

PONTIFICIA UNIVERSIDAD CATÓLICA DEL PERÚ

FACULTAD DE CIENCIAS E INGENIERÍA



PONTIFICIA
**UNIVERSIDAD
CATÓLICA**
DEL PERÚ

ANEXOS DE TESIS

que presenta el bachiller:

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Anexo 1. Resultados de caso de estudio 1

Tabla 1. Resultados para los casos de Solomon, sin considerar la pérdida de calidad

Solomon's class	Number of vehicles	Distance (km)	Time (min)	Lateness (min)	Load×Time (min kg)	WR	Total load
R1	11.08	1212.6	2270.6	106.8	115406.2	0.65	57616
CI	10.00	844.2	9833.6	0.0	601233.3	0.90	72000
RC1	11.50	1375.3	1429.9	60.4	143593.8	0.75	69000
R2	2.91	1191.6	2352.7	43.7	608945.6	0.50	11640
C2	3.00	632.9	9637.9	0.0	534355.0	0.86	20640
RC2	3.25	1390.9	2679.3	93.5	672464.5	0.53	13780

Fuente: Osvald y Zadnik (2007)

Tabla 2. Resultados para los casos de Solomon, considerando la pérdida de calidad y el método de Osvald (2005)

Solomon's class	Number of vehicles	Distance (km)	Time (min)	Lateness (min)	Load×Time (min kg)	Loss reduction (%)	Additional profit (€) – effective loss = 8	Additional profit (€) – effective loss = 23
R1	11.8	1432.3	2299.5	650.0	89285.9	22.6	1453.9	4427.1
CI	10.0	1131.9	10295.0	1509.2	551480.1	8.3	350.7	1331.8
RC1	12.0	1564.3	2610.4	504.3	119361.5	16.9	1113.7	3414.6
R2	3.0	1538.6	2731.3	1149.3	490155.9	19.5	150.8	823.8
C2	3.0	916.4	9912.5	4800.3	404297.6	24.3	291.6	1157.3
RC2	3.5	1772.5	2951.8	1463.1	604109.1	10.2	-20.1	371.6
Average results						17.0	556.8	1921.0
Average results for R1, CI and RC1						15.9	972.8	3057.8

Fuente: Osvald y Zadnik (2007)

Tabla 3. Resultados para los casos de Solomon, usando el método presentado en el caso de estudio

Solomon's class	Number of vehicles	Distance (km)	Time (min)	Lateness (min)	Load×Time (min kg)	Loss reduction (%)	Additional profit (€) – effective loss = 8	Additional profit (€) – effective loss = 23
R1	12.5	1532.2	2656.0	362.1	80825.0	30.0	1907.6	5843.9
CI	12.0	2737.8	14179.2	5505.4	417769.0	30.5	793.4	4411.2
CI	13.0	1688.5	2808.3	392.9	110199.8	23.3	1503.1	4673.9
R2	5.0	1986.2	3687.0	838.4	143019.0	76.5	931.2	3571.0
C2	5.0	2460.8	13430.5	56090.1	5246.6	64.2	121.7	2406.3
RC2	5.3	2162.8	3687.0	1744.4	198043.3	70.5	986.7	3705.1
Average results						49.2	1040.6	4101.9
Average results for R1, CI and RC1						27.9	1401.4	4976.3

Fuente: Osvald y Zadnik (2007)

Tabla 4. Resultados para los casos de Solomon, con tiempo de viaje dependiente y sin considerar la pérdida de calidad

Solomon's class	Number of vehicles	Distance (km)	Time (min)	Lateness (min)	Load×Time (min kg)
R1	10.5	954.6	2091.0	81.3	137040.5
CI	10.0	740.7	9793.0	9.0	745600.8
RC1	10.5	105.9	2206.9	77.1	178371.0

Fuente: Osvald y Zadnik (2007)

Tabla 5. Resultados para los casos de Solomon, con tiempo de viaje dependiente y considerando la pérdida de calidad y el método de Osvald (2005)

Solomon's class	Number of vehicles	Distance (km)	Time (min)	Lateness (min)	Load×Time (min kg)	Loss reduction (%)	Additional profit (€) – effective loss = 8	Additional profit (€) – effective loss = 23
R1	11.6	1127.8	2295.0	300.8	85637.9	37.5	2524.0	7451.4
Cl	10.0	890.0	10009.3	925.4	554137.7	25.7	1534.1	4578.6
RC1	12.1	1266.6	2428.1	177.0	114442.9	35.8	2497.7	7384.3
Average results						33.0	2185.3	6471.4

Fuente: Osvald y Zadnik (2007)

Tabla 6. Resultados para los casos de Solomon, con tiempo de viaje dependiente y usando el método presentado en el caso de estudio

Solomon's class	Number of vehicles	Distance (km)	Time (min)	Lateness (min)	Load×Time (min kg)	Loss reduction (%)	Additional profit (€) – effective loss = 8	Additional profit (€) – effective loss = 23
R1	11.4	1097.3	2285.8	377.9	85404.8	37.7	2554.2	7503.9
Cl	10.0	865.5	9058.6	1876.4	95388.8	47.0	2895.1	8463.9
RC1	11.8	1217.6	2362.3	188.5	115086	335.5	2500.9	7338.3
Average results						40.0	2650.1	7768.7

Fuente: Osvald y Zadnik (2007)

Anexo 2.1. Proceso de análisis jerárquico – Matriz priorización procesos

Tabla 7. Escala de preferencias

Planeamiento verbal de la preferencia	Calificación Numérica
Extremadamente preferible	9
Entre muy fuertemente y extremadamente preferible	8
Muy fuertemente preferible	7
Entre fuertemente y muy fuertemente preferible	6
Fuertemente preferible	5
Entre moderadamente preferible y fuertemente preferible	4
Moderadamente preferible	3
Entre igualmente preferible y moderadamente preferible	2
Igualmente preferible	1

Fuente: SAATY

Tabla 8. Criterios para los procesos

CRITERIO	LETRA
Contribuye con las utilidades	A
Satisface las expectativas del cliente	B
Genera valor agregado al cliente	C
Afecta la calidad de los productos	D
Nivel de control que presenta	E
Presenta considerables problemas	F
Recursos usados	G

Tabla 9. Matriz de comparaciones pareadas (Matriz A)

	A	B	C	D	E	F	G
A	1.00	1.00	1.00	3.00	3.00	4.00	4.00
B	1.00	1.00	1.00	2.00	3.00	3.00	4.00
C	1.00	1.00	1.00	2.00	2.00	3.00	3.00
D	0.33	0.50	0.50	1.00	1.00	2.00	2.00
E	0.33	0.33	0.50	1.00	1.00	2.00	2.00
F	0.25	0.33	0.33	1.00	0.50	1.00	2.00
G	0.25	0.25	0.33	0.50	0.50	0.50	1.00
TOTAL	4.17	4.42	4.67	10.50	11.00	15.50	18.00

Tabla 10. Matriz de comparaciones pareadas (Matriz N normalizada)

	A	B	C	D	E	F	G	PROM
A	0.24	0.23	0.21	0.29	0.27	0.26	0.22	0.25
B	0.24	0.23	0.21	0.19	0.27	0.19	0.22	0.22
C	0.24	0.23	0.21	0.19	0.18	0.19	0.17	0.20
D	0.08	0.11	0.11	0.10	0.09	0.13	0.11	0.10
E	0.08	0.08	0.11	0.10	0.09	0.13	0.11	0.10
F	0.06	0.08	0.07	0.10	0.05	0.06	0.11	0.07
G	0.06	0.06	0.07	0.05	0.05	0.03	0.06	0.05

Tabla 11. Vector columna W (lado izquierdo) y Prueba de consistencia (lado derecho)

Wprom i	n*Wprom i	IC	IA	RC	
1.79	7.27	0.04	1.32	0.03	<0.1
1.61	7.22				
1.46	7.22				
0.75	7.24				
0.71	7.26				
0.54	7.17				
0.38	7.13				
nmáx	7.21				

Resultado: Se posee una inconsistencia aceptable.

Tabla 12. Pesos de los criterios para la matriz de procesos

CRITERIO	%
Contribuye con las utilidades	25%
Satisface las expectativas del cliente	22%
Genera valor agregado al cliente	20%
Afecta la calidad de los productos	10%
Nivel de control que presenta	10%
Presenta considerables problemas	7%
Recursos usados	5%

Anexo 2.2. Proceso de análisis jerárquico – Matriz priorización subprocesos

Tabla 13. Criterios de los subprocesos

CRITERIO	LETRA
Posee los mayores márgenes	A
Nivel de control que se posee	B
Problemas en la maquinaria	C
Problemas de calidad presentados	D
Consume mayor cantidad de recursos	E

Tabla 14. Matriz de comparaciones pareadas (Matriz A)

	A	B	C	D	E
A	1.00	1.00	2.00	2.00	3.00
B	1.00	1.00	2.00	2.00	2.00
C	0.50	0.50	1.00	2.00	2.00
D	0.50	0.50	0.50	1.00	2.00
E	0.33	0.50	0.50	0.50	1.00
TOTAL	3.33	3.50	6.00	7.50	10.00

Tabla 15. Matriz de comparaciones pareadas (Matriz N normalizada)

	A	B	C	D	E	PROM
A	0.30	0.29	0.33	0.27	0.30	0.30
B	0.30	0.29	0.33	0.27	0.20	0.28
C	0.15	0.14	0.17	0.27	0.20	0.19
D	0.15	0.14	0.08	0.13	0.20	0.14
E	0.10	0.14	0.08	0.07	0.10	0.10

Tabla 16. Vector columna W (lado izquierdo) y Prueba de consistencia (lado derecho)

Wprom i	n*Wprom i	IC	0.03
1.52	5.13	IA	1.32
1.43	5.14	RC	0.02
0.95	5.15		<0.1
0.72	5.07		
0.50	5.07		
nmáx	5.11		

Resultado: Se posee una inconsistencia aceptable.

Tabla 17. Pesos de los criterios para la matriz de subprocesos

CRITERIO	%
Contribuye con las utilidades	30%
Satisface las expectativas del cliente	28%
Genera valor agregado al cliente	19%
Afecta la calidad de los productos	14%
Nivel de control que presenta	10%

Anexo 3. Diagrama Pareto

Tabla 18. Tabla Frecuencia de la línea de sellado

PROBLEMA	FRECUENCIA MENSUAL (MIN)										
	AGOST	SEPT	OCT	NOV	DIC	ENE	FEB	TOTAL	X MES	%	%ACUM
1 Retrasos por selladora	49	165	203	350	86	88	15	956	136.57	64.3%	64.3%
2 Se malogra dosificador	28	30		35			20	113	16.14	7.6%	71.9%
3 Se malogra elevador			30	75				105	15.00	7.1%	79.0%
4 Revisión lenta	15	15	15	15	15	15	15	105	15.00	7.1%	86.0%
5 Falla otros		11		25.45		10	20	66.45	9.49	4.5%	90.5%
6 Falta materia prima	15		15	10	20			60	8.57	4.0%	94.6%
7 Calidad		36	25					61	8.71	4.1%	98.7%
8 Limpiar línea			20					20	2.86	1.3%	100.0%
								TOTAL	212.35	100%	

Tabla 19. Tabla Impacto de la línea de sellado

PROBLEMA	COSTO HORA OP	OPERARIOS	COSTO MANT	COSTO HH	COSTO MINH	COSTO PROD	IMPACTO (S/.)	IMPACTO X MES (S/.)
1 Retrasos por selladora	S/. 4.15	15	S/. 6.00	S/. 68.25	S/. 1.14	S/. 1,798.97	S/. 2,886.42	S/. 412.35
2 Se malogra dosificador	S/. 4.15	15	S/. 6.00	S/. 68.25	S/. 1.14	S/. 210.44	S/. 338.98	S/. 48.43
3 Se malogra elevador	S/. 4.15	15	S/. 6.00	S/. 68.25	S/. 1.14	S/. 183.87	S/. 303.31	S/. 43.33
4 Revisión lenta	S/. 4.15	8	S/. -	S/. 33.20	S/. 0.55	S/. 207.28	S/. 265.38	S/. 37.91
5 Falla otros	S/. 4.15	15	S/. 6.00	S/. 68.25	S/. 1.14	S/. 122.63	S/. 198.22	S/. 28.32
6 Falta materia prima	S/. 4.15	15	S/. -	S/. 62.25	S/. 1.04	S/. 126.15	S/. 188.40	S/. 26.91
7 Calidad	S/. 4.15	8	S/. -	S/. 33.20	S/. 0.55	S/. 113.97	S/. 147.72	S/. 21.10
8 Limpiar línea	S/. 4.15	7	S/. -	S/. 29.05	S/. 0.48	S/. 36.47	S/. 46.16	S/. 6.59

Tabla 20. Tabla Frecuencia de la línea de rellenado

	PROBLEMA	FRECUENCIA MENSUAL (HOR)						
		DIC	ENE	FEB	TOTAL	X MES	%	%ACUM
1	Abastecimiento de aceituna	376.11	582.54	453.09	1411.74	470.58	63.8%	63.8%
2	Incumplimiento del programa de producción	269.73	402.66	10.60	682.99	227.66	30.9%	94.7%
3	Uso de destajo	39.35	43.50	34.28	117.13	39.04	5.3%	100.0%
TOTAL						737.29	100%	

Tabla 21. Tabla Impacto de la línea de sellado

	PROBLEMA	COSTO HORA OP						IMPACTO X MES (S/.)
		DIC	ENE	FEB	TOTAL	X MES		
1	Abastecimiento de aceituna	S/. 4.12	S/. 4.63	S/. 3.89	S/. 6,006.62	S/. 2,002.21	S/. 2,002.21	
2	Incumplimiento del programa de producción	S/. 5.82	S/. 5.77	S/. 5.71	S/. 3,952.42	S/. 1,317.47	S/. 1,317.47	
3	Uso de destajo	S/. 4.12	S/. 4.63	S/. 3.89	S/. 496.71	S/. 165.57	S/. 165.57	

Tabla 22. Tabla Frecuencia – Impacto de la distribución

	PROBLEMA	# VIAJES	FRECUENCIA MENSUAL		COSTO RUTA	COSTO MO	IMPACTO X MES (S/.)
			%	%ACUM			
1	Demora por parte del cliente en la recepción	46.07	96.0%	96.0%	S/. 8,903.24	S/. 3,600.00	S/. 12,358.52
2	Devolución de mercadería por fuera de horario de recepción	1.22	2.6%	98.5%	S/. 236.54	S/. 3,600.00	S/. 328.34
3	Error de despacho del transportista	0.71	1.5%	100.0%	S/. 136.36	S/. 3,600.00	S/. 189.28
TOTAL			100%				

Anexo 4. Identificación y análisis de causas

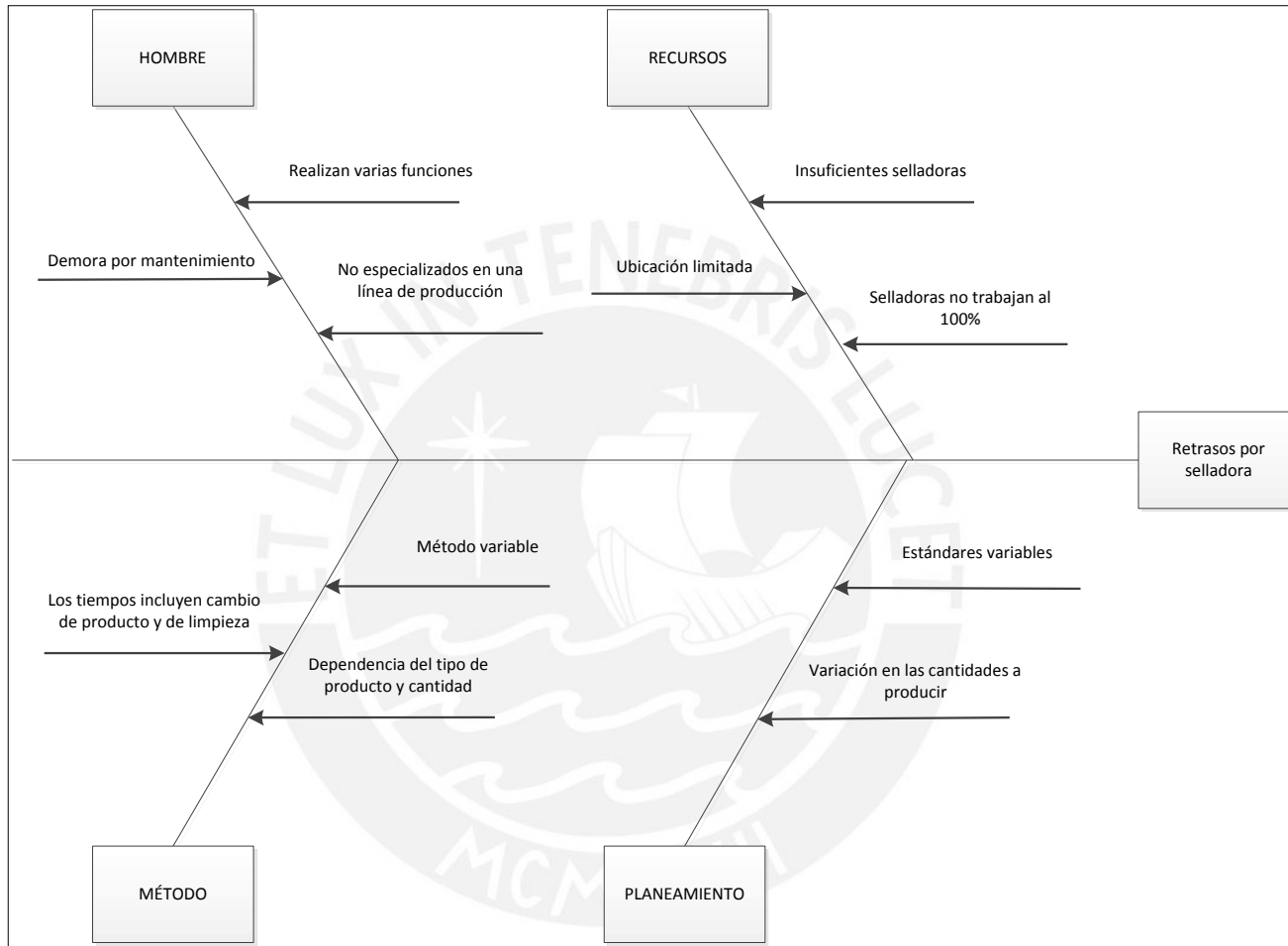


Figura 1. Diagrama de Ishikawa de la línea de sellado
Elaboración propia

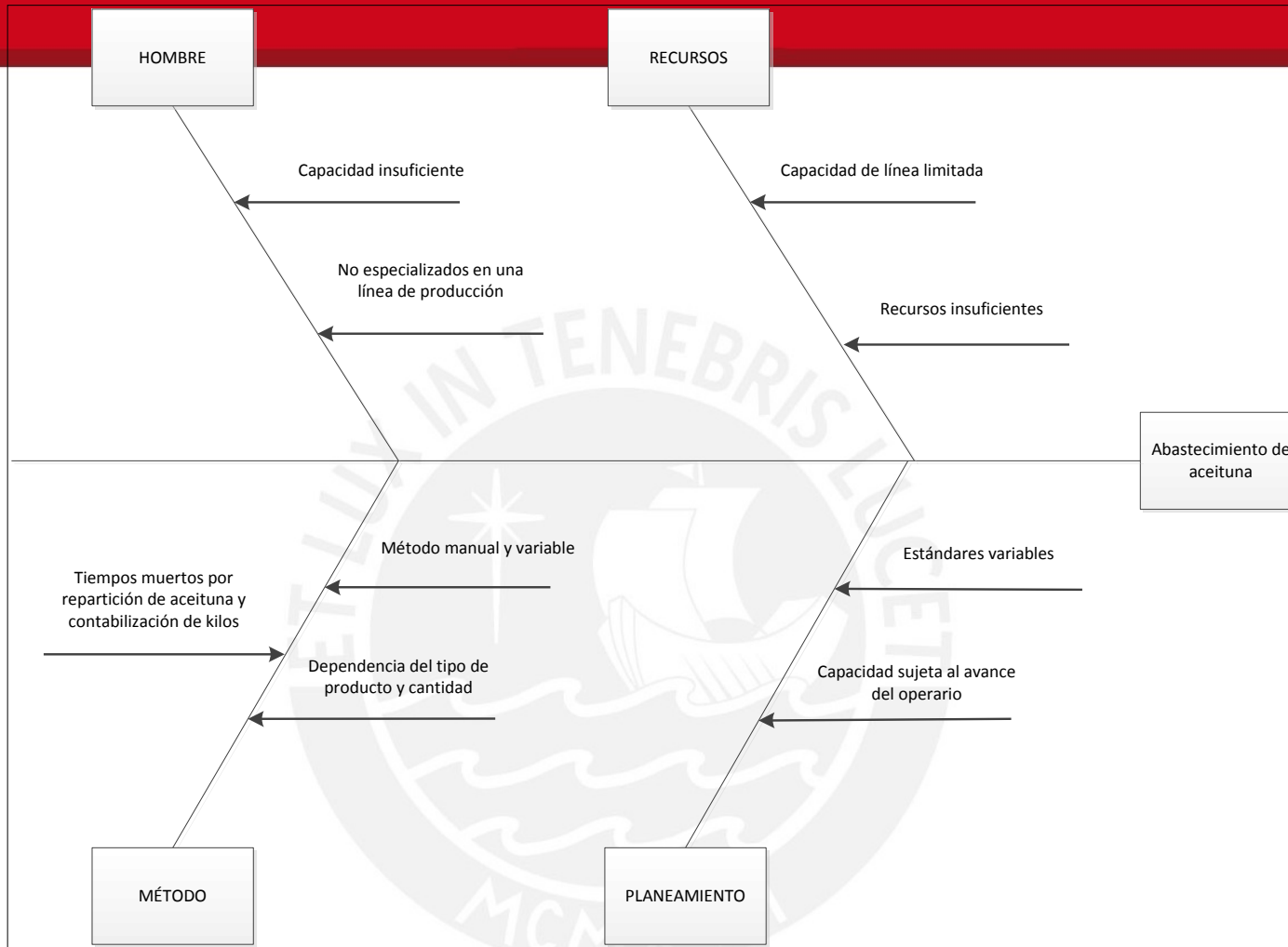


Figura 2. Diagrama de Ishikawa de la línea de rellenado
Elaboración propia

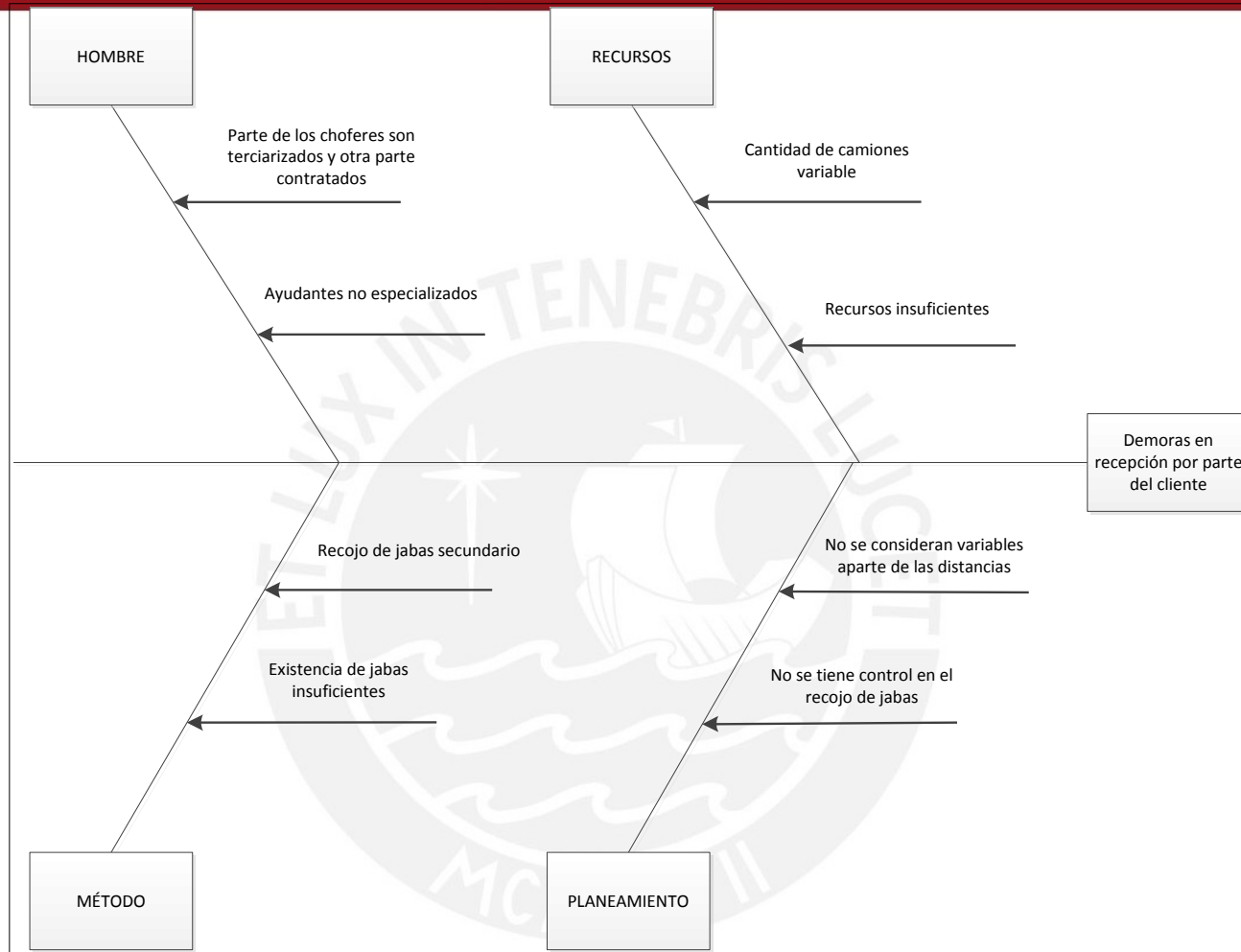


Figura 3. Diagrama de Ishikawa de la distribución de productos
Elaboración propia

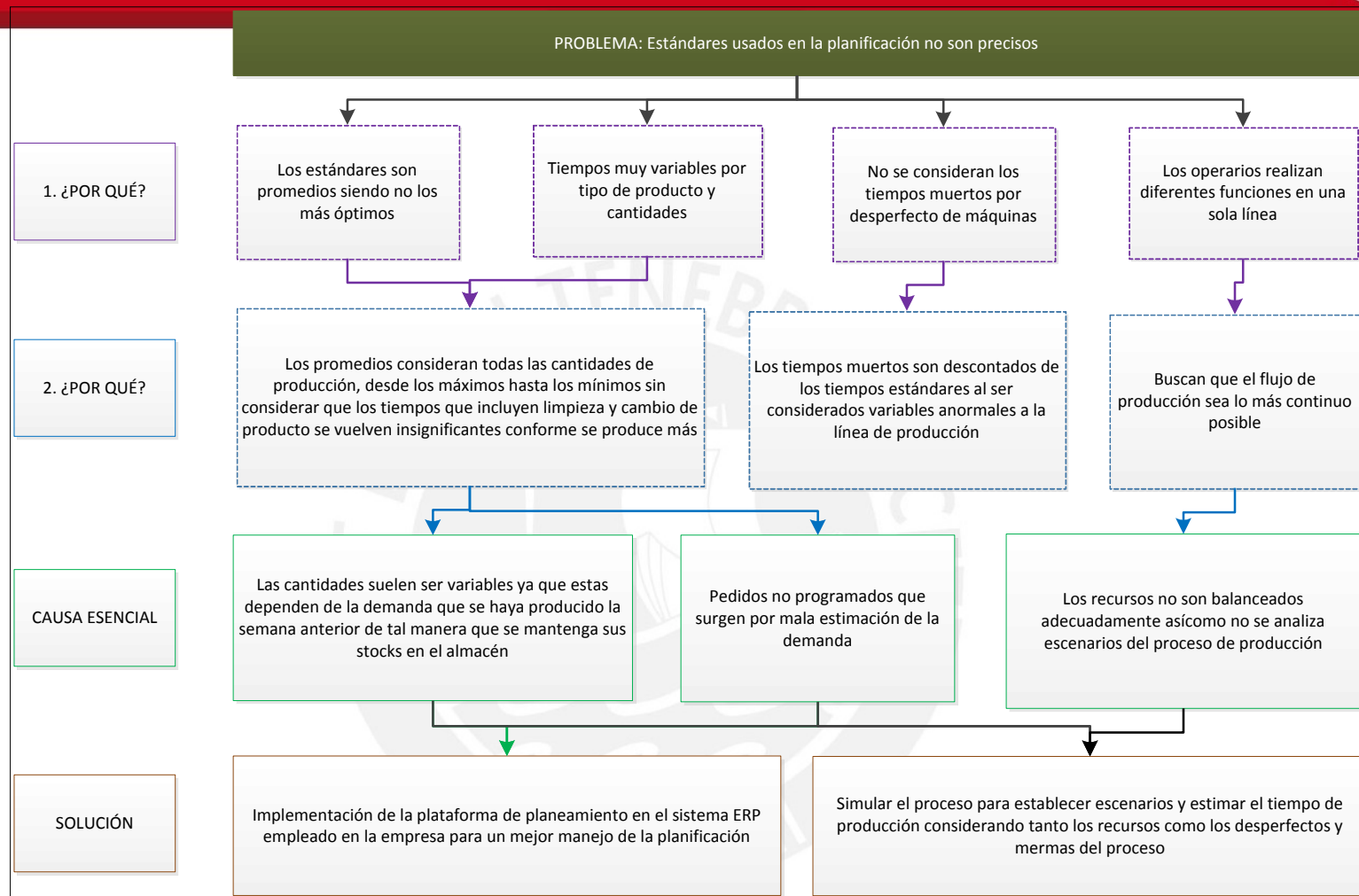


Figura 4. Diagrama del método del por qué de la línea de sellado
Elaboración propia

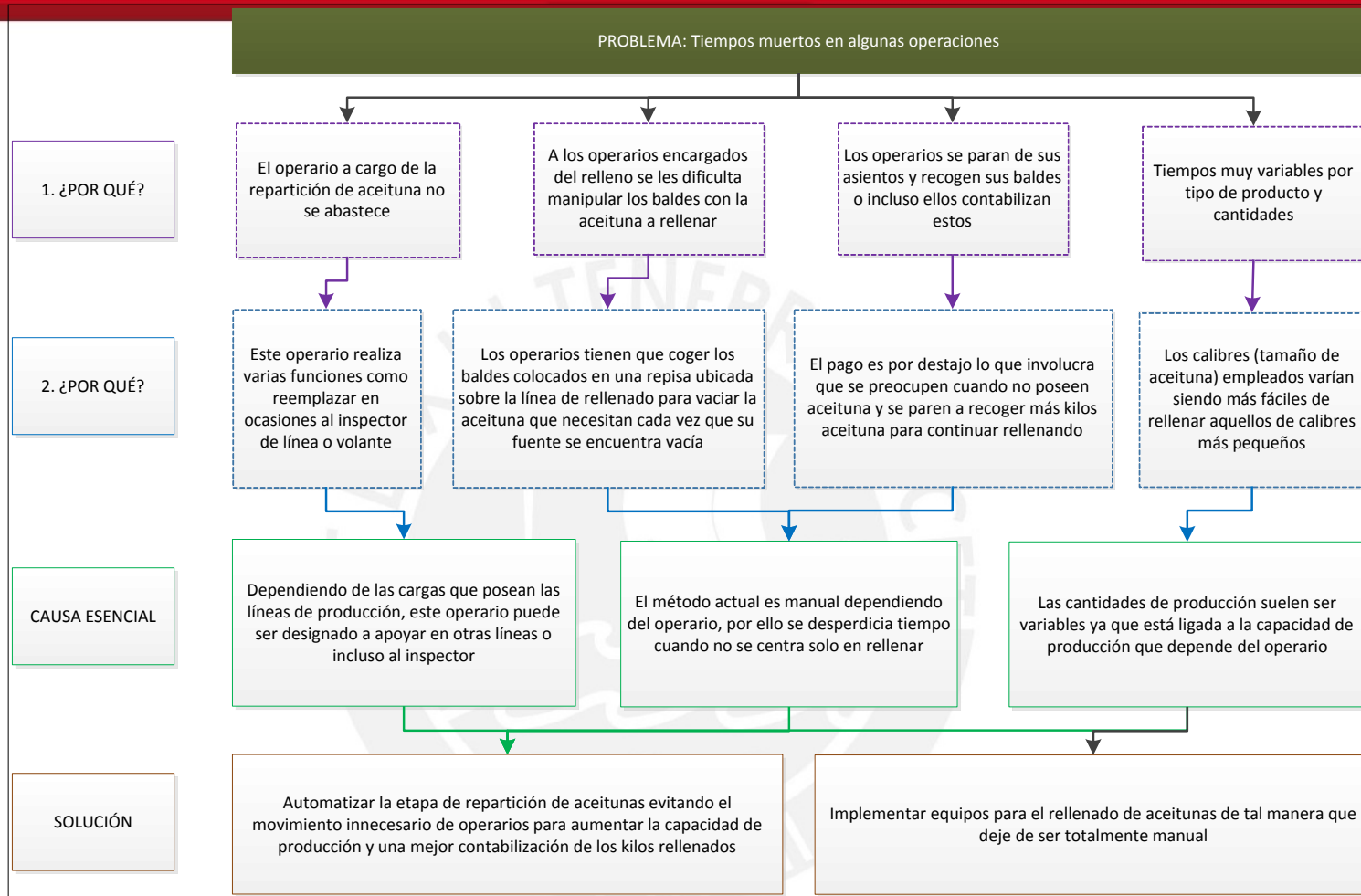


Figura 5. Diagrama del método del por qué de la línea de rellenado
Elaboración propia

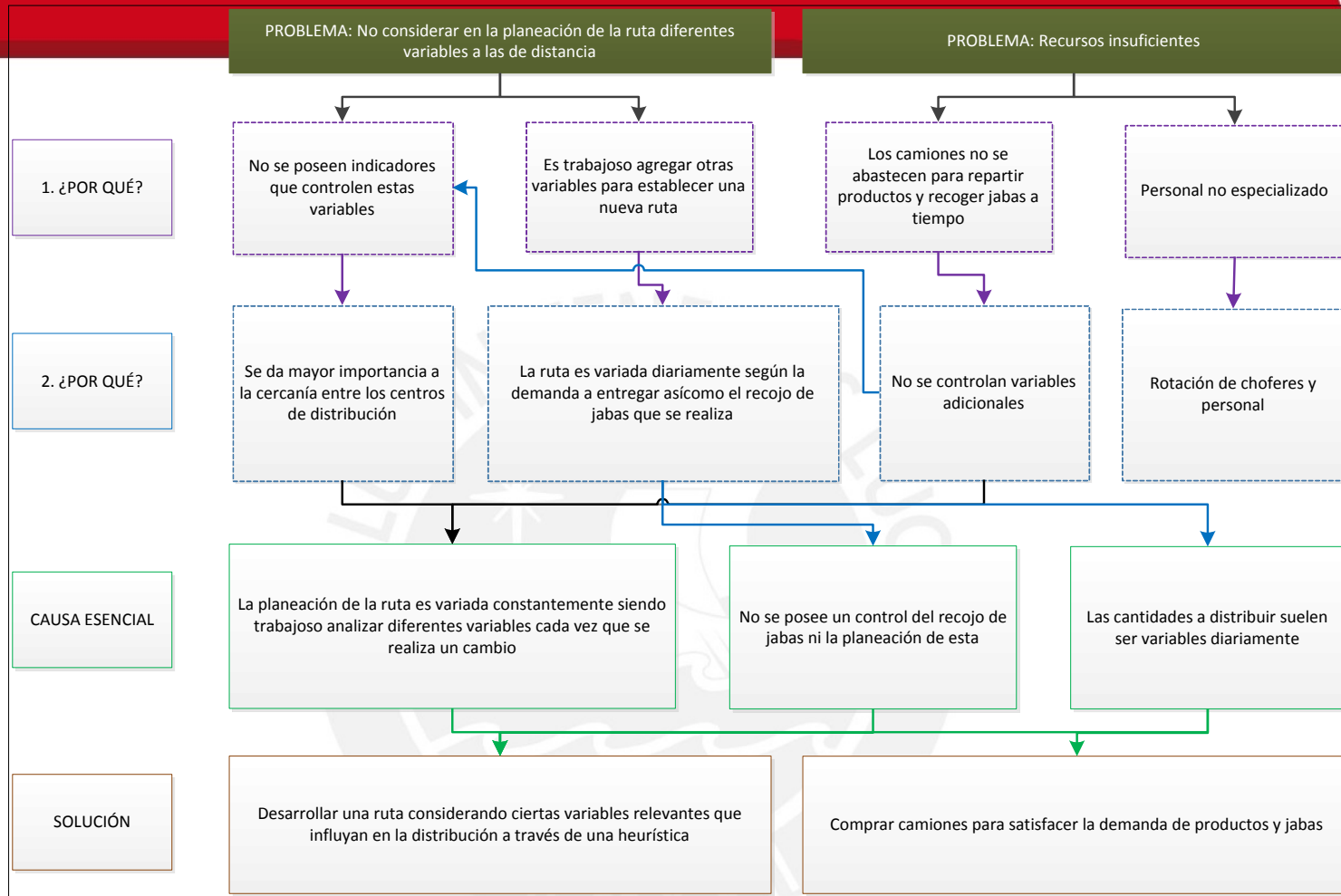


Figura 6. Diagrama del método del por qué de la distribución
Elaboración propia

Anexo 5. Puntos de distribución (clientes)

Tabla 23. Clientes Cadena de Supermercados Rojo

Número Cliente	Dirección Destino	Hora Despacho Llegada	Hora Despacho	Tiempo de Servicio
1	Mz. B2 Lt 10 Urb. Los Rosales Surco. (cdra 1 de Av. Ayacucho)	0	13	30
2	Av. Arequipa N°2250	0	13	30
3	Av. Antúnez de Mayolo Cdra 9 Esquina con Calle Orión Mz B1 Lt 2 - Urb Mercurio	0	13	30
13	Av. Alfredo Mendiola Mz Km 21 Lote 7008	0	13	30
14	Av. San Lorenzo Mz. A, Lt 01 Urb. Las Vegas (Alt. del Óvalo Puente Piedra)	0	13	30
15	Av La Marina N°2155	0	13	30
18	Cruce Jr. de la Unión con Jr. Huancavelica	0	13	30
19	Av. Inca Garcilazo De La Vega N°1383 Centro Cívico	0	13	30
20	Urb. Parcelación Rustica Zarate, Mz B, Lt 23	0	13	30
21	Urb. Villa Marina N° 176 Alameda del Sur	0	13	30
24	Av. República de Panamá N°515	0	13	30
27	Av. Nicolas Ayllon Sector B. Mz B Lte.4 Zona A - Baja Esq. Con Av. La Mar	0	13	30
28	Santa Clara-Lt 99-B Fundo La Estrella	0	13	30
29	Av. Jacarandá N°890 Urb. Valle Hermoso	0	13	30
32	Av. Tomás Marsano N°5000	0	13	30
48	Av. Oscar R. Benavides N°4929 (Ex Av. Colonial) a 5 cuadras del cruce de Av. Fauc	0	13	30
73	Carretera Central Km. 6. Mz M Lote 2A	0	13	30
79	Calle Remington N°151-N°159	0	13	30
87	Av. Uruguay N°568-N°596 Esq. Av. Alfonso Ugarte N°1103-N°1179	0	13	30
88	Carretera Panamericana Sur KM-25	0	13	30
93	Av. Felipe Arancibia N°455 (ex. Av. Tarapacá) Urb. Villacampa Referencia Esq. con	0	13	30
94	Av. Lima Sur Cuadra N°9	0	13	30
101	Urb. San Vicente S/N. Calle Antigua Panamericana Sur Parcela B-43	0	13	30
102	Av. Circunvalación N°2769 CC. Los Recaudadores	0	13	30
103	Av. Lima S/N. sub Lote A1	0	13	30
110	Av. Angamos Este N°2337	0	13	30
112	Esq. Av. Benavides con Calle Alcanfores	0	13	30
115	Av. Javier Prado Este N°2060	0	13	30
117	Av. Benavides Cdra 51 S/N	0	13	30

Elaboración propia

Tabla 24. Clientes Cadena de Supermercados Verde

Número Cliente	Dirección Destino	Hora Despacho Llegada	Hora Despacho	Tiempo de Servicio
5	Av. Nicolás Ayllon N°4297, Urb. Vista Alegre	2	10	45
6	Av. Guardia Civil N°390 - La Campiña	0	13	45
11	AV.Tomás Valle Panamericana Norte S/N	0	13	45
17	Calle Shell Nro. 250	2	6	60
22	Av. Benavides N° 620	0	13	45
36	Av. Nicolas Ayllon N° 965 (y N° 975)	0	13	45
39	Av. Gregorio Escobedo N°1050	2	6	45
40	Av. Pedro Motta Esq. con Av. Alipio Ponce	0	13	45
41	C.C. San Felipe s/n Int. 67C, Res. San Felipe	2	6	45
42	Av. Prol. Paseo de la República s/n, Matellini	2	10	45
43	Calle Las Tiendas N°290	2	5.5	45
44	Av. Los Heroes N°100	2	6	45
45	Mz.C Lte 17 Urb. Pedro Cueva Vásquez	2	6	60
47	Av. Tomas Valle, Lote 1, Mz. R1	2	10	45
54	Av. Canadá Esq. con Av. Nicolás Arriola N°1110	2	6	45
55	Av. Universitaria, Lote 1, Mz. E Urb. El Retablo	2	6	60
66	Gral. Garzón N°1337	2	5.5	60
68	Jr. Cuzco N°245	2	6	45
70	Av. Grau N°513	2	6	45
71	Av. La Marina Cdra. 25	2	6	45
74	Av. Huaylas N°2070	0	13	60
75	Esq. Av. Venezuela con Av. Alfonso Ugarte	2	6	45
77	R. Oscar Benavides N°3002	2	7	45
78	Av. Sucre N°550-N°552	2	7	45
80	Av. Los Heroes, Mz. Z, Lote 16-A	2	10	45
83	Av. Benjamín Doig Brent s/n esq. Av. Angamos con Aviación	2	6	45
84	Av. La Molina N°1068 Esq. con Las Zarcamoras	2	7	60
85	Av. Alfredo Mendiola N°3900	2	10	45
86	Av. Próceres de la Independencia N°1632	2	8	45
89	Av. General Arenales N°1737	0	13	45
90	Plaza Ramón Castilla Esq. Jr. Oroya y Av. Alfonso Ugarte	0	13	45
92	Av. Próceres de la Independencia Esq. Calle Las Flores	2	7	45
96	Av. Túpac Amaru Km. 3.5, Urb. La Pascana	2	6	45
97	Av. 28 De Julio N°501-N°529	2	10	45
100	Av. Arica N°571, N°581, N°589 y N°599	2	6	45
106	Av. Alameda Sur Villa N°721 - Cedro de Villa	0	13	45
107	Av. Venezuela N°5415	2	6	45
108	Av. Oscar R. Benavides N° 1608	2	6	45
111	Ovalo Balta N° 1198 - N°1102	2	10	60
116	Jr. Francisco Luna Pizarro N°1550	2	10	45
121	Av. Túpac Amaru Cdra. 16, Esq. Calle 18 Enero	2	7	45

Elaboración propia

Tabla 25. La Empresa (0) y Clientes Cadena de Supermercados Amarillo, Lila, Celeste y Otros

Número Cliente	Dirección Destino	Hora Despacho Llegada	Hora Despacho	Tiempo de Servicio
0	Av. Los Faisanes N° 148 La Campiña	0	14	0
4	Av. Santiago de Surco Nro. 4647 Lt 1 Urb. Prol. Benavides	2	6	60
7	Av. Argentina N°2833	0	13	30
8	Av. Malecón Bajada Balta N°626	0	13	30
9	Av. Santa Cruz N°771 Urb. Los Sirius	1	3	30
10	Esq. Av. La Marina y Av. Universitaria C.C. Plaza San Miguel	2	6	120
16	Esq. Av. Benavides N° 1460 y Av. Republica de Panamá	1	3	120
25	Calle Arias Schereiber N°270 C.C. Aurora	2	6	30
26	Av. Benavides Cdra. 52 Esq. con Los Artesanos	2	6	30
33	Las Retamas N°190 Urb. Los Sirius	2	6	30
34	Calle Monte Bello N°150 Urb. Chacarilla	2	6	120
35	Av. La Molina N°378	0	13	30
37	Av. Javier Prado Este Cdra. 50 - CC. Camacho	2	6	30
38	Calle Ucello N°162	2	6	60
46	Av. 2 de Mayo N°1099	2	5	30
50	AV. Néstor Gambeta Km. 8645 Oquendo	0	13	120
52	Recepción Central - Carretera Central K.M. 2.5	0	13	30
57	Carretera Panamericana Sur Km 38 S/N Grupo F Lote 12	0	13	30
65	Cal. Justo Amadeo Vigil N° 324 Urb. San Felipe	0	13	15
69	Boulevard Asia Km. 97.5 Panamericana Sur	0	13	30
72	Los Girasoles CQB-3	0	13	15
76	Esq. Av. Elias Aparicio y Calle Tahiti - La Planicie	2	6	30
81	Av. Jorge Chávez N° 1208	0	13	120
82	CC. Plaza norte, Av. Tomas Valle con Panamericana Norte	0	13	120
95	Jr. San Patricio Mz. R01 Lote 02 Urb. Villa Marina	0	13	15
98	Av. Malecón de la Reserva N°610	0	13	30

Elaboración propia

Anexo 6. Matriz de distancias en Km (cliente-cliente)

Tabla 26. Matriz de distancias (Parte 1)

KM	0	1	2	3	4	5	6	7	8	9	10	11	13	14	15	16	17	18	19	20	21	22	24	25	26	27	28	29	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	50	52
0	1000	7.9	15.4	25.8	5.9	22.3	0.75	23.5	9.9	10.9	18.3	23.5	31.5	41.1	17.8	7.8	8.7	17.9	16.3	22.7	2.4	8.2	7.1	8.8	7.2	18.1	32.4	9.1	5.7	15.6	13.8	17.6	46.2	15.5	17.2	16.3	4	15	2.3	10.6	5.8	42.3	14.4	26.8	21.1	32.4	20.1
1	6.9	1000	10.8	22.2	2.7	19.4	7.3	20.9	5	7.4	15.6	19.9	27.9	37.6	15.2	3.8	4.8	14.4	12.7	19.9	8.8	4.3	3	3.7	3.2	15.2	29.5	4.4	2.8	11.5	5.6	13	41.6	10.8	6.9	12.7	5.5	13.2	7.1	7.1	3.8	39.6	10.9	23.3	18.5	29.7	15.4
2	14	8.7	1000	12.9	9.9	15.6	14.3	12.7	4.2	3.1	6.8	10.6	18.6	28.2	6.3	5.5	5.3	5.3	3.5	16.1	15.2	5.1	6.3	6	12.8	11.4	25.7	12.3	10	11.6	7.8	11	39.6	8.7	4.9	3.1	16.8	3.5	14.3	3.4	11	31.7	1.7	13.9	10.5	21.8	13.4
3	33.9	22.2	13.2	1000	28.8	22.8	34	9.7	18.9	17.3	9	4.9	9.3	19	9.3	19.1	18.6	9.4	10.1	14.6	41.1	18.4	19.6	19.6	27	18.7	26	26.5	28.2	23.9	25.4	19	39.8	21	23.8	12	31	12.6	27.6	16.7	29.2	20.3	14.4	1.6	7.3	11.2	20.6
4	5.9	2.9	12.1	28.5	1000	17.4	7.4	22.1	5.7	7.3	16.7	21.2	34.2	43.9	16.2	4.2	5.4	15.8	14	17.9	14.4	4.8	4.3	4	2.5	13.2	27.5	3.6	1	9.3	5.4	12.8	41.4	10.6	6.6	14	3.7	14.4	6.7	5.7	2	40.9	12.1	29.9	19.8	38.6	15.2
5	21.6	17.6	14.9	20.8	16.5	1000	21.7	25	17.6	16	20.5	19.7	34.2	36.2	20.1	17.8	17.3	14.9	17	10.2	28.8	17.2	18.3	16.3	14.6	3.4	6	14.2	15.9	7.7	13.1	4.3	20.5	6.7	11.5	16.9	18.7	17.3	23.5	15.4	16.9	46.4	15	21.6	19.8	30.7	2
6	1.3	8.6	15	26.4	8	22.4	1000	24.1	10.5	11.5	18.6	24.1	39.2	48.9	18.2	8.4	9.3	18.5	16.8	22.9	2.2	8.8	7.7	9.4	9.2	18.2	32.5	9.2	7.3	15.8	13.9	17.8	46.4	15.6	17.4	15.4	4.1	15.8	2.8	11.2	6	42.8	15	34.6	21.7	33	20.2
7	22.6	20	12.2	9.4	21.5	24.7	23	1000	14.9	12.8	5.5	10.4	16.7	26.4	5.5	17.2	16.5	9.5	9.7	16.4	23.8	16.1	19.2	17.4	20.9	20.5	27.8	22.9	21.5	22.2	19.2	20.9	41.6	19.3	15.4	8.8	27.4	9.3	22.9	16.2	22.5	22.1	10.9	6.6	2.4	12.2	22.5
8	10.7	5.2	5	18.4	6.5	17.9	11	15.9	1000	1.9	10.4	16.1	24.1	33.8	10	2.6	1.4	10.6	8.9	18.3	11.8	1.1	2.7	3.1	5.9	13.7	28	7	6.5	13.9	6.1	13.2	41.8	11	7.1	6	9.2	6.4	10.9	3.2	7.5	34.7	5.2	18.8	13.5	24.8	15.7
9	12.2	7.1	3.3	16.8	8.2	16.2	12.5	15.3	2	1000	8	14.5	22.5	32.1	7.6	3.7	3.4	8.9	7.2	16.7	13.3	3.3	4.4	4.3	7.6	12.1	26.4	9.2	8.2	12.2	6	11.6	40.2	9.3	5.5	4.4	14.5	4.8	12.4	2.4	9.2	34	3	17.8	12.9	24.1	14
10	18.1	14.2	6.8	9.4	19.9	20.8	18.3	7	9.1	7.4	1000	10.5	17.8	27.5	0.7	11	11.8	8	7	15	19.2	11.5	14.6	11.5	18	16.7	26.4	17.5	19.2	16.8	13.8	16.2	40.2	13.9	10.1	3.4	22	4	18.3	8.9	20.2	26	5.5	9	4.6	16.1	18.6
11	32.1	20.4	11.4	3.4	27	21	32.2	12.1	17	15.4	10.8	1000	8.4	18.1	11.1	17.2	16.7	7.5	8.2	12.7	39.3	16.6	17.8	17.8	25.1	16.8	24.1	24.7	26.4	22.1	23.5	17.2	37.9	19.2	21.9	12.3	29.1	12.1	25.7	14.9	27.4	28.3	12.6	4.5	9.1	12.6	18.8
13	39.4	27.9	18.9	9.9	34.5	34.5	39.7	19.9	24.5	22.9	17.8	10.6	1000	10.4	18.1	24.7	24.3	15.1	15.7	20.2	46.8	24.1	25.3	25.3	32.6	24.3	31.6	32.2	33.9	29.6	31	24.7	45.4	26.7	29.4	19.8	36.6	19.6	20.6	20.1	10	16.2	12.4	26.3			
14	47.7	36	26.8	17.9	42.5	36.5	47.6	27.9	32.5	30.9	25.8	18.6	10.6	1000	26.1	32.7	32.2	23	23.7	28.2	54.7	32.1	33.2	33.2	40.6	32.3	39.6	40.2	41.8	37.5	39	32.6	53.4	34.6	37.4	27.7	44.6	27.6	41.2	30.3	42.8	11.6	28	18	24.1	22.8	34.2
15	17.9	14.1	6.7	9.8	19.7	20.7	18.1	7.1	8.9	7.3	0.7	10.8	18.2	27.8	1000	10.8	11.6	8.4	6.9	15.4	19	11.3	14.4	11.4	17.8	16.5	26.8	17.4	19.1	16.7	13.7	16	40.6	13.7	9.9	3.3	21.8	3.8	18.1	8.8	20.1	25.6	5.3	9.4	4.9	16.2	18.5
16	9.8	3.3	9.1	20.5	4.5	19.9	10.1	19.1	2.4	4.6	13.6	18.2	26.2	35.8	13.2	1000	2.1	12.6	10.9	20.4	10.9	1.6	1.2	1.4	4	15.8	30.1	5.1	4.6	11.3	5.3	15.3	43.9	13	6.6	11	7.3	11.4	10	3.7	5.6	39.8	9.1	21.5	16.9	28	17.7
17	10.2	5.1	5	18.3	6.3	17.7	11	16	0.28	2	10.5	16	24	33.6	10.1	1.9	1000	10.4	8.7	18.2	11.8	1.2	2.4	2.5	5.7	13.6	27.9	6.9	6.4	13.7	5.9	13.1	41.7	13	7	6.1	9.1	6.5	11	3	7.4	34.4	5	19.3	13.7	24.8	15.5
18	18.8	13.6	5.2	9.6	14.9	15	19.1	11.9	10.3	8.7	8.3	7.1	15.3	24.9	8.9	10.5	10	1000	2	6.4	19.9	9.8	11	11	16.6	10.8	18.1	16.2	14.9	15.5	12.5	11.2	31.9	13.2	8.7	6.8	23.1	6.7	19	8.1	15.9	28.9	7.8	10.6	8.7	19.4	12.8
19	17.6	12.5	4.1	9.6	13.7	18.1	17.9	10.6	9.1	7.5	7	7.3	15.2	24.9	7.3	9.3	8.8	1.7	1000	9.8	18.7	8.7	9.8	9.9	15.5	14	21.2	15	13.8	14.3	11.3	13.7	35	11.4	7.6	5.7	19.5	5.6	17.8	6.9	14.8	28.9	6.6	10.6	7.3	19.4	15.9
20	23.8	19.7	11.6	14.1	18.7	12.7	23.9	18.3	19.7	18.2	16.3	13	19.8	29.5	17.1	19.9	19.5	8.2	8.4	1000	31	19.3	20.5	18.4	16.8	8.5	13	16.4	18	13.8	15.2	8.9	26.8	10.8	13.6	19	20.8	14.9	25.5	17.6	19	33.4	17.1	15.1	15	24	10.5
21	2.8	9.8	16.2	27.6	8.4	30.4	3.1	25.3	11.7	12.7	19.8	25.3	33.3	42.9	17.4	9.6	10.5	19.7	18	30.5	1000	10	8.9	10.6	16.9	25.9	40.2	16.9	15	23.4	21.6	25.7	54.3	23.6	16.3	16.7	6.6	17.1	4.1	12.4	14.9	43.7	16.2	28.6	23	34.2	28.2
22	9.7	4.6	5	18.1	5.8	17.5	10	16.4	0.85	2.8	11.1	15.8	23.8	33.4	10.6	1.5	0.55	10.2	8.6	18	10.8	1000	2	2.3	5.2	13.4	27.7	6.4	5.9	13.5	5.7	12.9	41.5	10.6	6.8	6.7	8.6	7.1	9.9	2.8	6.9	37.4	6.7	19.1	14.3	25.4	15.3
24	8.8	3.6	8	19.4	6.5	18.9	9	18.1	2.4	4.6	12.6	17.1	25.1	34.8	12.2	1.5	2.1	11.5	9.9	19.3	9.8	1.6	1000	2.5	5.9	14.7	29	7.1	6.5	14.9	7.1	14.2	42.8	11.9	8.1	9.9	9.3	10.3	9	4.2	7.5	38.7	8.1	20.4	15.8	26.9	16.7
25	11.4	3.4	8.5	19.9	4.5	17.6	11.5	20.5	3.5	4.8	14.1	17.6	25.6	35.3	13.6	1.8	3	12.1	10.4	18	18	2.5	2.7	1000	4	13.4	27.7	5.1	4.5	10	4.1	12.9	41.5	10.8	4.9	10.2	7.3	10.6	10.2	3	5.5	39	8.4	20.7	17.3	29.4	15.4
26	8.6	4	12.9	25.6	2.2	14.5	8.7	24.4	6	8.7	18.5	24.5	31.3	41	18	4.4	5.7	16.7	15	15.8	5.1	5.1	4.4	1000	10.3	24.6	1.3	2.1	7.9	3.6	9.9	38.5	7.7	9.4	14.8	5.7	15.2	10.4	7.1	3.1	44.9	13	26.7	22.2	35.5	12.3	
27	18.8	14.8	12.1	18	13.7	4.2	18.9	22.2	14.8	13.2	17.7	16.9	23.7	33.4	17.3	15	14.5	12.1	14.2	7.3	26	14.3	15.5	13.4	11.8	1000	9.6	11.4	13.1	5.9	10.3	1.4	23.5	4.8	8.7	14	15.9	14.5	20.5	12.6	14.1	37.3	12.2	19.1	19	27.9	2
28	28.2	24.2	21.5	25.4	23.1	6.6	28.3	29.6	24.2	22.6	27.6	24.3	31.1	40.8	26.7	24.4	23.9	19.5	19.7	14.7	35.4	23.8	24.9	22.9	21.3	10.1	1000	20.8	22.5	14.3	19.7	10.9	13.8	13.3	18.1	23.5	25.3	23.9	30	22	23.5	44.7	21.6	26.4	26.3	35.3	8.7
29	9	5	12.5	25.2	3.9	14	9.1	23.8	7	10.1	17.9	23.9	30.7	40.4	17.4	5.5	6.7	16.1	14.4	14.3	16.2	6.2	6.2	5.4	1.5	9.7	24	1000	3.3	7.2	4.5	9.4	38	7.3	9	14.4	6.1	14.8	10.8	8.2	4.3	44.5	12.5	26.2	21.8	35	11.8
32	5.1	4.7	15.4	28.2	1.3	17	7	23.5	7	9.7	21	27	33.8	43.5	20.6	5.5	6.7	19.2	17.5	17.5	14.1	6.2	5.6	5.4	2.7	12.9	27.2	3.8	1000	10.4	6.7	12.8	41.0	10.2	12.0	17.3	3.9	17.8	5.8	7.0	1.7						

Tabla 27. Matriz de distancias (Parte 2)

KM	55	57	65	66	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	92	93	94	95	96	97	98	100	101	102	103	106	107	108	110	111	112	115	116	117	121	
0	32.4	26	13.5	17.6	16.9	84.4	5.9	18.3	46.6	22.9	1.6	17.1	19.9	20.9	16.9	12.9	6.9	6.4	23.6	11.9	18.1	25.8	24.2	16.9	12.6	14.3	18.2	28.5	19.9	54.8	1.5	31.7	55.4	8.9	17.3	19.9	15	17.7	2.7	20	22.2	11.3	5.9	8.3	17.3	14.4	9.5	21.9	
1	28.9	31.1	10.9	15.5	13.3	89.4	3.2	15.7	43.7	20.1	6.9	13.6	15.8	17.6	14.2	6.6	4.4	1.4	20	4.6	13.4	22.2	19.6	13.4	17.6	10.8	14.7	23.9	17.3	50.1	7.6	29.7	50.7	5.1	13.5	25	10.3	16	8.9	17.3	19.5	5	2.6	4.4	6.9	10.8	3.1	18.4	
2	19.5	41.8	4.1	3.7	4.8	100	8	6.8	39.9	16.3	12.7	4.3	15	9.4	5.6	4.4	11.6	8.6	10.7	6.2	10.9	12.9	11.3	4	28.3	1	5.4	15.6	7.9	48.1	14.3	20.3	48.7	5.6	4.1	35.7	8	34.4	15.5	9.4	11.5	5.6	7.3	5.3	4.9	2.4	12.3	9	
3	10	56	13	12.5	9.9	114	21.3	9.8	40.1	23.5	26	9.2	27.4	5.4	9.9	16.9	21.9	5	26.1	21.8	4.6	14.9	9.4	42.6	12.6	8.2	19.2	9.5	48.3	27.6	11.6	48.9	20.1	10.2	49.9	21.6	48.6	41.4	9.2	11	19.1	20.6	18.6	23.8	12.9	26.5	5.9		
4	35.2	29.3	12.2	16.8	14.6	87.6	6.2	16.9	41.7	18.1	6.4	14.8	13.5	18.9	15.5	6.3	2.6	3.2	21.3	4.4	13.2	28.5	19.4	14.6	15.9	12	16	23.6	18.5	49.9	7.2	36	50.5	6.1	14.7	23.2	10.1	14.2	14.8	18.6	20.8	4.8	5.3	5	6.7	12.1	2.2	19.6	
5	27.5	43.7	17.4	18	13.8	102	20.1	20.6	20.8	1.9	22.8	16.8	6.6	19.8	19.3	12.4	16.8	19	19.8	13.8	4.9	20.8	11.6	15.8	30.2	15.4	15.8	16	14.9	29.1	29	28.3	29.7	18.8	17.8	37.5	9.3	35.3	29.1	23.1	25.2	14.2	19.3	17.3	11.5	11.1	14.1	17.3	
6	40.2	25.4	14.1	18.2	17.5	83.7	6.4	18.9	46.7	23.1	2.1	17.7	20	21.5	17.4	14.7	7	6.9	24.2	14.6	18.2	33.5	24.4	17.5	11.9	14.9	18.9	28.7	21.4	54.9	1.5	41	55.5	9.5	17.9	19.2	15.1	17	2.5	20.5	22.7	11.9	6.5	8.9	17.4	15	9.3	22.5	
7	17.9	52.4	9.7	9.2	9.7	111	19.3	5.1	42	25.4	21.3	9	25.6	4.2	8.2	15	23.2	20.2	10.5	19.1	23.6	12.5	16.7	9.5	38.9	12.3	7.6	21	11.2	50.2	22.9	19.6	50.8	15.6	8.9	46.3	18.6	44.1	24.1	3	3.8	18.6	19	16.1	15.5	12.4	20.8	12.3	
8	25.1	34.8	5.1	8.7	9.5	93.2	4	10.7	42.2	18.6	9.3	9.7	17.3	13.3	9.3	4.9	8.2	5	16.2	4.5	13.2	18.4	16.1	9.6	21.4	5.4	10.9	20.4	13.4	50.4	10.9	25.9	51	1.5	9.9	28.7	10.3	19.7	12.1	12.4	14.6	3.9	3.8	1.1	7.2	7	5.7	14.6	
9	23.4	39.5	4.8	6.4	7.9	97.8	6.2	8.1	40.5	16.9	10.8	8.1	15.7	10.7	6.8	3.8	9.9	6.7	14.6	4.5	11.5	16.8	14.4	7.9	26	3.7	9.3	18.7	11.8	48.8	12.4	24.2	49.3	2.9	8.3	33.3	8.6	21.4	13.6	11.7	13.9	3.9	5.5	3.4	5.5	5.4	7.5	12.9	
10	18	47	4.4	4.2	7.8	105	14.6	1.2	40.6	21.5	16.7	7	20.3	3.5	2.2	9.6	20.1	15.6	10.5	11.3	16.1	12.6	15.3	6.3	33.6	5.5	7.2	19.6	9.8	48.8	18.2	19.6	49.4	9.7	5.6	40.9	13.2	38.7	19.5	3.7	5.8	11.1	14.3	11.4	10.1	7.4	17.5	10.9	
11	9.3	54.2	13.4	10.6	8.1	112	19.5	11.6	38.3	21.7	24.1	7.4	25.5	7.2	11.4	15	27.2	20	0	24.2	19.9	2.7	13	7.6	40.7	10.7	18.3	17.3	5.6	46.5	25.7	10.2	47.1	18.3	8.3	48	19.7	45.8	39.6	11.7	12.8	17.2	18.8	16.8	22	11.1	24.6	3.5	
13	3.4	61.7	20.9	18.1	15.6	120	27	18.6	45.8	29.2	31.6	14.9	32.9	14.2	18.9	22.6	34.7	27.5	10.7	31.8	27.4	7.1	20.5	15.1	48.2	18.2	13.8	24.8	15.1	54	33.2	5.4	54.6	25.8	15.8	55.5	27.2	54.1	47.1	18.7	20.2	24.7	26.3	24.3	29.5	18.6	32.1	11.5	
14	11	69.6	28.9	26.1	23.5	128	35	26.6	53.7	37.1	39.6	22.8	40.9	22.2	26.8	30.5	42.7	35.5	18.7	39.7	35.4	15	28.5	23	56.2	26.2	21.8	32.8	23.1	62	41.2	13.5	62.5	33.7	23.8	63.5	35.2	62.1	55.1	26.6	28.1	32.7	34.3	32.2	37.5	26.5	40.1	19.5	
15	18.3	46.9	4.2	4.5	8.6	105	14.5	1.2	40.9	21.3	16.5	7.3	20.1	3.8	2.6	9.5	19.9	15.4	10.9	11.2	15.9	12.9	15.7	6.9	33.4	6.3	7.6	20	10.1	49.1	18.1	20	49.7	9.6	5.9	40.7	13.1	39.3	19.3	3.8	5.9	11	14.1	11.3	10	8.9	17.3	11.2	
16	27.1	32.9	9.2	13.8	11.6	91.2	3.1	14	44.2	20.6	8.4	11.8	15.5	15.9	12.6	4.4	6.2	3.5	18.3	4.4	15.2	20.5	18.1	11.6	19.5	9	13	22.4	15.5	52.4	10	27.9	53	2.7	12	26.8	12.3	17.8	11.2	15.7	17.9	4.8	2.3	1.8	6.7	9.1	3.8	16.6	
17	24.9	34.7	5.2	8.7	9.4	93	3.8	10.9	42	18.4	9.3	9.6	17.2	13.5	9.4	6.6	8	4.7	16.1	4.3	13	18.3	15.9	9.4	21.2	5.2	10.8	20.2	13.3	50.3	10.9	25.7	50.8	1.6	9.8	28.6	10.1	19.6	12.2	12.5	14.7	3.7	3.5	0.7	7	6.9	5.6	14.4	
18	16.2	48.2	8	5.2	0.7	106	12.8	9.4	32.3	15.7	17.4	2.2	19.4	6.7	6.5	8.3	16.6	13.3	7.1	11	13.9	9.6	6.7	2	34.7	4.7	2.1	11	3.1	40.5	19	17	41.1	11.5	3.4	42	13.7	40.6	20.2	8.3	11.7	10.5	12	10	8.8	3.6	18.6	5.5	
19	16.2	44.5	6.8	4	1.9	103	11.6	8.2	34.5	18.8	16.2	0.85	17.8	5.2	5.2	7.1	15.4	12.1	7.3	9.9	13.6	9.6	10.1	0.7	31.1	3.4	1.9	14.5	3.7	43.6	17.8	17	44.2	10.4	1.7	38.4	10.7	36.9	19	6.9	10.3	9.3	10.9	8.7	7.6	3.2	13	5.7	
20	20.7	45.8	19.5	13.3	7.1	104	22.2	17.6	27.2	13.3	25	10.1	17.1	13.1	14.1	14.6	18.9	21.2	13.1	15.9	11.6	14.1	2.3	9	32.4	10.9	9.1	6.7	8.2	35.4	31.2	21.6	36	20.1	11.1	39.7	11.4	38.3	31.3	16.2	18.7	16.3	21.5	19.5	13.7	9.6	16.3	10.6	
21	34.2	26.3	15.4	19.5	18.7	84.6	7.6	20.2	54.7	31.1	3.3	18.9	28	22.8	18.8	15.9	15.5	8.1	25.4	13.7	26.2	27.6	32.3	18.7	12.8	16.1	20.1	36.6	22.6	62.9	1.4	35	63.5	12.5	19.1	20.1	23.1	18.7	0.5	21.9	24	13.1	7.7	10.1	16.3	16.2	17.3	23.7	
22	24.7	34.2	5.7	11.4	9.2	92.5	3.2	11.4	41.8	18.2	8.3	9.4	17	13.5	10	6.4	7.5	4.1	15.9	4.1	12.8	18.1	35.2	9.2	20.7	5.5	10.6	20.1	13.1	50.1	9.9	14.5	25.5	10.3	13.1	9.6	28.1	9.9	19.1	11.1	13.1	15.3	3.5	2.9	0.18	6.8	6.7	5.1	14.2
24	26	34.2	8.2	12.7	10.5	93.2	2.1	13	43.2	19.5	7.3	10.7	18.3	14.8	11.5	7.7	8.2	2.5	17.2	5.5	14.1	19.4	17.1	10.6	21.4	8	11.9	21.4	14.4	51.4	8.9	26.9	52	2.5	10.9	28.7	11.3	19.8	10.1	14.6	16.8	4.9	1.2	1.8	8.2	8	5.8	15.6	
25	26.3	32.9	7.7	13	10.8	91.2	4.6	13.9	41.9	18.3	9.8	11	14.3	15.1	12.7	3.6	6.2	4.1	17.5	2.6	13.4	19.7	19.5	10.9	19.4	8.3	12.2	23.8	14.7	50.1	11.4	27.2	50.7	3.8	11.2	26.7	10.3	17.8	18.3	17.1	19.3	1.6	3.7	2.7	4.9	8.3	3.8	15.9	
26	32.3	30.7	15.3	16	15.7	89	7	18.5	38.8	15.2	7.7	15.9	12.1	20	17.3	6.6	3.8	4.8	24.6	4.7	10.3	25.6	16.5	15.7	17.3	13.4	17	20.7	19.7	47	16.1	33.1	47.6	6.5	16.1	24.6	7.2	23.3	16.2	21.1	23.2	5.1	6.1	5.3	9.5	13.1	0.35	22.1	
27	24.7	40.9	14.6	15.2	11	99.2	17.3	17.8	23.8	4.8	20	14	7.5	17	16.5	9.6	14.7	16.2	17	11	2.8	18	8.8	13	27.4	12.6	13	13.1	12.1	32	19.2	25.5	32.6	16.1	15.3	34.7	6.5	33.5	26.3	19.3	22.4	11.4	16.5	14.5	8.7	8.3	11.3	14.5	
28	32	50.3	24	24.6	18.4	109	26.7	27.2	14.2	5.2	29.4	21.4	13.2	24.4	25.4	19	24.2	25.6	24.4	20.4	11.6	25.4	16.2	20.3	36.8	22	20.4	20.5	19.5	22.4	35.7	32.9	23	25.5	22.9	44.2	15.9	42.9	35.7	27.5	30	20.8	26	23.9	18.1	17.7	20.8	21.9	
29	31.8	31.1	14.9	15.6	15.2	89.4	8.1	18.1	38.3	14.7	10.2	15.4	11.6	19.5	16.8	9.9	3.8	5.8	24.1	5.7	9.8	25.2	16	15.2	17.6	12.9	16.6	20.3	19.2	46.6	16.5	32.6	47.2	7.6	15.6	25	6.7	15	16.5	20.6	22.7	6.							

Tabla 28. Matriz de distancias (Parte 3)

KM	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
55	40.8	29.1	20.2	11.3	35.8	29.8	41	21.3	25.9	24.3	19.2	11.9	3.9	11.7	19.5	26	25.6	16.4	17	21.5	48.1	25.4	26.6	26.6	33.4	25.7	32.9	33.5	35.2	30.9	32.1	26	46.8	28	24.3	21.1	38	21	34.6	23.7	36	22	21.4	11.4	17.5	13.8	27.6	23.4							
57	27	33.6	43.7	56.4	30.8	45.3	26.6	49.6	36	41.5	49.2	55.3	61.6	71.3	48.3	35.6	36.8	47	45.3	46.1	26.5	36.3	34.6	35.5	31.6	40.6	54.9	31.6	29.7	38.1	36	40.1	68.7	38	39.7	45.1	27.9	45.5	27.9	36	29.3	75.2	43.3	57	46.8	65.8	42.6	40.6							
65	14.5	10.1	4.2	13.3	11.3	18	14.7	10.6	5	4.1	4.7	12.8	20.7	30.4	4.3	6.8	5.6	7.9	6.2	15.3	5.8	7.9	6.4	10.8	13.8	28.1	14.7	11.4	14	11	13.3	41.9	11	7.2	1.1	19.1	1.5	14.7	6.1	17.2	29.2	2.6	12.9	8.5	19.7	15.8	6.3								
66	17.7	12.5	3.2	11.5	13.8	19.4	19	11.3	10.2	6.3	5.3	9.2	17.2	26.8	4.9	10.4	9.9	4.3	2.7	11.8	19.8	9.8	10.9	10.9	14.2	15.2	23.2	16.1	17.8	15.4	12.4	14.7	37	12.5	8.6	2.8	20.6	2.7	18.9	8	18.6	29.8	4.2	11.5	7.1	20.3	17.2	7.7							
68	18.7	13.5	4.9	9	14.8	15	19	10.8	10.2	8.6	7.9	6.7	14.7	24.4	8.2	10.4	9.9	1.1	2.2	6.4	19.8	9.8	10.9	10.9	14.2	10.9	18.1	16.2	17.8	15.4	12.4	11.2	32	12.5	8.6	6.6	20	6.4	18.9	8	18.6	28.3	6.1	10	7.5	18.9	12.8	7.7							
69	84.4	91	101	114	88.1	103	83.9	107	93.3	98.8	107	113	119	129	106	93.4	94.6	105	103	104	84.2	94	92.4	93.3	89.4	98.4	113	89.3	87.5	95.9	93.8	97.9	126	95.8	97.5	103	85.7	103	85.7	93.8	87	133	101	115	105	124	100	98.4							
70	6	4.5	9.5	20.9	6.8	20.3	6.1	19.1	3.5	6	13.6	18.6	26.6	36.2	13.3	3.1	3.1	13	11.3	18.2	6.9	2.9	2.4	4.1	6.5	16.2	30.5	7.7	6.8	16.3	8.4	15.7	44.3	13.4	9.6	11.4	9.3	9.2	5.6	6.6	6.3	37.4	9.5	21.9	16.8	28	18.1	8.7							
71	18.6	16.1	8.2	11.3	17.3	22.2	18.8	5.9	10.8	8.9	1.6	12.4	18.6	29.2	1.6	13.1	11.8	10	8.5	16.9	19.7	12	15.1	13.4	16.8	18.1	28.3	19	17.4	18.2	15.2	17.6	42.1	15.3	11.5	4.8	23.4	5.4	18.8	9.6	20.7	24.4	6.2	9.4	3.8	15	19.3	9.9							
72	42.2	38.2	35.6	39.4	37.2	20.6	42.3	43.6	38.2	36.6	41.6	37.7	45.1	54.8	40.7	38.4	37.9	33.5	34.5	28.7	49.4	37.8	39	36.9	35.3	24.1	17.4	34.8	36.5	28.3	33.4	24.9	0.65	27.3	32.1	37.5	39.3	37.9	44	36.1	37.3	58.7	35.6	40.4	40.3	49.3	22.7	3.3							
73	24	19.9	17.3	23.2	18.9	2.3	24.1	27.4	19.9	18.4	22.9	22.1	28.9	38.5	22.4	20.1	19.7	17.2	19.4	13.4	31.2	19.5	20.7	18.6	17	5.8	4.8	16.6	18.3	10.1	15.2	6.7	18.6	9.1	13.8	19.2	21	19.6	25.7	17.8	19.1	42.5	17.4	24.1	33	4.4	14.7								
74	1.4	7.4	13.7	25.1	6.1	23.5	1.7	22.3	8.7	10.3	16.8	22.9	30.8	40.5	16.5	7.2	8.8	17.3	15.6	24.8	2.5	7.5	6.5	8.2	7.7	19.3	33.6	10.2	5.7	16.8	12.5	18.8	47.4	16.7	13.9	13.7	5.2	14.2	1.6	10	8	40.6	13.8	25.2	19.9	31.2	21.3	12.9							
75	18.4	13.2	4.2	9.9	14.4	18.4	18.6	9.8	9.8	8.3	6.2	7.6	15.5	25.2	6.5	10	9.6	2.8	1.1	10.1	19.4	9.4	10.6	10.6	16.2	14.3	21.5	15.8	17.5	15	12	14.6	35.4	12.1	8.3	5.1	20.2	5	18.6	7.7	18.3	29.2	5.4	10.9	6.5	19.7	16.2	7.4							
76	19.5	15.1	14.8	24.7	14.4	7.4	19.6	26.3	17.4	15.9	20.4	23.6	30.4	40.1	19.9	17.6	17.2	18.8	16.9	14.9	26.7	17	18.2	14	12.6	7.2	12.8	10.6	13.8	4.2	10.5	6.4	26.7	6.7	11.3	16.7	16.6	17.1	21.3	15.3	14.6	44.1	14.9	25.8	24.1	34.6	7.3	12.2							
77	24.4	19.3	10.5	7.9	20.5	22.2	22.9	5.2	15.9	12	4.9	8.9	16.3	26	5.3	16.1	15.6	7	7.3	14	23.7	15.5	16.6	16.7	22.3	18.1	25.4	21.8	23.5	21.1	18.1	18.4	39.2	18.2	14.4	8	26.3	8.5	22.8	13.7	24.3	22.9	10	7.5	2	13.5	20	13.5							
78	16.8	13.5	4.6	11	18.7	19.7	17	9.3	7.9	6.3	2.4	10.8	18.8	28.4	2.9	9.8	10	6.4	5	13.3	17.8	10.2	13.3	10.4	16.8	15.5	24.7	16.4	18.1	15.7	12.7	15	38.6	12.8	8.9	2.3	20.9	2.8	17	7.8	18.9	27.8	4.4	10.6	6.2	18.3	17.5	8							
79	17.2	6.2	4.4	16.1	7	13	17.3	15.9	4.6	3.8	10	13.8	21.8	31.4	9.6	4	6.8	8.2	6.6	14.4	24.4	4.4	5	3.7	6.4	8.9	23.2	9.8	7	9	4.8	8.4	37	6.1	1.6	6.4	14.2	6.8	15.8	1.8	8	35.4	4.5	17.1	13.8	25.9	10.8	1.8							
80	6.8	4.4	14.7	27.4	1.6	16.3	6.9	26.2	7.2	9.9	20.3	26.3	33.1	42.8	19.8	5.7	7	18.5	16.8	17.6	14	6.4	5.8	5.6	3.1	12.1	26.4	3.1	0.9	9.7	7.5	11.7	40.3	9.5	11.2	16.6	3.8	17	6.7	7.3	1.5	46.7	14.8	28.5	24	37.3	14.1	12.1							
81	7.2	1.7	10.6	22	3.8	21.5	8.1	20.7	5.2	7.2	15.2	19.7	27.7	37.4	14.9	4	4.9	14.2	12.5	21.6	9.3	4.4	3.3	5	4.4	16.1	30.4	5.6	5.5	12.4	7	15.6	44.2	14.6	10.7	12.5	7.1	12.9	7.9	6.8	4.8	3.9	10.7	2.3	18.3	29.5	18.2	9.8							
82	32.1	20.5	11.5	3.5	27.1	21.1	32.3	12.2	17.1	15.5	10.9	0	8.3	18	11.2	17.3	16.8	7.6	8.3	12.8	39.4	16.7	17.9	17.9	25.2	16.9	24.2	24.8	26.5	22.2	23.4	17.3	38	19.3	15.6	12.4	29.2	12.2	25.8	15	27.3	21.9	12.7	4.5	9.2	12.5	18.9	14.7							
83	13.5	4.7	6.7	19.3	5.4	15.6	13.6	18.6	4.4	4.4	12	17	25	34.6	11.6	3.5	4.5	11.4	9.7	16.9	20.7	3.9	4.6	2.9	4.2	11.5	25.7	5.3	5.5	8.1	2.7	11	39.6	8.8	2.8	8.3	10.6	8.8	11.2	2.8	6.5	38.6	6.5	20.3	16.8	29.1	13.4	3.7							
84	17.5	12.7	10.2	19.7	12.5	5.9	17.7	21.7	12.9	11.3	15.8	18.6	25.4	35.1	15.3	13	12.6	13.8	12.3	9.9	24.7	12.4	13.6	13.6	10.6	2.6	11.4	10.2	11.8	3.2	8.7	1.9	25.2	2.1	6.7	12.1	14.6	12.5	19.3	10.7	12.6	3.9	10.2	20.8	19.5	29.6	4.6	7.6							
85	34.1	22.4	13.3	5.7	29	23	34.2	13.5	19	17.4	15.6	4.4	5.7	15.4	16.3	19.2	18.7	9.5	10.2	14.7	41.2	18.6	19.7	19.8	27.1	18.8	26.1	26.7	28.3	24.1	25.2	19.2	39.9	21.1	17.5	14.2	31.1	14.1	27.7	16.8	29.2	19.3	14.5	5.8	12	9.9	20.7	16.5							
86	24.4	20.3	12.2	14.7	19.3	13.3	24.5	18.9	20.4	18.8	16.9	13.6	20.4	30.1	17.7	20.5	20.1	7.5	8.5	2.8	31.6	19.9	21.1	19	17.4	9.1	16.4	17	18.7	14.4	15.6	9.5	30.2	11.5	14.2	19.6	21.4	15.5	26.1	18.2	19.5	34	17.8	15.8	15.6	24.6	11.1	15.1							
87	18.3	13.1	4.1	8.8	14.4	17.4	18.5	9.9	9.8	8.2	6.3	6.6	14.5	24.2	6.6	9.9	9.5	1.8	1	9.1	19.4	9.3	10.5	10.5	16.1	13.2	20.5	15.7	17.4	14.9	11.9	13.6	34.3	12	8.2	5	20.1	4.9	18.5	7.6	18.2	28.2	5.3	9.9	6.7	18.7	15.2	7.3							
88	14.6	21.2	31.2	43.9	18.3	32.7	14.1	37.1	23.5	29	36.7	42.8	49.6	59.2	36.3	23.6	24.8	34.9	33.3	34.1	14.4	24.2	22.6	23.5	19.6	28.6	42.9	19.5	17.7	26.1	24	28.1	56.7	26	27.7	33.1	15.9	33.5	15.9	24	17.2	63.2	31.2	44.9	34.7	53.7	30.5	28.6							
89	15.4	9.8	0.65	12.8	15	16	15.7	12.7	4.9	3.8	6.8	10.5	18.5	28.1	6.8	6.1	6.6	5	3.4	10.9	16.5	6.5	7.6	6.7	13.1	11.8	26.1	12.7	14.4	11.9	9	11.3	39.9	9	5.2	3.1	17.1	2.8	15.6	4	15.2	31.2	1.9	13.8	10.5	21.7	13.7	4.3							
90	19.5	14.3	5.5	7.7	22.2	16.2	19.7	9.7	11	9.4	7.3	17.3	13.3	2.3	7.6	11.1	10.7	1.2	2.3	7.9	20.6	10.5	11.7	11.7	20.3	12	19.3	19.9	21.6	17.3	18.5	12.4	33.1	14.4	9.4	6.4	24.3	6.3	19.7	8.8	22.4	26.9	6.7	8.7	6.4	17.5	14	8.5							
92	28.6	24.5	15.2	18.9	23.5	17.5	28.7	23.1	20.3	18.8	21.1	17.8	24.6	34.3	19	24.7	24.3	11	12	5.9	35.8	19.9	21.1	23.2	21	12.8	20.1	20.2	22.4	18.1	19.3	13.2	33.9	15.2	17.9	16.9	25.1	16.8	29.8	18.2	23.2	37.7													

Tabla 29. Matriz de distancias (Parte 4)

KM	55	57	65	66	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	92	93	94	95	96	97	98	100	101	102	103	106	107	108	110	111	112	115	116	117	121
55	1000	63	22.3	19.4	16.9	121	28.3	20	47.1	30.5	33	16.2	35.1	15.6	20.2	23.9	36.7	28.9	12	33.1	40.6	55.9	46.7	46	29	43.6	47.3	26.1	16.5	55.3	34.6	3.1	55.9	27.2	17.7	56.8	28.6	55.6	48.4	18.6	21.5	26	27.6	25.6	24.4	19.9	33.4	12.9
57	62.6	1000	39.2	46.3	45.9	65.1	31.5	48.9	69.1	45.5	27.2	46.2	42.4	50.3	47.6	40.7	29.9	33.5	54.9	37	13.2	15	15.6	6.2	30.7	3.8	7.5	51	50	77.3	26.7	63.4	77.9	36.6	46.3	9.1	37.5	18.4	26.8	45.6	47.8	37.4	31.5	35.4	39.8	43.4	31.7	52.4
65	21.8	44.2	1000	3.8	7.5	102	8.1	4.8	42.3	18.6	13	6.8	18.2	7.4	3.5	6.8	17.8	9	12.8	8	14.7	11.5	12.1	2.6	32.1	2.6	4	19.9	10.1	50.5	14.6	20.9	51.1	5.6	6.5	38	10.4	36.7	15.8	7.3	9.4	7.5	7.8	5.8	7.3	6.2	10.6	11.2
66	18.1	45.6	4	1000	3.9	104	12.7	5.4	37.3	20.1	17.3	3.2	19.2	6	2.5	8.2	19.3	13.2	9.3	10.9	14	9	6.7	1.6	32.1	4.3	1.4	16.4	6.5	45.5	18.9	17.4	46.1	11.5	3	39.5	11.8	38.2	20.1	7.9	10	10.4	12	9.9	8.7	4.2	14.1	7.6
68	15.6	45.6	7.7	4.9	1000	104	12.7	9.2	32.3	15.7	17.3	1.7	19.6	5.6	6.5	8.2	19.3	13.2	6.8	10.9	98.3	114	104	104	86.7	101	105	11	3.2	40.5	18.9	14.9	41.1	11.5	3.1	39.5	11.8	38.2	20.1	7.8	11.2	10.4	12	9.9	8.7	3.6	14.1	5.1
69	120	64.3	96.9	104	104	1000	89.2	107	127	103	85	104	100	108	105	98.4	87.7	91.3	113	94.8	15.6	20.9	18.5	12	17.2	9.4	13.4	109	108	135	84.5	121	136	94.3	104	66.9	95.2	76.2	84.6	103	106	95.2	89.3	93.1	97.5	101	89.4	110
70	27.5	30.6	9.1	14.2	12	88.9	1000	14	44.6	21	4.7	12.2	20.5	16.5	12.5	9.2	7	1.8	18.7	7	16.8	13.8	16.5	8	34.3	7.2	8.4	22.8	15.9	52.8	6	26.7	53.4	3.6	12.4	24.5	12.7	23.2	7.3	15.6	17.8	6.4	1.2	3.1	9.6	9.5	6.4	17
71	19.2	47.7	5.1	5.6	9.2	106	15.2	1000	41.8	22.2	17.2	8.2	21.7	4.7	3.5	10.3	21.4	16.1	11.7	12	25.6	39.4	30.2	34.3	50.9	36	34.4	20.8	11	50	18.8	20.8	50.6	11.5	6.5	41.6	13.9	40.3	20	2.6	3.1	11.8	14.8	12	10.8	9.7	18.2	12.1
72	46	64.3	38	38.6	32.4	123	40.7	41.2	1000	19.3	43.4	35.4	27.3	38.4	39.4	33	38	39.6	38.4	34.4	7.3	23.2	14	18.1	32.6	17.7	18.2	34.5	33.5	8.9	49.7	46.9	9.5	39.6	36.9	58.2	29.9	56.9	49.6	41.5	44	34.8	40	38	32.1	31.7	34.8	35.9
73	29.8	46.1	19.7	20.4	16.2	104	22.4	23	19	1000	25.2	19.2	9	22.2	21.7	14.8	19.1	21.4	22.1	16.1	19.3	25.1	25.4	16.3	12.7	13.7	17.6	18.3	17.2	27.2	31.4	30.6	27.8	21.3	20.4	39.9	11.6	38.6	31.5	25.5	27.6	16.5	21.7	19.7	13.9	13.5	16.5	19.7
74	31.8	26.2	12.3	16.4	16.2	84.5	4.9	17.1	47.8	24.1	1000	16.5	21	19.7	15.7	13.4	8.1	5.7	22.9	11.2	14.3	9.9	10.4	1	31.8	3.5	2.4	29.7	20.2	56	1.6	31	56.6	9.5	16.6	20	16.2	18.7	2.8	18.8	21	10.7	5.3	7.7	13.9	13.7	10.4	21.3
75	16.5	45.3	6.2	3.4	2.9	104	12.3	7.1	35.7	19.1	17	1000	19.2	4.4	4.4	7.9	18.9	12.8	7.6	10.6	5.8	24.7	15.6	17.6	28.1	15.2	19.7	14.7	4.9	43.9	18.5	15.7	44.5	11.2	1.6	39.1	11.4	37.8	19.8	6.1	9.5	10	11.6	9.6	8.3	3.9	13.7	6
76	31.4	41.6	17.2	17.9	17.5	99.9	19.9	20.5	27	8	24.6	17.8	1000	21.9	19.2	12.3	15.3	16.9	23.7	11.5	21.2	11	14.3	7.1	37.9	9.8	6.2	19.8	18.8	35.2	26.9	32.2	35.8	18.8	17.9	35.5	9.1	34.2	27	23	25.1	11.9	19.2	17.2	11.4	15	12.1	21.2
77	16.4	51.3	8.9	8.7	7.2	110	18.4	5.8	39.5	22.9	21.2	6.5	25.3	1000	5.8	13.9	25	18.9	9	16.7	15	14.1	13.7	5	32.4	4	5.5	18.6	8.7	47.7	22.8	18.1	48.3	15.5	6.4	45.2	17.5	43.9	24	3.4	5.6	16.1	17.7	15.7	14.4	9.9	19.8	9.8
78	19.5	45.9	3.2	2.6	6.2	104	13.3	3.4	38.9	20.4	15.4	5.3	19.9	5.1	1000	8.5	19.6	14.2	10.9	10.2	8.3	16.1	15	7.2	25.8	4.9	8.6	17.9	8.1	47.1	16.9	21.2	47.7	8.6	3.8	39.7	12.1	38.5	18.2	5.9	8	10	13	10.1	9	6	16.3	9.2
79	22.7	39.2	6.9	7.6	7.2	97.6	9.6	10.1	37.3	13.7	14.2	7.4	13.2	11.5	8.8	1000	8.7	7.5	13.9	2.3	12.1	27.4	18.3	17.5	15.4	15.2	18.8	19.3	11.1	45.6	15.8	22	46.1	5.8	7.6	33.1	5.4	31.8	24.7	12.6	14.7	2.1	8.9	4.6	1.6	4.7	6.3	12.2
80	34.1	28.9	17.1	17.8	17.5	87.2	7.7	20.4	40.6	17	6.5	17.7	13.9	21.8	19.1	12.2	1000	4.7	26.4	5.9	16.2	22	19.7	13.2	18.7	10.6	14.5	22.5	21.5	48.8	14.2	34.9	49.4	7.8	17.9	22.7	9	13.4	14.3	22.9	25	6.3	6.2	6.6	11.3	14.9	3.2	23.9
81	28.6	32.2	10.7	15.3	13.1	90.5	2.5	15.5	44.8	21.1	6.8	13.3	16.7	17.4	14	7.5	5.5	1000	19.8	5.6	20	2.6	13.1	7.7	40.8	10.8	6.4	23.9	17	53	8.1	27.9	53.6	5.6	13.5	26	13.2	17	9.3	17.1	19.3	5.9	2.1	4.6	10.8	10.6	4.3	38.2
82	9.3	54.3	13.5	10.7	8.2	113	19.6	11.7	38.4	21.8	24.2	7.5	25.5	7.3	11.5	15.1	27.9	20.1	1000	24.3	11.4	19.3	17.6	10.4	22.2	6.9	11.8	17.4	5.6	46.6	25.8	10.1	47.2	18.5	8.9	48.1	19.8	46.8	39.7	11.8	12.9	17.3	18.9	16.9	15.6	11.2	24.7	3.5
83	25.9	35.6	8.1	12.6	10.4	93.9	7.3	12.1	39.9	16.3	11.9	10.6	12.3	14.7	10.8	21	7.2	6	17.1	1000	11.4	19.3	17.6	10.4	22.2	6.9	11.8	17.4	5.6	46.6	25.8	10.1	47.2	18.5	8.9	48.1	19.8	46.8	39.7	11.8	12.9	17.3	18.9	16.9	15.6	11.2	24.7	3.5
84	26.4	39.6	12.6	13.3	12.9	97.9	15.3	15.9	25.5	6.6	20	13.2	5.8	17.3	10.6	7.7	13.3	15.8	18.7	9.1	1000	19.7	17.5	13	26.2	10.6	14.7	14.8	13.8	33.8	25	27.2	34.3	14.2	13.3	33.5	4.5	32.2	25.1	18.3	20.5	9.5	14.6	12.6	6.8	10.4	10.1	16.2
85	6.7	56.1	15.4	12.6	10	114	21.5	14.5	40.2	23.6	26.1	9.3	27.4	10	13.3	17	29.8	22	4.4	26.2	21.9	1000	15	9.6	42.7	12.7	8.3	19.3	7.4	48.5	27.7	7.5	49.1	20.4	10.8	50	21.7	48.7	41.6	13.1	17.6	19.2	20.8	18.7	17.5	13	26.6	5.3
86	21.4	46.5	20.1	14	7.2	105	22.8	18.2	30.6	14	25.6	10.7	17.7	13.7	14.7	15.2	20.1	21.8	13.7	16.5	12.2	14.7	1000	10.7	33	11.1	9.7	4.3	8.8	38.8	31.8	22.2	39.4	21.7	12.2	40.3	12	39	31.9	16.8	19.3	16.9	22.1	20.1	14.3	9.7	16.9	11.2
87	15.5	45.2	6.2	3.3	2	103	12.2	7.6	34.7	18.1	16.9	0.18	19.2	4.5	4.5	7.8	18.8	12.8	6.6	10.5	16.3	9.6	9.4	1000	31.7	3.4	1.3	13.7	3.9	42.9	18.5	14.7	43.5	11.1	1.6	39	11.3	37.7	19.7	6.2	9.6	9.9	11.5	9.5	8.3	3.8	13.7	5
88	50.5	13.5	27.1	34.3	33.9	71.8	19.4	36.8	57	33.4	15.2	34.1	30.3	38.2	35.5	28.6	17.9	21.5	42.8	25	28.5	43.9	34.7	34	1000	31.6	35.3	39	37.9	65.3	14.7	51.3	65.9	24.5	34.3	7.3	25.5	6.1	14.8	33.6	35.8	25.4	19.5	23.3	27.7	31.4	19.7	40.4
89	19.4	42.2	4.6	3	4.7	100	9.4	6.9	40.3	16.6	14	4.2	16.2	8.5	4.3	4.8	15.8	9.9	10.6	6.5	11.2	12.8	11.2	3.9	28.7	1000	5.3	15.5	7.8	48.5	15.6	18.7	49.1	6.2	4.3	36	8.4	34.7	16.8	9.3	11.5	6.3	8.6	6.6	5.3	2.5	12.6	8.9
90	14.3	49.4	7.6	4.8	2	108	13.4	8	33.5	16.9	18.1	1.5	20.6	4.5	5.5	9	23	14	5.4	11.7	15.1	7.6	8.2	21	35.9	4.8	1000	12.5	2.7	41.7	19.6	13.5	42.3	12.3	3	43.2	14.9	41.9	20.9	7.2	10.1	11.1	12.7	10.7	9.5	5	19.8	3.8
92	25.1	50.2	18.1	15.3	10.8	108	22.8	19.5	34.3	17.7	27.5	14.4	21.4	17.4	18.4	18.9	23.8	25.5	17.4	20.3	15.9	18.4	4.5	12.4	36.7	14.6	13.4	1000	11.9	42.5	35.5	25.9	43.1	21.7	13.5	44	15.7	42.7	35.6	20.5	23.1	20.7	22.1	20.1	18	13.3	20.	

Tabla 31. Matriz costo del clúster 3

Costo (S/)	0	3	7	8	9	10	11	15	17	21	22	39	41	42	45	46	47	48	50	57	65	66	69	70	71	74	75	77	78	82	85	88	95	98	100	101	103	106	107	108	112
0	0	80.5	73.3	30.9	34	57.1	73.3	55.5	27.1	7.49	25.6	50.9	46.8	7.18	132	44.9	83.6	65.8	101	81.1	42.1	54.9	263	18.4	57.1	4.99	53.4	65.2	52.7	73.6	80.5	39.3	4.68	27.8	54	62.1	55.2	8.42	62.4	69.3	25.9
3	106	0	30.3	59	54	28.1	15.3	29	58	128	57.4	37.4	39.3	86.1	63.3	44.9	4.99	22.8	34.9	175	40.6	39	356	66.5	30.6	81.1	28.7	16.8	30.9	15.6	14.4	133	86.1	62.7	31.8	156	152	129	28.7	34.3	58
7	70.5	29.3	0	46.5	39.9	17.2	32.4	17.2	51.5	74.3	50.2	27.5	29	71.4	69	34	20.6	7.49	38.1	163	30.3	28.7	346	60.2	15.9	66.5	28.1	13.1	25.6	32.8	39	121	71.4	48.7	27.8	144	138	75.2	9.36	11.9	50.2
8	33.4	57.4	49.6	0	5.93	32.4	50.2	31.2	4.37	36.8	3.43	18.7	20	34	108	16.2	58.7	42.1	77.4	109	15.9	27.1	291	12.5	33.4	29	30.3	41.5	29	50.5	57.4	66.8	34	4.68	30.9	89.5	61.5	37.8	38.7	45.6	3.43
9	38.1	52.4	47.7	6.24	0	25	45.2	23.7	10.6	41.5	10.3	13.7	15	38.7	106	9.36	55.5	40.2	75.2	123	15	20	305	19.3	25.3	33.7	25.3	33.4	21.2	45.6	52.4	81.1	38.7	9.05	25.9	104	66.8	42.4	36.5	43.4	10.6
10	56.5	29.3	21.8	28.4	23.1	0	32.8	2.18	36.8	59.9	35.9	10.6	12.5	57.1	81.1	17.2	28.1	14.4	50.2	147	13.7	13.1	328	45.6	3.74	52.1	21.8	10.9	6.86	32.8	39.3	105	56.8	30.3	17.5	128	121	60.8	11.5	18.1	35.6
11	100	10.6	37.8	53	48	33.7	0	34.6	52.1	123	51.8	38.4	37.8	80.2	88.3	39.3	14	28.4	39.3	169	41.8	33.1	349	60.8	36.2	75.2	23.1	22.5	35.6	0	8.42	127	80.2	57.1	25.9	150	143	124	36.5	39.9	52.4
15	55.8	30.6	22.2	27.8	22.8	11.8	33.7	0	36.2	59.3	35.3	10.3	11.9	56.5	79.9	16.5	29.3	15.3	50.5	146	13.1	14	328	45.2	3.74	51.5	22.8	11.9	8.11	34	40.2	104	56.5	30	18.4	127	123	60.2	11.9	18.4	35.3
17	31.8	57.1	49.9	0.87	6.24	32.8	49.9	31.5	0	36.8	3.74	19	20.3	34.3	107	15.6	60.2	42.7	77.4	108	16.2	27.1	290	11.9	34	29	30	42.1	29.3	50.2	57.1	66.1	34	4.99	30.6	89.2	61.2	38.1	39	45.9	2.18
21	8.74	86.1	78.9	36.5	39.6	61.8	78.9	60.5	32.8	0	31.2	52.1	53.4	12.8	136	50.5	89.2	71.8	107	82.1	48	60.8	264	23.7	63	10.3	59	71.1	58.7	79.2	86.1	39.9	4.37	39	59.6	62.7	58.3	1.56	63.7	31.5	
22	30.3	56.5	51.2	2.65	8.74	34.6	49.3	33.1	1.72	33.7	0	20.9	22.2	30.9	117	20.9	59.6	44.6	79.2	107	17.8	35.6	289	9.98	35.6	25.9	29.3	42.1	31.2	49.6	56.5	64.6	30.9	4.06	30	87.7	59.6	34.6	40.9	47.7	0.56
39	52.1	38.7	30.6	18.4	13.4	12.2	36.8	10.6	26.2	51.5	25.6	0	1.87	48.7	88.3	7.18	37.4	23.7	58.7	137	3.74	8.74	318	34.6	12.2	43.7	18.1	20.3	8.42	36.8	44	94.8	48.7	20.3	17.8	118	114	52.4	20	26.8	26.2
41	56.2	40.6	32.4	20	15	14	36.2	12.5	24.3	53	24	1.87	0	50.2	90.2	7.2	39.3	25.6	60.5	138	5.3	7.5	321	36.2	14	45.2	17.5	22.2	8.42	36.2	43.1	96.4	50.2	21.8	16.5	119	115	54	21.8	28.7	27.8
42	13.7	75.8	68.6	26.2	29.3	51.5	68.6	50.5	22.5	16.8	20.9	41.8	43.4	0	126	40.6	77.7	61.5	96.4	90.8	37.4	50.5	273	13.7	52.7	9.98	48.7	60.5	48	69	75.8	48.7	14	28.7	49.3	71.8	67.7	17.8	57.7	64.6	21.5
45	138	70.8	70.2	114	107	81.4	90.5	84.2	117	141	117	90.8	92.4	135	0	97.3	61.2	67.1	35.9	243	93.6	88.9	424	124	79.6	130	88	73.6	88.9	83.6	72.4	201	135	112	87.7	223	219	139	69.6	67.1	114
46	45.6	44.9	36.8	14.7	10.9	18.1	38.4	16.8	20.6	51.2	20	6.86	8.11	48.7	94.5	0	43.7	30	64.9	131	8.42	10.9	312	29	18.7	43.7	17.5	26.5	14.7	37.1	44	89.2	48.4	19	17.5	112	108	52.4	26.2	33.1	20.6
47	108	6.55	24	61.2	56.2	30.9	17.5	31.8	60.2	130	59.6	41.8	43.7	85.5	58.7	48.4	0	20.3	29	180	44.9	39.9	362	72.1	30.3	80.5	34.3	19.3	33.1	21.2	19.7	138	85.2	62.4	32.8	161	157	89.2	22.8	30	63.6
48	67.1	25.6	10.9	42.7	36.8	13.1	28.7	14	49.6	70.5	49	24.3	25.9	67.7	66.1	30.6	19.3	0	36.8	161	27.1	28.1	343	58.3	12.5	62.7	21.2	6.86	21.8	29	35.3	119	67.7	44.9	20.9	142	138	71.4	4.99	12.2	49.6
50	113	45.6	45.2	88.6	82.1	56.2	62.1	59.3	91.7	116	92.4	69.6	71.1	114	29.6	75.8	39.9	45.9	0	222	72.4	67.7	402	102	58	109	66.8	52.4	67.4	62.4	51.2	179	113	90.5	66.1	202	198	117	48.4	45.9	92
57	84.2	176	155	112	129	154	173	151	115	82.7	113	141	142	87	235	135	178	146	205	0	122	144	203	98.3	153	84.9	144	157	149	171	46.8	95.8	83.3	114	144	28.4	57.4	83.6	142	149	110
65	45.2	41.5	33.1	15.6	12.8	14.7	39.9	13.4	17.5	48.4	18.1	3.43	4.68	45.9	91.1	8.11	40.2	26.5	61.5	138	0	11.9	318	25.3	15	40.6	21.2	23.1	10.9	39.9	35.9	100	45.6	17.5	20.3	119	115	49.3	22.8	29.3	18.1
66	55.2	35.9	35.3	31.8	19.7	16.5	28.7	15.3	30.9	61.8	30.6	8.74	8.42	59	93	13.1	35.9	22.2	63.3	142	12.5	0	324	39.6	16.8	54	9.98	18.7	7.8	29	28.1	100	59	35.9	9.36	123	119	62.7	24.6	31.2	30.9
69	263	356	334	291	308	334	353	331	295	263	293	321	321	267	415	315	359	328	387	201	302	324	0	278	334	265	324	337	328	353	65.2	53.7	264	294	324	209	238	264	321	331	290
70	18.7	65.2	59.6	10.9	18.7	42.4	58	41.5	9.67	21.5	9.05	35.6	28.7	17.5	117	29.6	68.3	52.4	87.4	95.5	28.4	44.3	277	0	43.7	14.7	38.1	51.5	59	58.3	43.1	107	18.7	11.2	38.7	76.4	72.4	22.8	48.7	55.5	9.67
71	58	35.3	18.4	33.7	27.8	4.99	38.7	4.99	36.8	61.5	37.4	15	16.8	58.7	76.1	19.3	29.3	11.9	46.8	149	15.9	17.5	331	47.4	0	53.7	25.6	14.7	10.9	36.5	123	159	58.7	35.9	20.3	130	126	62.4	8.11	9.67	37.4
74	4.37	78.3	69.6	27.1	32.1	52.4	71.4	51.5	27.5	7.8	23.4	42.7	44.3	4.99	127	43.1	78.6	62.1	97.3	81.7	38.4	51.2	264	15.3	53.4	0	51.5	61.5	49	71.4	30.9	99.2	4.99	29.6	51.8	62.4	58.3	8.74	58.7	65.5	24
75	57.4	30.9	30.6	30.6	25.9	19.3	23.7	20.3	30	60.5	29.3	15.9	15.6	58	91.1	16.8	34	20.3	61.5	141	19.3	10.6	324	38.4	22.2	53	0	13.7	13.7	23.7	77.1	87.7	57.7	34.9	4.99	122	118	61.8	19	29.6	30
77	76.1	24.6	16.2	49.6	37.4	15.3	27.8	16.5	48.7	73.9	48.4	25	26.5	71.1	71.4	31.2	23.4	6.24	42.1	160	27.8	27.1	343	57.4	18.1	66.1	20.3	0	18.1	28.1	44	101	71.1	48.4	20	141	137	74.9	10.6	17.5	49
78	52.4	34.3	29	24.6	19.7	7.49	33.7	9.05	31.2	55.5	31.8	7.18	8.74	53	86.7	13.7	33.1	19.3	57.1	143	9.98	8.11	324	41.5	10.6	48	16.5	15.9	0	34	50.2	80.5	52.7	26.8	11.9	124	120	56.8	18.4	25	31.5
82	100	10.9	38.1	53.4	48.4	34	0	34.9	52.4	123	52.1	38.7	38.1	80.5	68.3	39.6	14	28.7	39	169	42.1	33.4	353	61.2	36.5	75.5	23.4	22.8	35.9	0	60.2	69.3	80.5	57.7	27.8	150	146	124	36.8	40.2	52.7
85	106	17.8	42.1	59.3	54.3	48.7	13.7	50.9	58.3	129	58	44.3	44	86.4	60.2	45.2	18.1	37.4	30.9	175	48	39.3	356	67.1	45.2	81.4	29	31.2	41.5	13.7	0	133	86.4	63.6	33.7	156	152	130	40.9	54.9	58.3
88	45.6	137	116	73.3	90.5	115	134	113	77.4	44.9	75.5	103	105	49.6	197	97.3	140	108	168	42.1	84.6	107	224	60.5	115	47.4	106	119	111	134	137	0	45.9	76.4	107	22.8	19	46.2	105	112	72.7
95	4.06	81.4	74.3	31.8	34.9	57.1	74.3	56.2	28.1	3.74	26.5	47.4	48.7	7.8	131	45.9	83.3	66.8	102	79.2	43.1	55.8	261	19	58	5.62	54														

Figura 7. Solución Clúster 1

Global optimal solution found.
 Objective value: 710.9375
 Objective bound: 710.9375
 Infeasibilities: 0.000000
 Extended solver steps: 3
 Total solver iterations: 157

Variable	Value	Reduced Cost
N	6.000000	0.000000
VAR_ENT_CLUSTER1 (1)	0.000000	0.000000
VAR_ENT_CLUSTER1 (2)	0.000000	0.000000
VAR_ENT_CLUSTER1 (3)	1.000000	0.000000
VAR_ENT_CLUSTER1 (4)	2.000000	0.000000
VAR_ENT_CLUSTER1 (5)	4.000000	0.000000
VAR_ENT_CLUSTER1 (6)	5.000000	0.000000
COSTO_CLUSTER1 (1, 1)	0.000000	0.000000
COSTO_CLUSTER1 (1, 2)	4.916580	0.000000
COSTO_CLUSTER1 (1, 3)	26.22176	0.000000
COSTO_CLUSTER1 (1, 4)	305.4835	0.000000
COSTO_CLUSTER1 (1, 5)	359.2381	0.000000
COSTO_CLUSTER1 (1, 6)	363.1714	0.000000
COSTO_CLUSTER1 (2, 1)	8.522073	0.000000
COSTO_CLUSTER1 (2, 2)	0.000000	0.000000
COSTO_CLUSTER1 (2, 3)	26.87731	0.000000
COSTO_CLUSTER1 (2, 4)	306.1391	0.000000
COSTO_CLUSTER1 (2, 5)	359.8937	0.000000
COSTO_CLUSTER1 (2, 6)	363.8270	0.000000
COSTO_CLUSTER1 (3, 1)	30.15503	0.000000
COSTO_CLUSTER1 (3, 2)	30.81057	0.000000
COSTO_CLUSTER1 (3, 3)	0.000000	0.000000
COSTO_CLUSTER1 (3, 4)	282.5395	0.000000
COSTO_CLUSTER1 (3, 5)	336.9496	0.000000
COSTO_CLUSTER1 (3, 6)	340.8829	0.000000
COSTO_CLUSTER1 (4, 1)	276.6396	0.000000
COSTO_CLUSTER1 (4, 2)	277.2951	0.000000
COSTO_CLUSTER1 (4, 3)	257.6288	0.000000
COSTO_CLUSTER1 (4, 4)	0.000000	0.000000
COSTO_CLUSTER1 (4, 5)	58.34342	0.000000
COSTO_CLUSTER1 (4, 6)	62.27669	0.000000
COSTO_CLUSTER1 (5, 1)	330.3942	0.000000
COSTO_CLUSTER1 (5, 2)	331.0498	0.000000
COSTO_CLUSTER1 (5, 3)	310.7279	0.000000
COSTO_CLUSTER1 (5, 4)	61.62114	0.000000
COSTO_CLUSTER1 (5, 5)	0.000000	0.000000
COSTO_CLUSTER1 (5, 6)	3.933264	0.000000
COSTO_CLUSTER1 (6, 1)	334.3275	0.000000
COSTO_CLUSTER1 (6, 2)	334.9830	0.000000
COSTO_CLUSTER1 (6, 3)	314.6612	0.000000
COSTO_CLUSTER1 (6, 4)	64.89886	0.000000
COSTO_CLUSTER1 (6, 5)	3.933264	0.000000
COSTO_CLUSTER1 (6, 6)	0.000000	0.000000
ARCO_CLUSTER1 (1, 1)	0.000000	0.000000
ARCO_CLUSTER1 (1, 2)	1.000000	4.916580
ARCO_CLUSTER1 (1, 3)	0.000000	26.22176
ARCO_CLUSTER1 (1, 4)	0.000000	305.4835
ARCO_CLUSTER1 (1, 5)	0.000000	359.2381
ARCO_CLUSTER1 (1, 6)	0.000000	363.1714
ARCO_CLUSTER1 (2, 1)	0.000000	8.522073
ARCO_CLUSTER1 (2, 2)	0.000000	0.000000
ARCO_CLUSTER1 (2, 3)	1.000000	26.87731
ARCO_CLUSTER1 (2, 4)	0.000000	306.1391
ARCO_CLUSTER1 (2, 5)	0.000000	359.8937
ARCO_CLUSTER1 (2, 6)	0.000000	363.8270
ARCO_CLUSTER1 (3, 1)	0.000000	30.15503
ARCO_CLUSTER1 (3, 2)	0.000000	30.81057
ARCO_CLUSTER1 (3, 3)	0.000000	0.000000
ARCO_CLUSTER1 (3, 4)	1.000000	282.5395
ARCO_CLUSTER1 (3, 5)	0.000000	336.9496
ARCO_CLUSTER1 (3, 6)	0.000000	340.8829

ARCO_CLUSTER1 (4, 1)	0.000000	276.6396
ARCO_CLUSTER1 (4, 2)	0.000000	277.2951
ARCO_CLUSTER1 (4, 3)	0.000000	257.6288
ARCO_CLUSTER1 (4, 4)	0.000000	0.000000
ARCO_CLUSTER1 (4, 5)	1.000000	58.34342
ARCO_CLUSTER1 (4, 6)	0.000000	62.27669
ARCO_CLUSTER1 (5, 1)	0.000000	330.3942
ARCO_CLUSTER1 (5, 2)	0.000000	331.0498
ARCO_CLUSTER1 (5, 3)	0.000000	310.7279
ARCO_CLUSTER1 (5, 4)	0.000000	61.62114
ARCO_CLUSTER1 (5, 5)	0.000000	0.000000
ARCO_CLUSTER1 (5, 6)	1.000000	3.933264
ARCO_CLUSTER1 (6, 1)	1.000000	334.3275
ARCO_CLUSTER1 (6, 2)	0.000000	334.9830
ARCO_CLUSTER1 (6, 3)	0.000000	314.6612
ARCO_CLUSTER1 (6, 4)	0.000000	64.89886
ARCO_CLUSTER1 (6, 5)	0.000000	3.933264
ARCO_CLUSTER1 (6, 6)	0.000000	0.000000

Row	Slack or Surplus	Dual Price
1	0.000000	0.000000
2	710.9375	-1.000000
3	0.000000	0.000000
4	0.000000	0.000000
5	0.000000	0.000000
6	0.000000	0.000000
7	0.000000	0.000000
8	0.000000	0.000000
9	0.000000	0.000000
10	0.000000	0.000000
11	0.000000	0.000000
12	0.000000	0.000000
13	0.000000	0.000000
14	0.000000	0.000000
15	5.000000	0.000000
16	0.000000	0.000000
17	7.000000	0.000000
18	9.000000	0.000000
19	10.00000	0.000000
20	4.000000	0.000000
21	5.000000	0.000000
22	0.000000	0.000000
23	8.000000	0.000000
24	9.000000	0.000000
25	3.000000	0.000000
26	4.000000	0.000000
27	5.000000	0.000000
28	1.000000	0.000000
29	8.000000	0.000000
30	1.000000	0.000000
31	2.000000	0.000000
32	3.000000	0.000000
33	5.000000	0.000000
34	0.000000	0.000000
35	0.000000	0.000000
36	1.000000	0.000000
37	2.000000	0.000000
38	4.000000	0.000000
39	5.000000	0.000000

Figura 8. Solución Clúster 2

Global optimal solution found.
 Objective value: 466.6680
 Objective bound: 466.6680
 Infeasibilities: 0.8881784E-15
 Extended solver steps: 9440
 Total solver iterations: 852590

Variable	Value	Reduced Cost
N	51.00000	0.000000
VAR_ENT_CLUSTER2 (1)	0.000000	0.000000
VAR_ENT_CLUSTER2 (2)	48.00000	0.000000
VAR_ENT_CLUSTER2 (3)	12.00000	0.000000
VAR_ENT_CLUSTER2 (4)	49.00000	0.000000
VAR_ENT_CLUSTER2 (5)	30.00000	0.000000
VAR_ENT_CLUSTER2 (6)	17.00000	0.000000
VAR_ENT_CLUSTER2 (7)	18.00000	0.000000
VAR_ENT_CLUSTER2 (8)	44.00000	0.000000
VAR_ENT_CLUSTER2 (9)	23.00000	0.000000
VAR_ENT_CLUSTER2 (10)	13.00000	0.000000
VAR_ENT_CLUSTER2 (11)	26.00000	0.000000
VAR_ENT_CLUSTER2 (12)	45.00000	0.000000
VAR_ENT_CLUSTER2 (13)	43.00000	0.000000
VAR_ENT_CLUSTER2 (14)	3.000000	0.000000
VAR_ENT_CLUSTER2 (15)	32.00000	0.000000
VAR_ENT_CLUSTER2 (16)	27.00000	0.000000
VAR_ENT_CLUSTER2 (17)	2.000000	0.000000
VAR_ENT_CLUSTER2 (18)	50.00000	0.000000
VAR_ENT_CLUSTER2 (19)	35.00000	0.000000
VAR_ENT_CLUSTER2 (20)	5.000000	0.000000
VAR_ENT_CLUSTER2 (21)	33.00000	0.000000
VAR_ENT_CLUSTER2 (22)	28.00000	0.000000
VAR_ENT_CLUSTER2 (23)	37.00000	0.000000
VAR_ENT_CLUSTER2 (24)	39.00000	0.000000
VAR_ENT_CLUSTER2 (25)	42.00000	0.000000
VAR_ENT_CLUSTER2 (26)	0.000000	0.000000
VAR_ENT_CLUSTER2 (27)	31.00000	0.000000
VAR_ENT_CLUSTER2 (28)	9.000000	0.000000
VAR_ENT_CLUSTER2 (29)	19.00000	0.000000
VAR_ENT_CLUSTER2 (30)	22.00000	0.000000
VAR_ENT_CLUSTER2 (31)	29.00000	0.000000
VAR_ENT_CLUSTER2 (32)	36.00000	0.000000
VAR_ENT_CLUSTER2 (33)	8.000000	0.000000
VAR_ENT_CLUSTER2 (34)	1.000000	0.000000
VAR_ENT_CLUSTER2 (35)	47.00000	0.000000
VAR_ENT_CLUSTER2 (36)	6.000000	0.000000
VAR_ENT_CLUSTER2 (37)	34.00000	0.000000
VAR_ENT_CLUSTER2 (38)	24.00000	0.000000
VAR_ENT_CLUSTER2 (39)	14.00000	0.000000
VAR_ENT_CLUSTER2 (40)	11.00000	0.000000
VAR_ENT_CLUSTER2 (41)	15.00000	0.000000
VAR_ENT_CLUSTER2 (42)	25.00000	0.000000
VAR_ENT_CLUSTER2 (43)	21.00000	0.000000
VAR_ENT_CLUSTER2 (44)	20.00000	0.000000
VAR_ENT_CLUSTER2 (45)	38.00000	0.000000
VAR_ENT_CLUSTER2 (46)	7.000000	0.000000
VAR_ENT_CLUSTER2 (47)	46.00000	0.000000
VAR_ENT_CLUSTER2 (48)	41.00000	0.000000
VAR_ENT_CLUSTER2 (49)	10.00000	0.000000
VAR_ENT_CLUSTER2 (50)	4.000000	0.000000
VAR_ENT_CLUSTER2 (51)	16.00000	0.000000
COSTO_CLUSTER2 (1, 1)	0.000000	0.000000
COSTO_CLUSTER2 (1, 2)	18.32800	0.000000
COSTO_CLUSTER2 (1, 3)	35.72800	0.000000
COSTO_CLUSTER2 (1, 4)	13.68800	0.000000
COSTO_CLUSTER2 (1, 5)	51.73600	0.000000
COSTO_CLUSTER2 (1, 6)	73.08000	0.000000
COSTO_CLUSTER2 (1, 7)	95.35200	0.000000
COSTO_CLUSTER2 (1, 8)	18.09600	0.000000
COSTO_CLUSTER2 (1, 9)	41.52800	0.000000
COSTO_CLUSTER2 (1, 10)	37.81600	0.000000
COSTO_CLUSTER2 (1, 11)	52.66400	0.000000
COSTO_CLUSTER2 (1, 12)	16.47200	0.000000
COSTO_CLUSTER2 (1, 13)	20.41600	0.000000
COSTO_CLUSTER2 (1, 14)	16.70400	0.000000
COSTO_CLUSTER2 (1, 15)	41.99200	0.000000
COSTO_CLUSTER2 (1, 16)	75.16800	0.000000
COSTO_CLUSTER2 (1, 17)	21.11200	0.000000
COSTO_CLUSTER2 (1, 18)	13.22400	0.000000

COSTO_CLUSTER2 (1, 19)	36.19200	0.000000
COSTO_CLUSTER2 (1, 20)	32.01600	0.000000
COSTO_CLUSTER2 (1, 21)	40.83200	0.000000
COSTO_CLUSTER2 (1, 22)	107.1840	0.000000
COSTO_CLUSTER2 (1, 23)	35.96000	0.000000
COSTO_CLUSTER2 (1, 24)	39.90400	0.000000
COSTO_CLUSTER2 (1, 25)	24.59200	0.000000
COSTO_CLUSTER2 (1, 26)	13.45600	0.000000
COSTO_CLUSTER2 (1, 27)	46.63200	0.000000
COSTO_CLUSTER2 (1, 28)	31.55200	0.000000
COSTO_CLUSTER2 (1, 29)	75.16800	0.000000
COSTO_CLUSTER2 (1, 30)	39.20800	0.000000
COSTO_CLUSTER2 (1, 31)	53.12800	0.000000
COSTO_CLUSTER2 (1, 32)	46.16800	0.000000
COSTO_CLUSTER2 (1, 33)	29.92800	0.000000
COSTO_CLUSTER2 (1, 34)	16.00800	0.000000
COSTO_CLUSTER2 (1, 35)	14.84800	0.000000
COSTO_CLUSTER2 (1, 36)	27.60800	0.000000
COSTO_CLUSTER2 (1, 37)	41.99200	0.000000
COSTO_CLUSTER2 (1, 38)	56.14400	0.000000
COSTO_CLUSTER2 (1, 39)	39.20800	0.000000
COSTO_CLUSTER2 (1, 40)	33.17600	0.000000
COSTO_CLUSTER2 (1, 41)	42.22400	0.000000
COSTO_CLUSTER2 (1, 42)	66.12000	0.000000
COSTO_CLUSTER2 (1, 43)	46.16800	0.000000
COSTO_CLUSTER2 (1, 44)	73.54400	0.000000
COSTO_CLUSTER2 (1, 45)	34.80000	0.000000
COSTO_CLUSTER2 (1, 46)	26.21600	0.000000
COSTO_CLUSTER2 (1, 47)	13.68800	0.000000
COSTO_CLUSTER2 (1, 48)	40.13600	0.000000
COSTO_CLUSTER2 (1, 49)	33.40800	0.000000
COSTO_CLUSTER2 (1, 50)	22.04000	0.000000
COSTO_CLUSTER2 (1, 51)	50.80800	0.000000
COSTO_CLUSTER2 (2, 1)	16.00800	0.000000
COSTO_CLUSTER2 (2, 2)	0.000000	0.000000
COSTO_CLUSTER2 (2, 3)	25.05600	0.000000
COSTO_CLUSTER2 (2, 4)	6.264000	0.000000
COSTO_CLUSTER2 (2, 5)	45.00800	0.000000
COSTO_CLUSTER2 (2, 6)	64.72800	0.000000
COSTO_CLUSTER2 (2, 7)	87.23200	0.000000
COSTO_CLUSTER2 (2, 8)	8.816000	0.000000
COSTO_CLUSTER2 (2, 9)	33.40800	0.000000
COSTO_CLUSTER2 (2, 10)	29.46400	0.000000
COSTO_CLUSTER2 (2, 11)	46.16800	0.000000
COSTO_CLUSTER2 (2, 12)	6.960000	0.000000
COSTO_CLUSTER2 (2, 13)	8.584000	0.000000
COSTO_CLUSTER2 (2, 14)	7.424000	0.000000
COSTO_CLUSTER2 (2, 15)	35.26400	0.000000
COSTO_CLUSTER2 (2, 16)	68.44000	0.000000
COSTO_CLUSTER2 (2, 17)	10.20800	0.000000
COSTO_CLUSTER2 (2, 18)	6.496000	0.000000
COSTO_CLUSTER2 (2, 19)	26.68000	0.000000
COSTO_CLUSTER2 (2, 20)	12.99200	0.000000
COSTO_CLUSTER2 (2, 21)	30.16000	0.000000
COSTO_CLUSTER2 (2, 22)	96.51200	0.000000
COSTO_CLUSTER2 (2, 23)	25.05600	0.000000
COSTO_CLUSTER2 (2, 24)	16.00800	0.000000
COSTO_CLUSTER2 (2, 25)	16.47200	0.000000
COSTO_CLUSTER2 (2, 26)	8.816000	0.000000
COSTO_CLUSTER2 (2, 27)	35.72800	0.000000
COSTO_CLUSTER2 (2, 28)	23.20000	0.000000
COSTO_CLUSTER2 (2, 29)	67.04800	0.000000
COSTO_CLUSTER2 (2, 30)	30.85600	0.000000
COSTO_CLUSTER2 (2, 31)	46.63200	0.000000
COSTO_CLUSTER2 (2, 32)	36.65600	0.000000
COSTO_CLUSTER2 (2, 33)	15.31200	0.000000
COSTO_CLUSTER2 (2, 34)	10.20800	0.000000
COSTO_CLUSTER2 (2, 35)	3.248000	0.000000
COSTO_CLUSTER2 (2, 36)	10.67200	0.000000
COSTO_CLUSTER2 (2, 37)	31.08800	0.000000
COSTO_CLUSTER2 (2, 38)	45.47200	0.000000

COSTO_CLUSTER2 (2, 39)	31.08800	0.000000
COSTO_CLUSTER2 (2, 40)	25.05600	0.000000
COSTO_CLUSTER2 (2, 41)	34.10400	0.000000
COSTO_CLUSTER2 (2, 42)	55.44800	0.000000
COSTO_CLUSTER2 (2, 43)	40.13600	0.000000
COSTO_CLUSTER2 (2, 44)	68.90400	0.000000
COSTO_CLUSTER2 (2, 45)	23.89600	0.000000
COSTO_CLUSTER2 (2, 46)	11.60000	0.000000
COSTO_CLUSTER2 (2, 47)	6.032000	0.000000
COSTO_CLUSTER2 (2, 48)	16.00800	0.000000
COSTO_CLUSTER2 (2, 49)	25.05600	0.000000
COSTO_CLUSTER2 (2, 50)	7.192000	0.000000
COSTO_CLUSTER2 (2, 51)	42.68800	0.000000
COSTO_CLUSTER2 (3, 1)	32.48000	0.000000
COSTO_CLUSTER2 (3, 2)	20.18400	0.000000
COSTO_CLUSTER2 (3, 3)	0.000000	0.000000
COSTO_CLUSTER2 (3, 4)	22.96800	0.000000
COSTO_CLUSTER2 (3, 5)	36.19200	0.000000
COSTO_CLUSTER2 (3, 6)	43.15200	0.000000
COSTO_CLUSTER2 (3, 7)	65.42400	0.000000
COSTO_CLUSTER2 (3, 8)	12.76000	0.000000
COSTO_CLUSTER2 (3, 9)	12.29600	0.000000
COSTO_CLUSTER2 (3, 10)	8.120000	0.000000
COSTO_CLUSTER2 (3, 11)	37.35200	0.000000
COSTO_CLUSTER2 (3, 12)	14.61600	0.000000
COSTO_CLUSTER2 (3, 13)	13.92000	0.000000
COSTO_CLUSTER2 (3, 14)	29.69600	0.000000
COSTO_CLUSTER2 (3, 15)	26.44800	0.000000
COSTO_CLUSTER2 (3, 16)	59.62400	0.000000
COSTO_CLUSTER2 (3, 17)	28.53600	0.000000
COSTO_CLUSTER2 (3, 18)	23.20000	0.000000
COSTO_CLUSTER2 (3, 19)	26.91200	0.000000
COSTO_CLUSTER2 (3, 20)	18.09600	0.000000
COSTO_CLUSTER2 (3, 21)	25.52000	0.000000
COSTO_CLUSTER2 (3, 22)	91.87200	0.000000
COSTO_CLUSTER2 (3, 23)	20.18400	0.000000
COSTO_CLUSTER2 (3, 24)	11.36800	0.000000
COSTO_CLUSTER2 (3, 25)	7.888000	0.000000
COSTO_CLUSTER2 (3, 26)	25.52000	0.000000
COSTO_CLUSTER2 (3, 27)	31.08800	0.000000
COSTO_CLUSTER2 (3, 28)	9.048000	0.000000
COSTO_CLUSTER2 (3, 29)	45.24000	0.000000
COSTO_CLUSTER2 (3, 30)	11.13600	0.000000
COSTO_CLUSTER2 (3, 31)	37.81600	0.000000
COSTO_CLUSTER2 (3, 32)	34.80000	0.000000
COSTO_CLUSTER2 (3, 33)	10.20800	0.000000
COSTO_CLUSTER2 (3, 34)	26.91200	0.000000
COSTO_CLUSTER2 (3, 35)	19.95200	0.000000
COSTO_CLUSTER2 (3, 36)	14.38400	0.000000
COSTO_CLUSTER2 (3, 37)	25.28800	0.000000
COSTO_CLUSTER2 (3, 38)	26.21600	0.000000
COSTO_CLUSTER2 (3, 39)	9.280000	0.000000
COSTO_CLUSTER2 (3, 40)	2.320000	0.000000
COSTO_CLUSTER2 (3, 41)	12.52800	0.000000
COSTO_CLUSTER2 (3, 42)	36.19200	0.000000
COSTO_CLUSTER2 (3, 43)	18.32800	0.000000
COSTO_CLUSTER2 (3, 44)	47.09600	0.000000
COSTO_CLUSTER2 (3, 45)	18.56000	0.000000
COSTO_CLUSTER2 (3, 46)	12.99200	0.000000
COSTO_CLUSTER2 (3, 47)	16.93600	0.000000
COSTO_CLUSTER2 (3, 48)	11.36800	0.000000
COSTO_CLUSTER2 (3, 49)	5.568000	0.000000
COSTO_CLUSTER2 (3, 50)	28.53600	0.000000
COSTO_CLUSTER2 (3, 51)	20.88000	0.000000
COSTO_CLUSTER2 (4, 1)	13.68800	0.000000
COSTO_CLUSTER2 (4, 2)	6.728000	0.000000
COSTO_CLUSTER2 (4, 3)	28.07200	0.000000
COSTO_CLUSTER2 (4, 4)	0.000000	0.000000
COSTO_CLUSTER2 (4, 5)	40.36800	0.000000
COSTO_CLUSTER2 (4, 6)	79.34400	0.000000
COSTO_CLUSTER2 (4, 7)	101.8480	0.000000

COSTO_CLUSTER2 (4, 8)	9.744000	0.000000
COSTO_CLUSTER2 (4, 9)	36.65600	0.000000
COSTO_CLUSTER2 (4, 10)	32.48000	0.000000
COSTO_CLUSTER2 (4, 11)	41.52800	0.000000
COSTO_CLUSTER2 (4, 12)	9.976000	0.000000
COSTO_CLUSTER2 (4, 13)	9.280000	0.000000
COSTO_CLUSTER2 (4, 14)	5.800000	0.000000
COSTO_CLUSTER2 (4, 15)	30.62400	0.000000
COSTO_CLUSTER2 (4, 16)	63.80000	0.000000
COSTO_CLUSTER2 (4, 17)	8.352000	0.000000
COSTO_CLUSTER2 (4, 18)	2.320000	0.000000
COSTO_CLUSTER2 (4, 19)	21.57600	0.000000
COSTO_CLUSTER2 (4, 20)	12.52800	0.000000
COSTO_CLUSTER2 (4, 21)	29.69600	0.000000
COSTO_CLUSTER2 (4, 22)	96.04800	0.000000
COSTO_CLUSTER2 (4, 23)	24.59200	0.000000
COSTO_CLUSTER2 (4, 24)	15.31200	0.000000
COSTO_CLUSTER2 (4, 25)	13.22400	0.000000
COSTO_CLUSTER2 (4, 26)	4.640000	0.000000
COSTO_CLUSTER2 (4, 27)	35.26400	0.000000
COSTO_CLUSTER2 (4, 28)	18.56000	0.000000
COSTO_CLUSTER2 (4, 29)	81.66400	0.000000
COSTO_CLUSTER2 (4, 30)	33.87200	0.000000
COSTO_CLUSTER2 (4, 31)	41.99200	0.000000
COSTO_CLUSTER2 (4, 32)	31.32000	0.000000
COSTO_CLUSTER2 (4, 33)	14.61600	0.000000
COSTO_CLUSTER2 (4, 34)	6.032000	0.000000
COSTO_CLUSTER2 (4, 35)	7.424000	0.000000
COSTO_CLUSTER2 (4, 36)	10.20800	0.000000
COSTO_CLUSTER2 (4, 37)	30.62400	0.000000
COSTO_CLUSTER2 (4, 38)	45.00800	0.000000
COSTO_CLUSTER2 (4, 39)	33.87200	0.000000
COSTO_CLUSTER2 (4, 40)	27.84000	0.000000
COSTO_CLUSTER2 (4, 41)	37.12000	0.000000
COSTO_CLUSTER2 (4, 42)	54.75200	0.000000
COSTO_CLUSTER2 (4, 43)	42.92000	0.000000
COSTO_CLUSTER2 (4, 44)	83.52000	0.000000
COSTO_CLUSTER2 (4, 45)	23.43200	0.000000
COSTO_CLUSTER2 (4, 46)	11.13600	0.000000
COSTO_CLUSTER2 (4, 47)	12.29600	0.000000
COSTO_CLUSTER2 (4, 48)	15.54400	0.000000
COSTO_CLUSTER2 (4, 49)	28.07200	0.000000
COSTO_CLUSTER2 (4, 50)	5.104000	0.000000
COSTO_CLUSTER2 (4, 51)	45.47200	0.000000
COSTO_CLUSTER2 (5, 1)	50.11200	0.000000
COSTO_CLUSTER2 (5, 2)	40.83200	0.000000
COSTO_CLUSTER2 (5, 3)	34.56800	0.000000
COSTO_CLUSTER2 (5, 4)	38.28000	0.000000
COSTO_CLUSTER2 (5, 5)	0.000000	0.000000
COSTO_CLUSTER2 (5, 6)	79.34400	0.000000
COSTO_CLUSTER2 (5, 7)	83.98400	0.000000
COSTO_CLUSTER2 (5, 8)	41.29600	0.000000
COSTO_CLUSTER2 (5, 9)	34.56800	0.000000
COSTO_CLUSTER2 (5, 10)	39.44000	0.000000
COSTO_CLUSTER2 (5, 11)	23.66400	0.000000
COSTO_CLUSTER2 (5, 12)	42.45600	0.000000
COSTO_CLUSTER2 (5, 13)	37.81600	0.000000
COSTO_CLUSTER2 (5, 14)	33.87200	0.000000
COSTO_CLUSTER2 (5, 15)	7.888000	0.000000
COSTO_CLUSTER2 (5, 16)	15.54400	0.000000
COSTO_CLUSTER2 (5, 17)	32.94400	0.000000
COSTO_CLUSTER2 (5, 18)	36.88800	0.000000
COSTO_CLUSTER2 (5, 19)	17.86400	0.000000
COSTO_CLUSTER2 (5, 20)	30.39200	0.000000
COSTO_CLUSTER2 (5, 21)	9.976000	0.000000
COSTO_CLUSTER2 (5, 22)	47.56000	0.000000
COSTO_CLUSTER2 (5, 23)	15.54400	0.000000
COSTO_CLUSTER2 (5, 24)	26.68000	0.000000
COSTO_CLUSTER2 (5, 25)	35.72800	0.000000
COSTO_CLUSTER2 (5, 26)	39.20800	0.000000
COSTO_CLUSTER2 (5, 27)	4.640000	0.000000

COSTO_CLUSTER2 (5, 28)	28.76800	0.000000
COSTO_CLUSTER2 (5, 29)	63.80000	0.000000
COSTO_CLUSTER2 (5, 30)	32.01600	0.000000
COSTO_CLUSTER2 (5, 31)	4.408000	0.000000
COSTO_CLUSTER2 (5, 32)	15.31200	0.000000
COSTO_CLUSTER2 (5, 33)	28.76800	0.000000
COSTO_CLUSTER2 (5, 34)	38.97600	0.000000
COSTO_CLUSTER2 (5, 35)	44.08000	0.000000
COSTO_CLUSTER2 (5, 36)	32.01600	0.000000
COSTO_CLUSTER2 (5, 37)	11.36800	0.000000
COSTO_CLUSTER2 (5, 38)	26.91200	0.000000
COSTO_CLUSTER2 (5, 39)	36.65600	0.000000
COSTO_CLUSTER2 (5, 40)	35.72800	0.000000
COSTO_CLUSTER2 (5, 41)	36.65600	0.000000
COSTO_CLUSTER2 (5, 42)	37.12000	0.000000
COSTO_CLUSTER2 (5, 43)	34.56800	0.000000
COSTO_CLUSTER2 (5, 44)	65.65600	0.000000
COSTO_CLUSTER2 (5, 45)	21.57600	0.000000
COSTO_CLUSTER2 (5, 46)	32.94400	0.000000
COSTO_CLUSTER2 (5, 47)	44.77600	0.000000
COSTO_CLUSTER2 (5, 48)	26.68000	0.000000
COSTO_CLUSTER2 (5, 49)	25.75200	0.000000
COSTO_CLUSTER2 (5, 50)	32.71200	0.000000
COSTO_CLUSTER2 (5, 51)	40.13600	0.000000
COSTO_CLUSTER2 (6, 1)	91.40800	0.000000
COSTO_CLUSTER2 (6, 2)	64.72800	0.000000
COSTO_CLUSTER2 (6, 3)	43.84800	0.000000
COSTO_CLUSTER2 (6, 4)	80.04000	0.000000
COSTO_CLUSTER2 (6, 5)	80.04000	0.000000
COSTO_CLUSTER2 (6, 6)	0.000000	0.000000
COSTO_CLUSTER2 (6, 7)	24.12800	0.000000
COSTO_CLUSTER2 (6, 8)	57.30400	0.000000
COSTO_CLUSTER2 (6, 9)	35.03200	0.000000
COSTO_CLUSTER2 (6, 10)	36.42400	0.000000
COSTO_CLUSTER2 (6, 11)	46.86400	0.000000
COSTO_CLUSTER2 (6, 12)	58.69600	0.000000
COSTO_CLUSTER2 (6, 13)	58.69600	0.000000
COSTO_CLUSTER2 (6, 14)	75.63200	0.000000
COSTO_CLUSTER2 (6, 15)	56.37600	0.000000
COSTO_CLUSTER2 (6, 16)	73.31200	0.000000
COSTO_CLUSTER2 (6, 17)	74.70400	0.000000
COSTO_CLUSTER2 (6, 18)	78.64800	0.000000
COSTO_CLUSTER2 (6, 19)	68.67200	0.000000
COSTO_CLUSTER2 (6, 20)	71.92000	0.000000
COSTO_CLUSTER2 (6, 21)	57.30400	0.000000
COSTO_CLUSTER2 (6, 22)	105.3280	0.000000
COSTO_CLUSTER2 (6, 23)	61.94400	0.000000
COSTO_CLUSTER2 (6, 24)	68.20800	0.000000
COSTO_CLUSTER2 (6, 25)	51.96800	0.000000
COSTO_CLUSTER2 (6, 26)	80.96800	0.000000
COSTO_CLUSTER2 (6, 27)	61.01600	0.000000
COSTO_CLUSTER2 (6, 28)	51.27200	0.000000
COSTO_CLUSTER2 (6, 29)	7.888000	0.000000
COSTO_CLUSTER2 (6, 30)	36.19200	0.000000
COSTO_CLUSTER2 (6, 31)	67.74400	0.000000
COSTO_CLUSTER2 (6, 32)	76.32800	0.000000
COSTO_CLUSTER2 (6, 33)	52.43200	0.000000
COSTO_CLUSTER2 (6, 34)	80.50400	0.000000
COSTO_CLUSTER2 (6, 35)	63.80000	0.000000
COSTO_CLUSTER2 (6, 36)	73.77600	0.000000
COSTO_CLUSTER2 (6, 37)	63.56800	0.000000
COSTO_CLUSTER2 (6, 38)	47.56000	0.000000
COSTO_CLUSTER2 (6, 39)	35.03200	0.000000
COSTO_CLUSTER2 (6, 40)	42.22400	0.000000
COSTO_CLUSTER2 (6, 41)	32.01600	0.000000
COSTO_CLUSTER2 (6, 42)	57.53600	0.000000
COSTO_CLUSTER2 (6, 43)	35.03200	0.000000
COSTO_CLUSTER2 (6, 44)	12.52800	0.000000
COSTO_CLUSTER2 (6, 45)	63.10400	0.000000
COSTO_CLUSTER2 (6, 46)	57.30400	0.000000
COSTO_CLUSTER2 (6, 47)	61.01600	0.000000

COSTO_CLUSTER2 (6, 48)	68.44000	0.000000
COSTO_CLUSTER2 (6, 49)	43.15200	0.000000
COSTO_CLUSTER2 (6, 50)	74.47200	0.000000
COSTO_CLUSTER2 (6, 51)	26.68000	0.000000
COSTO_CLUSTER2 (7, 1)	110.6640	0.000000
COSTO_CLUSTER2 (7, 2)	83.52000	0.000000
COSTO_CLUSTER2 (7, 3)	62.17600	0.000000
COSTO_CLUSTER2 (7, 4)	98.60000	0.000000
COSTO_CLUSTER2 (7, 5)	84.68000	0.000000
COSTO_CLUSTER2 (7, 6)	24.59200	0.000000
COSTO_CLUSTER2 (7, 7)	0.000000	0.000000
COSTO_CLUSTER2 (7, 8)	75.86400	0.000000
COSTO_CLUSTER2 (7, 9)	53.36000	0.000000
COSTO_CLUSTER2 (7, 10)	54.98400	0.000000
COSTO_CLUSTER2 (7, 11)	65.42400	0.000000
COSTO_CLUSTER2 (7, 12)	77.02400	0.000000
COSTO_CLUSTER2 (7, 13)	77.02400	0.000000
COSTO_CLUSTER2 (7, 14)	94.19200	0.000000
COSTO_CLUSTER2 (7, 15)	74.93600	0.000000
COSTO_CLUSTER2 (7, 16)	91.87200	0.000000
COSTO_CLUSTER2 (7, 17)	93.26400	0.000000
COSTO_CLUSTER2 (7, 18)	96.97600	0.000000
COSTO_CLUSTER2 (7, 19)	87.00000	0.000000
COSTO_CLUSTER2 (7, 20)	90.48000	0.000000
COSTO_CLUSTER2 (7, 21)	75.63200	0.000000
COSTO_CLUSTER2 (7, 22)	123.8880	0.000000
COSTO_CLUSTER2 (7, 23)	80.27200	0.000000
COSTO_CLUSTER2 (7, 24)	86.76800	0.000000
COSTO_CLUSTER2 (7, 25)	70.29600	0.000000
COSTO_CLUSTER2 (7, 26)	99.29600	0.000000
COSTO_CLUSTER2 (7, 27)	79.34400	0.000000
COSTO_CLUSTER2 (7, 28)	69.60000	0.000000
COSTO_CLUSTER2 (7, 29)	25.52000	0.000000
COSTO_CLUSTER2 (7, 30)	54.52000	0.000000
COSTO_CLUSTER2 (7, 31)	86.07200	0.000000
COSTO_CLUSTER2 (7, 32)	94.88800	0.000000
COSTO_CLUSTER2 (7, 33)	70.76000	0.000000
COSTO_CLUSTER2 (7, 34)	99.06400	0.000000
COSTO_CLUSTER2 (7, 35)	82.36000	0.000000
COSTO_CLUSTER2 (7, 36)	92.10400	0.000000
COSTO_CLUSTER2 (7, 37)	82.12800	0.000000
COSTO_CLUSTER2 (7, 38)	66.12000	0.000000
COSTO_CLUSTER2 (7, 39)	53.36000	0.000000
COSTO_CLUSTER2 (7, 40)	60.78400	0.000000
COSTO_CLUSTER2 (7, 41)	50.57600	0.000000
COSTO_CLUSTER2 (7, 42)	76.09600	0.000000
COSTO_CLUSTER2 (7, 43)	53.59200	0.000000
COSTO_CLUSTER2 (7, 44)	31.32000	0.000000
COSTO_CLUSTER2 (7, 45)	81.66400	0.000000
COSTO_CLUSTER2 (7, 46)	75.86400	0.000000
COSTO_CLUSTER2 (7, 47)	79.57600	0.000000
COSTO_CLUSTER2 (7, 48)	87.00000	0.000000
COSTO_CLUSTER2 (7, 49)	61.48000	0.000000
COSTO_CLUSTER2 (7, 50)	93.03200	0.000000
COSTO_CLUSTER2 (7, 51)	45.24000	0.000000
COSTO_CLUSTER2 (8, 1)	22.73600	0.000000
COSTO_CLUSTER2 (8, 2)	7.656000	0.000000
COSTO_CLUSTER2 (8, 3)	21.11200	0.000000
COSTO_CLUSTER2 (8, 4)	10.44000	0.000000
COSTO_CLUSTER2 (8, 5)	46.16800	0.000000
COSTO_CLUSTER2 (8, 6)	60.78400	0.000000
COSTO_CLUSTER2 (8, 7)	83.05600	0.000000
COSTO_CLUSTER2 (8, 8)	0.000000	0.000000
COSTO_CLUSTER2 (8, 9)	29.23200	0.000000
COSTO_CLUSTER2 (8, 10)	25.28800	0.000000
COSTO_CLUSTER2 (8, 11)	47.32800	0.000000
COSTO_CLUSTER2 (8, 12)	2.784000	0.000000
COSTO_CLUSTER2 (8, 13)	3.248000	0.000000
COSTO_CLUSTER2 (8, 14)	9.280000	0.000000
COSTO_CLUSTER2 (8, 15)	36.65600	0.000000
COSTO_CLUSTER2 (8, 16)	69.83200	0.000000

COSTO_CLUSTER2 (8, 17)	11.83200	0.000000
COSTO_CLUSTER2 (8, 18)	10.67200	0.000000
COSTO_CLUSTER2 (8, 19)	26.21600	0.000000
COSTO_CLUSTER2 (8, 20)	12.29600	0.000000
COSTO_CLUSTER2 (8, 21)	35.49600	0.000000
COSTO_CLUSTER2 (8, 22)	101.8480	0.000000
COSTO_CLUSTER2 (8, 23)	30.16000	0.000000
COSTO_CLUSTER2 (8, 24)	15.31200	0.000000
COSTO_CLUSTER2 (8, 25)	8.584000	0.000000
COSTO_CLUSTER2 (8, 26)	12.99200	0.000000
COSTO_CLUSTER2 (8, 27)	41.06400	0.000000
COSTO_CLUSTER2 (8, 28)	19.25600	0.000000
COSTO_CLUSTER2 (8, 29)	62.87200	0.000000
COSTO_CLUSTER2 (8, 30)	26.91200	0.000000
COSTO_CLUSTER2 (8, 31)	47.79200	0.000000
COSTO_CLUSTER2 (8, 32)	35.96000	0.000000
COSTO_CLUSTER2 (8, 33)	10.20800	0.000000
COSTO_CLUSTER2 (8, 34)	14.38400	0.000000
COSTO_CLUSTER2 (8, 35)	8.120000	0.000000
COSTO_CLUSTER2 (8, 36)	10.20800	0.000000
COSTO_CLUSTER2 (8, 37)	35.26400	0.000000
COSTO_CLUSTER2 (8, 38)	41.99200	0.000000
COSTO_CLUSTER2 (8, 39)	26.91200	0.000000
COSTO_CLUSTER2 (8, 40)	20.88000	0.000000
COSTO_CLUSTER2 (8, 41)	30.16000	0.000000
COSTO_CLUSTER2 (8, 42)	51.96800	0.000000
COSTO_CLUSTER2 (8, 43)	35.96000	0.000000
COSTO_CLUSTER2 (8, 44)	64.72800	0.000000
COSTO_CLUSTER2 (8, 45)	28.53600	0.000000
COSTO_CLUSTER2 (8, 46)	11.13600	0.000000
COSTO_CLUSTER2 (8, 47)	5.336000	0.000000
COSTO_CLUSTER2 (8, 48)	15.54400	0.000000
COSTO_CLUSTER2 (8, 49)	21.11200	0.000000
COSTO_CLUSTER2 (8, 50)	8.816000	0.000000
COSTO_CLUSTER2 (8, 51)	38.51200	0.000000
COSTO_CLUSTER2 (9, 1)	43.61600	0.000000
COSTO_CLUSTER2 (9, 2)	31.55200	0.000000
COSTO_CLUSTER2 (9, 3)	12.06400	0.000000
COSTO_CLUSTER2 (9, 4)	34.56800	0.000000
COSTO_CLUSTER2 (9, 5)	34.80000	0.000000
COSTO_CLUSTER2 (9, 6)	35.49600	0.000000
COSTO_CLUSTER2 (9, 7)	57.76800	0.000000
COSTO_CLUSTER2 (9, 8)	24.36000	0.000000
COSTO_CLUSTER2 (9, 9)	0.000000	0.000000
COSTO_CLUSTER2 (9, 10)	4.640000	0.000000
COSTO_CLUSTER2 (9, 11)	14.84800	0.000000
COSTO_CLUSTER2 (9, 12)	25.52000	0.000000
COSTO_CLUSTER2 (9, 13)	25.52000	0.000000
COSTO_CLUSTER2 (9, 14)	38.51200	0.000000
COSTO_CLUSTER2 (9, 15)	25.05600	0.000000
COSTO_CLUSTER2 (9, 16)	41.99200	0.000000
COSTO_CLUSTER2 (9, 17)	37.58400	0.000000
COSTO_CLUSTER2 (9, 18)	34.56800	0.000000
COSTO_CLUSTER2 (9, 19)	35.96000	0.000000
COSTO_CLUSTER2 (9, 20)	29.00000	0.000000
COSTO_CLUSTER2 (9, 21)	25.98400	0.000000
COSTO_CLUSTER2 (9, 22)	74.00800	0.000000
COSTO_CLUSTER2 (9, 23)	30.62400	0.000000
COSTO_CLUSTER2 (9, 24)	20.18400	0.000000
COSTO_CLUSTER2 (9, 25)	18.79200	0.000000
COSTO_CLUSTER2 (9, 26)	36.88800	0.000000
COSTO_CLUSTER2 (9, 27)	29.69600	0.000000
COSTO_CLUSTER2 (9, 28)	18.09600	0.000000
COSTO_CLUSTER2 (9, 29)	37.58400	0.000000
COSTO_CLUSTER2 (9, 30)	1.624000	0.000000
COSTO_CLUSTER2 (9, 31)	36.42400	0.000000
COSTO_CLUSTER2 (9, 32)	45.00800	0.000000
COSTO_CLUSTER2 (9, 33)	19.25600	0.000000
COSTO_CLUSTER2 (9, 34)	38.51200	0.000000
COSTO_CLUSTER2 (9, 35)	30.85600	0.000000
COSTO_CLUSTER2 (9, 36)	25.52000	0.000000

COSTO_CLUSTER2 (9, 37)	32.24800	0.000000
COSTO_CLUSTER2 (9, 38)	15.54400	0.000000
COSTO_CLUSTER2 (9, 39)	4.640000	0.000000
COSTO_CLUSTER2 (9, 40)	10.90400	0.000000
COSTO_CLUSTER2 (9, 41)	4.872000	0.000000
COSTO_CLUSTER2 (9, 42)	25.52000	0.000000
COSTO_CLUSTER2 (9, 43)	7.192000	0.000000
COSTO_CLUSTER2 (9, 44)	39.44000	0.000000
COSTO_CLUSTER2 (9, 45)	31.78400	0.000000
COSTO_CLUSTER2 (9, 46)	24.36000	0.000000
COSTO_CLUSTER2 (9, 47)	27.84000	0.000000
COSTO_CLUSTER2 (9, 48)	20.41600	0.000000
COSTO_CLUSTER2 (9, 49)	8.352000	0.000000
COSTO_CLUSTER2 (9, 50)	43.15200	0.000000
COSTO_CLUSTER2 (9, 51)	12.76000	0.000000
COSTO_CLUSTER2 (10, 1)	40.83200	0.000000
COSTO_CLUSTER2 (10, 2)	29.00000	0.000000
COSTO_CLUSTER2 (10, 3)	9.512000	0.000000
COSTO_CLUSTER2 (10, 4)	31.78400	0.000000
COSTO_CLUSTER2 (10, 5)	41.99200	0.000000
COSTO_CLUSTER2 (10, 6)	35.26400	0.000000
COSTO_CLUSTER2 (10, 7)	57.76800	0.000000
COSTO_CLUSTER2 (10, 8)	21.57600	0.000000
COSTO_CLUSTER2 (10, 9)	3.944000	0.000000
COSTO_CLUSTER2 (10, 10)	0.000000	0.000000
COSTO_CLUSTER2 (10, 11)	22.73600	0.000000
COSTO_CLUSTER2 (10, 12)	22.73600	0.000000
COSTO_CLUSTER2 (10, 13)	22.96800	0.000000
COSTO_CLUSTER2 (10, 14)	35.96000	0.000000
COSTO_CLUSTER2 (10, 15)	32.48000	0.000000
COSTO_CLUSTER2 (10, 16)	49.18400	0.000000
COSTO_CLUSTER2 (10, 17)	34.80000	0.000000
COSTO_CLUSTER2 (10, 18)	32.01600	0.000000
COSTO_CLUSTER2 (10, 19)	33.17600	0.000000
COSTO_CLUSTER2 (10, 20)	26.21600	0.000000
COSTO_CLUSTER2 (10, 21)	31.78400	0.000000
COSTO_CLUSTER2 (10, 22)	81.20000	0.000000
COSTO_CLUSTER2 (10, 23)	26.44800	0.000000
COSTO_CLUSTER2 (10, 24)	17.63200	0.000000
COSTO_CLUSTER2 (10, 25)	16.00800	0.000000
COSTO_CLUSTER2 (10, 26)	34.33600	0.000000
COSTO_CLUSTER2 (10, 27)	36.88800	0.000000
COSTO_CLUSTER2 (10, 28)	15.54400	0.000000
COSTO_CLUSTER2 (10, 29)	37.58400	0.000000
COSTO_CLUSTER2 (10, 30)	4.408000	0.000000
COSTO_CLUSTER2 (10, 31)	43.61600	0.000000
COSTO_CLUSTER2 (10, 32)	41.29600	0.000000
COSTO_CLUSTER2 (10, 33)	16.47200	0.000000
COSTO_CLUSTER2 (10, 34)	35.72800	0.000000
COSTO_CLUSTER2 (10, 35)	28.07200	0.000000
COSTO_CLUSTER2 (10, 36)	22.96800	0.000000
COSTO_CLUSTER2 (10, 37)	31.55200	0.000000
COSTO_CLUSTER2 (10, 38)	23.43200	0.000000
COSTO_CLUSTER2 (10, 39)	1.624000	0.000000
COSTO_CLUSTER2 (10, 40)	7.888000	0.000000
COSTO_CLUSTER2 (10, 41)	4.408000	0.000000
COSTO_CLUSTER2 (10, 42)	33.64000	0.000000
COSTO_CLUSTER2 (10, 43)	8.584000	0.000000
COSTO_CLUSTER2 (10, 44)	39.44000	0.000000
COSTO_CLUSTER2 (10, 45)	24.82400	0.000000
COSTO_CLUSTER2 (10, 46)	21.57600	0.000000
COSTO_CLUSTER2 (10, 47)	25.28800	0.000000
COSTO_CLUSTER2 (10, 48)	17.63200	0.000000
COSTO_CLUSTER2 (10, 49)	7.424000	0.000000
COSTO_CLUSTER2 (10, 50)	30.16000	0.000000
COSTO_CLUSTER2 (10, 51)	13.22400	0.000000
COSTO_CLUSTER2 (11, 1)	55.21600	0.000000
COSTO_CLUSTER2 (11, 2)	45.70400	0.000000
COSTO_CLUSTER2 (11, 3)	26.91200	0.000000
COSTO_CLUSTER2 (11, 4)	43.38400	0.000000
COSTO_CLUSTER2 (11, 5)	29.46400	0.000000

COSTO_CLUSTER2 (11, 6)	45.93600	0.000000
COSTO_CLUSTER2 (11, 7)	68.44000	0.000000
COSTO_CLUSTER2 (11, 8)	46.16800	0.000000
COSTO_CLUSTER2 (11, 9)	19.02400	0.000000
COSTO_CLUSTER2 (11, 10)	19.48800	0.000000
COSTO_CLUSTER2 (11, 11)	0.000000	0.000000
COSTO_CLUSTER2 (11, 12)	47.56000	0.000000
COSTO_CLUSTER2 (11, 13)	42.68800	0.000000
COSTO_CLUSTER2 (11, 14)	38.97600	0.000000
COSTO_CLUSTER2 (11, 15)	19.72000	0.000000
COSTO_CLUSTER2 (11, 16)	30.16000	0.000000
COSTO_CLUSTER2 (11, 17)	38.04800	0.000000
COSTO_CLUSTER2 (11, 18)	41.76000	0.000000
COSTO_CLUSTER2 (11, 19)	32.01600	0.000000
COSTO_CLUSTER2 (11, 20)	35.26400	0.000000
COSTO_CLUSTER2 (11, 21)	20.64800	0.000000
COSTO_CLUSTER2 (11, 22)	62.17600	0.000000
COSTO_CLUSTER2 (11, 23)	25.05600	0.000000
COSTO_CLUSTER2 (11, 24)	31.55200	0.000000
COSTO_CLUSTER2 (11, 25)	40.83200	0.000000
COSTO_CLUSTER2 (11, 26)	44.08000	0.000000
COSTO_CLUSTER2 (11, 27)	24.36000	0.000000
COSTO_CLUSTER2 (11, 28)	33.64000	0.000000
COSTO_CLUSTER2 (11, 29)	48.02400	0.000000
COSTO_CLUSTER2 (11, 30)	16.47200	0.000000
COSTO_CLUSTER2 (11, 31)	30.85600	0.000000
COSTO_CLUSTER2 (11, 32)	39.67200	0.000000
COSTO_CLUSTER2 (11, 33)	33.87200	0.000000
COSTO_CLUSTER2 (11, 34)	43.84800	0.000000
COSTO_CLUSTER2 (11, 35)	49.18400	0.000000
COSTO_CLUSTER2 (11, 36)	36.88800	0.000000
COSTO_CLUSTER2 (11, 37)	26.91200	0.000000
COSTO_CLUSTER2 (11, 38)	5.336000	0.000000
COSTO_CLUSTER2 (11, 39)	20.88000	0.000000
COSTO_CLUSTER2 (11, 40)	25.28800	0.000000
COSTO_CLUSTER2 (11, 41)	21.11200	0.000000
COSTO_CLUSTER2 (11, 42)	15.54400	0.000000
COSTO_CLUSTER2 (11, 43)	19.02400	0.000000
COSTO_CLUSTER2 (11, 44)	50.11200	0.000000
COSTO_CLUSTER2 (11, 45)	26.44800	0.000000
COSTO_CLUSTER2 (11, 46)	37.81600	0.000000
COSTO_CLUSTER2 (11, 47)	49.88000	0.000000
COSTO_CLUSTER2 (11, 48)	31.78400	0.000000
COSTO_CLUSTER2 (11, 49)	22.27200	0.000000
COSTO_CLUSTER2 (11, 50)	37.81600	0.000000
COSTO_CLUSTER2 (11, 51)	24.59200	0.000000
COSTO_CLUSTER2 (12, 1)	20.41600	0.000000
COSTO_CLUSTER2 (12, 2)	8.352000	0.000000
COSTO_CLUSTER2 (12, 3)	18.56000	0.000000
COSTO_CLUSTER2 (12, 4)	15.08000	0.000000
COSTO_CLUSTER2 (12, 5)	43.84800	0.000000
COSTO_CLUSTER2 (12, 6)	58.23200	0.000000
COSTO_CLUSTER2 (12, 7)	80.73600	0.000000
COSTO_CLUSTER2 (12, 8)	3.480000	0.000000
COSTO_CLUSTER2 (12, 9)	26.68000	0.000000
COSTO_CLUSTER2 (12, 10)	22.96800	0.000000
COSTO_CLUSTER2 (12, 11)	44.77600	0.000000
COSTO_CLUSTER2 (12, 12)	0.000000	0.000000
COSTO_CLUSTER2 (12, 13)	5.800000	0.000000
COSTO_CLUSTER2 (12, 14)	13.68800	0.000000
COSTO_CLUSTER2 (12, 15)	34.10400	0.000000
COSTO_CLUSTER2 (12, 16)	67.28000	0.000000
COSTO_CLUSTER2 (12, 17)	16.47200	0.000000
COSTO_CLUSTER2 (12, 18)	15.08000	0.000000
COSTO_CLUSTER2 (12, 19)	34.56800	0.000000
COSTO_CLUSTER2 (12, 20)	16.47200	0.000000
COSTO_CLUSTER2 (12, 21)	32.94400	0.000000
COSTO_CLUSTER2 (12, 22)	99.29600	0.000000
COSTO_CLUSTER2 (12, 23)	27.60800	0.000000
COSTO_CLUSTER2 (12, 24)	18.79200	0.000000
COSTO_CLUSTER2 (12, 25)	9.744000	0.000000

COSTO_CLUSTER2 (12, 26)	17.40000	0.000000
COSTO_CLUSTER2 (12, 27)	38.74400	0.000000
COSTO_CLUSTER2 (12, 28)	16.70400	0.000000
COSTO_CLUSTER2 (12, 29)	60.32000	0.000000
COSTO_CLUSTER2 (12, 30)	24.36000	0.000000
COSTO_CLUSTER2 (12, 31)	45.24000	0.000000
COSTO_CLUSTER2 (12, 32)	42.45600	0.000000
COSTO_CLUSTER2 (12, 33)	17.86400	0.000000
COSTO_CLUSTER2 (12, 34)	19.02400	0.000000
COSTO_CLUSTER2 (12, 35)	5.800000	0.000000
COSTO_CLUSTER2 (12, 36)	12.76000	0.000000
COSTO_CLUSTER2 (12, 37)	32.71200	0.000000
COSTO_CLUSTER2 (12, 38)	39.67200	0.000000
COSTO_CLUSTER2 (12, 39)	24.59200	0.000000
COSTO_CLUSTER2 (12, 40)	18.56000	0.000000
COSTO_CLUSTER2 (12, 41)	27.60800	0.000000
COSTO_CLUSTER2 (12, 42)	49.64800	0.000000
COSTO_CLUSTER2 (12, 43)	33.40800	0.000000
COSTO_CLUSTER2 (12, 44)	62.40800	0.000000
COSTO_CLUSTER2 (12, 45)	26.21600	0.000000
COSTO_CLUSTER2 (12, 46)	11.36800	0.000000
COSTO_CLUSTER2 (12, 47)	2.784000	0.000000
COSTO_CLUSTER2 (12, 48)	19.02400	0.000000
COSTO_CLUSTER2 (12, 49)	18.56000	0.000000
COSTO_CLUSTER2 (12, 50)	13.45600	0.000000
COSTO_CLUSTER2 (12, 51)	36.19200	0.000000
COSTO_CLUSTER2 (13, 1)	26.44800	0.000000
COSTO_CLUSTER2 (13, 2)	7.888000	0.000000
COSTO_CLUSTER2 (13, 3)	19.72000	0.000000
COSTO_CLUSTER2 (13, 4)	10.44000	0.000000
COSTO_CLUSTER2 (13, 5)	40.83200	0.000000
COSTO_CLUSTER2 (13, 6)	59.39200	0.000000
COSTO_CLUSTER2 (13, 7)	81.89600	0.000000
COSTO_CLUSTER2 (13, 8)	4.176000	0.000000
COSTO_CLUSTER2 (13, 9)	28.07200	0.000000
COSTO_CLUSTER2 (13, 10)	24.12800	0.000000
COSTO_CLUSTER2 (13, 11)	41.76000	0.000000
COSTO_CLUSTER2 (13, 12)	6.264000	0.000000
COSTO_CLUSTER2 (13, 13)	0.000000	0.000000
COSTO_CLUSTER2 (13, 14)	9.280000	0.000000
COSTO_CLUSTER2 (13, 15)	31.08800	0.000000
COSTO_CLUSTER2 (13, 16)	64.26400	0.000000
COSTO_CLUSTER2 (13, 17)	11.83200	0.000000
COSTO_CLUSTER2 (13, 18)	10.44000	0.000000
COSTO_CLUSTER2 (13, 19)	23.20000	0.000000
COSTO_CLUSTER2 (13, 20)	9.512000	0.000000
COSTO_CLUSTER2 (13, 21)	29.92800	0.000000
COSTO_CLUSTER2 (13, 22)	96.28000	0.000000
COSTO_CLUSTER2 (13, 23)	25.05600	0.000000
COSTO_CLUSTER2 (13, 24)	11.36800	0.000000
COSTO_CLUSTER2 (13, 25)	6.960000	0.000000
COSTO_CLUSTER2 (13, 26)	12.76000	0.000000
COSTO_CLUSTER2 (13, 27)	35.72800	0.000000
COSTO_CLUSTER2 (13, 28)	11.60000	0.000000
COSTO_CLUSTER2 (13, 29)	61.01600	0.000000
COSTO_CLUSTER2 (13, 30)	25.05600	0.000000
COSTO_CLUSTER2 (13, 31)	42.45600	0.000000
COSTO_CLUSTER2 (13, 32)	33.17600	0.000000
COSTO_CLUSTER2 (13, 33)	8.352000	0.000000
COSTO_CLUSTER2 (13, 34)	14.38400	0.000000
COSTO_CLUSTER2 (13, 35)	9.512000	0.000000
COSTO_CLUSTER2 (13, 36)	6.032000	0.000000
COSTO_CLUSTER2 (13, 37)	31.08800	0.000000
COSTO_CLUSTER2 (13, 38)	45.24000	0.000000
COSTO_CLUSTER2 (13, 39)	25.28800	0.000000
COSTO_CLUSTER2 (13, 40)	19.25600	0.000000
COSTO_CLUSTER2 (13, 41)	28.30400	0.000000
COSTO_CLUSTER2 (13, 42)	55.21600	0.000000
COSTO_CLUSTER2 (13, 43)	34.10400	0.000000
COSTO_CLUSTER2 (13, 44)	63.10400	0.000000
COSTO_CLUSTER2 (13, 45)	23.89600	0.000000

COSTO_CLUSTER2 (13, 46)	3.712000	0.000000
COSTO_CLUSTER2 (13, 47)	8.584000	0.000000
COSTO_CLUSTER2 (13, 48)	11.36800	0.000000
COSTO_CLUSTER2 (13, 49)	19.25600	0.000000
COSTO_CLUSTER2 (13, 50)	8.816000	0.000000
COSTO_CLUSTER2 (13, 51)	36.88800	0.000000
COSTO_CLUSTER2 (14, 1)	19.95200	0.000000
COSTO_CLUSTER2 (14, 2)	9.280000	0.000000
COSTO_CLUSTER2 (14, 3)	29.92800	0.000000
COSTO_CLUSTER2 (14, 4)	5.104000	0.000000
COSTO_CLUSTER2 (14, 5)	33.64000	0.000000
COSTO_CLUSTER2 (14, 6)	72.61600	0.000000
COSTO_CLUSTER2 (14, 7)	95.12000	0.000000
COSTO_CLUSTER2 (14, 8)	10.20800	0.000000
COSTO_CLUSTER2 (14, 9)	38.74400	0.000000
COSTO_CLUSTER2 (14, 10)	34.80000	0.000000
COSTO_CLUSTER2 (14, 11)	34.80000	0.000000
COSTO_CLUSTER2 (14, 12)	11.83200	0.000000
COSTO_CLUSTER2 (14, 13)	10.20800	0.000000
COSTO_CLUSTER2 (14, 14)	0.000000	0.000000
COSTO_CLUSTER2 (14, 15)	23.89600	0.000000
COSTO_CLUSTER2 (14, 16)	57.07200	0.000000
COSTO_CLUSTER2 (14, 17)	3.016000	0.000000
COSTO_CLUSTER2 (14, 18)	4.872000	0.000000
COSTO_CLUSTER2 (14, 19)	18.32800	0.000000
COSTO_CLUSTER2 (14, 20)	8.352000	0.000000
COSTO_CLUSTER2 (14, 21)	22.96800	0.000000
COSTO_CLUSTER2 (14, 22)	89.32000	0.000000
COSTO_CLUSTER2 (14, 23)	17.86400	0.000000
COSTO_CLUSTER2 (14, 24)	21.80800	0.000000
COSTO_CLUSTER2 (14, 25)	16.47200	0.000000
COSTO_CLUSTER2 (14, 26)	7.192000	0.000000
COSTO_CLUSTER2 (14, 27)	28.53600	0.000000
COSTO_CLUSTER2 (14, 28)	23.89600	0.000000
COSTO_CLUSTER2 (14, 29)	74.93600	0.000000
COSTO_CLUSTER2 (14, 30)	36.42400	0.000000
COSTO_CLUSTER2 (14, 31)	35.26400	0.000000
COSTO_CLUSTER2 (14, 32)	28.07200	0.000000
COSTO_CLUSTER2 (14, 33)	15.31200	0.000000
COSTO_CLUSTER2 (14, 34)	8.816000	0.000000
COSTO_CLUSTER2 (14, 35)	11.13600	0.000000
COSTO_CLUSTER2 (14, 36)	10.90400	0.000000
COSTO_CLUSTER2 (14, 37)	23.89600	0.000000
COSTO_CLUSTER2 (14, 38)	38.28000	0.000000
COSTO_CLUSTER2 (14, 39)	36.42400	0.000000
COSTO_CLUSTER2 (14, 40)	31.08800	0.000000
COSTO_CLUSTER2 (14, 41)	39.44000	0.000000
COSTO_CLUSTER2 (14, 42)	48.02400	0.000000
COSTO_CLUSTER2 (14, 43)	45.70400	0.000000
COSTO_CLUSTER2 (14, 44)	76.79200	0.000000
COSTO_CLUSTER2 (14, 45)	16.70400	0.000000
COSTO_CLUSTER2 (14, 46)	11.83200	0.000000
COSTO_CLUSTER2 (14, 47)	14.15200	0.000000
COSTO_CLUSTER2 (14, 48)	22.04000	0.000000
COSTO_CLUSTER2 (14, 49)	30.39200	0.000000
COSTO_CLUSTER2 (14, 50)	0.8120000	0.000000
COSTO_CLUSTER2 (14, 51)	51.27200	0.000000
COSTO_CLUSTER2 (15, 1)	43.61600	0.000000
COSTO_CLUSTER2 (15, 2)	34.33600	0.000000
COSTO_CLUSTER2 (15, 3)	28.07200	0.000000
COSTO_CLUSTER2 (15, 4)	31.78400	0.000000
COSTO_CLUSTER2 (15, 5)	9.744000	0.000000
COSTO_CLUSTER2 (15, 6)	54.98400	0.000000
COSTO_CLUSTER2 (15, 7)	77.48800	0.000000
COSTO_CLUSTER2 (15, 8)	34.80000	0.000000
COSTO_CLUSTER2 (15, 9)	28.07200	0.000000
COSTO_CLUSTER2 (15, 10)	32.94400	0.000000
COSTO_CLUSTER2 (15, 11)	16.93600	0.000000
COSTO_CLUSTER2 (15, 12)	35.96000	0.000000
COSTO_CLUSTER2 (15, 13)	31.08800	0.000000
COSTO_CLUSTER2 (15, 14)	27.37600	0.000000

COSTO_CLUSTER2 (15, 15)	0.000000	0.000000
COSTO_CLUSTER2 (15, 16)	22.27200	0.000000
COSTO_CLUSTER2 (15, 17)	26.44800	0.000000
COSTO_CLUSTER2 (15, 18)	30.39200	0.000000
COSTO_CLUSTER2 (15, 19)	13.68800	0.000000
COSTO_CLUSTER2 (15, 20)	23.89600	0.000000
COSTO_CLUSTER2 (15, 21)	3.248000	0.000000
COSTO_CLUSTER2 (15, 22)	54.52000	0.000000
COSTO_CLUSTER2 (15, 23)	11.13600	0.000000
COSTO_CLUSTER2 (15, 24)	20.18400	0.000000
COSTO_CLUSTER2 (15, 25)	29.23200	0.000000
COSTO_CLUSTER2 (15, 26)	32.71200	0.000000
COSTO_CLUSTER2 (15, 27)	4.640000	0.000000
COSTO_CLUSTER2 (15, 28)	22.27200	0.000000
COSTO_CLUSTER2 (15, 29)	57.30400	0.000000
COSTO_CLUSTER2 (15, 30)	25.52000	0.000000
COSTO_CLUSTER2 (15, 31)	11.13600	0.000000
COSTO_CLUSTER2 (15, 32)	17.40000	0.000000
COSTO_CLUSTER2 (15, 33)	22.27200	0.000000
COSTO_CLUSTER2 (15, 34)	34.10400	0.000000
COSTO_CLUSTER2 (15, 35)	37.58400	0.000000
COSTO_CLUSTER2 (15, 36)	25.52000	0.000000
COSTO_CLUSTER2 (15, 37)	6.496000	0.000000
COSTO_CLUSTER2 (15, 38)	20.41600	0.000000
COSTO_CLUSTER2 (15, 39)	30.16000	0.000000
COSTO_CLUSTER2 (15, 40)	29.23200	0.000000
COSTO_CLUSTER2 (15, 41)	30.16000	0.000000
COSTO_CLUSTER2 (15, 42)	30.39200	0.000000
COSTO_CLUSTER2 (15, 43)	28.07200	0.000000
COSTO_CLUSTER2 (15, 44)	59.16000	0.000000
COSTO_CLUSTER2 (15, 45)	15.08000	0.000000
COSTO_CLUSTER2 (15, 46)	26.44800	0.000000
COSTO_CLUSTER2 (15, 47)	38.28000	0.000000
COSTO_CLUSTER2 (15, 48)	20.18400	0.000000
COSTO_CLUSTER2 (15, 49)	19.25600	0.000000
COSTO_CLUSTER2 (15, 50)	26.21600	0.000000
COSTO_CLUSTER2 (15, 51)	33.64000	0.000000
COSTO_CLUSTER2 (16, 1)	65.42400	0.000000
COSTO_CLUSTER2 (16, 2)	56.14400	0.000000
COSTO_CLUSTER2 (16, 3)	49.88000	0.000000
COSTO_CLUSTER2 (16, 4)	53.59200	0.000000
COSTO_CLUSTER2 (16, 5)	15.31200	0.000000
COSTO_CLUSTER2 (16, 6)	72.15200	0.000000
COSTO_CLUSTER2 (16, 7)	94.65600	0.000000
COSTO_CLUSTER2 (16, 8)	56.60800	0.000000
COSTO_CLUSTER2 (16, 9)	45.24000	0.000000
COSTO_CLUSTER2 (16, 10)	45.70400	0.000000
COSTO_CLUSTER2 (16, 11)	34.10400	0.000000
COSTO_CLUSTER2 (16, 12)	57.76800	0.000000
COSTO_CLUSTER2 (16, 13)	53.12800	0.000000
COSTO_CLUSTER2 (16, 14)	49.41600	0.000000
COSTO_CLUSTER2 (16, 15)	23.43200	0.000000
COSTO_CLUSTER2 (16, 16)	0.000000	0.000000
COSTO_CLUSTER2 (16, 17)	48.25600	0.000000
COSTO_CLUSTER2 (16, 18)	52.20000	0.000000
COSTO_CLUSTER2 (16, 19)	33.17600	0.000000
COSTO_CLUSTER2 (16, 20)	45.70400	0.000000
COSTO_CLUSTER2 (16, 21)	25.28800	0.000000
COSTO_CLUSTER2 (16, 22)	32.01600	0.000000
COSTO_CLUSTER2 (16, 23)	30.85600	0.000000
COSTO_CLUSTER2 (16, 24)	41.99200	0.000000
COSTO_CLUSTER2 (16, 25)	51.04000	0.000000
COSTO_CLUSTER2 (16, 26)	54.52000	0.000000
COSTO_CLUSTER2 (16, 27)	20.18400	0.000000
COSTO_CLUSTER2 (16, 28)	44.08000	0.000000
COSTO_CLUSTER2 (16, 29)	74.24000	0.000000
COSTO_CLUSTER2 (16, 30)	42.68800	0.000000
COSTO_CLUSTER2 (16, 31)	12.06400	0.000000
COSTO_CLUSTER2 (16, 32)	30.62400	0.000000
COSTO_CLUSTER2 (16, 33)	44.08000	0.000000
COSTO_CLUSTER2 (16, 34)	56.14400	0.000000

COSTO_CLUSTER2 (16, 35)	59.39200	0.000000
COSTO_CLUSTER2 (16, 36)	47.32800	0.000000
COSTO_CLUSTER2 (16, 37)	26.91200	0.000000
COSTO_CLUSTER2 (16, 38)	37.58400	0.000000
COSTO_CLUSTER2 (16, 39)	47.09600	0.000000
COSTO_CLUSTER2 (16, 40)	51.04000	0.000000
COSTO_CLUSTER2 (16, 41)	47.32800	0.000000
COSTO_CLUSTER2 (16, 42)	47.56000	0.000000
COSTO_CLUSTER2 (16, 43)	45.24000	0.000000
COSTO_CLUSTER2 (16, 44)	76.32800	0.000000
COSTO_CLUSTER2 (16, 45)	36.88800	0.000000
COSTO_CLUSTER2 (16, 46)	48.25600	0.000000
COSTO_CLUSTER2 (16, 47)	60.32000	0.000000
COSTO_CLUSTER2 (16, 48)	41.99200	0.000000
COSTO_CLUSTER2 (16, 49)	41.06400	0.000000
COSTO_CLUSTER2 (16, 50)	48.25600	0.000000
COSTO_CLUSTER2 (16, 51)	50.80800	0.000000
COSTO_CLUSTER2 (17, 1)	20.88000	0.000000
COSTO_CLUSTER2 (17, 2)	11.60000	0.000000
COSTO_CLUSTER2 (17, 3)	29.00000	0.000000
COSTO_CLUSTER2 (17, 4)	9.048000	0.000000
COSTO_CLUSTER2 (17, 5)	32.48000	0.000000
COSTO_CLUSTER2 (17, 6)	71.22400	0.000000
COSTO_CLUSTER2 (17, 7)	93.72800	0.000000
COSTO_CLUSTER2 (17, 8)	12.76000	0.000000
COSTO_CLUSTER2 (17, 9)	37.35200	0.000000
COSTO_CLUSTER2 (17, 10)	33.40800	0.000000
COSTO_CLUSTER2 (17, 11)	33.17600	0.000000
COSTO_CLUSTER2 (17, 12)	14.38400	0.000000
COSTO_CLUSTER2 (17, 13)	12.52800	0.000000
COSTO_CLUSTER2 (17, 14)	3.480000	0.000000
COSTO_CLUSTER2 (17, 15)	22.50400	0.000000
COSTO_CLUSTER2 (17, 16)	55.68000	0.000000
COSTO_CLUSTER2 (17, 17)	0.000000	0.000000
COSTO_CLUSTER2 (17, 18)	7.656000	0.000000
COSTO_CLUSTER2 (17, 19)	16.70400	0.000000
COSTO_CLUSTER2 (17, 20)	10.44000	0.000000
COSTO_CLUSTER2 (17, 21)	21.80800	0.000000
COSTO_CLUSTER2 (17, 22)	88.16000	0.000000
COSTO_CLUSTER2 (17, 23)	16.93600	0.000000
COSTO_CLUSTER2 (17, 24)	20.88000	0.000000
COSTO_CLUSTER2 (17, 25)	19.02400	0.000000
COSTO_CLUSTER2 (17, 26)	9.976000	0.000000
COSTO_CLUSTER2 (17, 27)	27.37600	0.000000
COSTO_CLUSTER2 (17, 28)	22.96800	0.000000
COSTO_CLUSTER2 (17, 29)	73.77600	0.000000
COSTO_CLUSTER2 (17, 30)	35.26400	0.000000
COSTO_CLUSTER2 (17, 31)	34.10400	0.000000
COSTO_CLUSTER2 (17, 32)	26.91200	0.000000
COSTO_CLUSTER2 (17, 33)	22.96800	0.000000
COSTO_CLUSTER2 (17, 34)	8.816000	0.000000
COSTO_CLUSTER2 (17, 35)	13.45600	0.000000
COSTO_CLUSTER2 (17, 36)	13.22400	0.000000
COSTO_CLUSTER2 (17, 37)	22.73600	0.000000
COSTO_CLUSTER2 (17, 38)	37.12000	0.000000
COSTO_CLUSTER2 (17, 39)	35.26400	0.000000
COSTO_CLUSTER2 (17, 40)	29.92800	0.000000
COSTO_CLUSTER2 (17, 41)	38.51200	0.000000
COSTO_CLUSTER2 (17, 42)	47.09600	0.000000
COSTO_CLUSTER2 (17, 43)	44.54400	0.000000
COSTO_CLUSTER2 (17, 44)	75.63200	0.000000
COSTO_CLUSTER2 (17, 45)	15.54400	0.000000
COSTO_CLUSTER2 (17, 46)	14.15200	0.000000
COSTO_CLUSTER2 (17, 47)	16.70400	0.000000
COSTO_CLUSTER2 (17, 48)	20.88000	0.000000
COSTO_CLUSTER2 (17, 49)	29.46400	0.000000
COSTO_CLUSTER2 (17, 50)	3.712000	0.000000
COSTO_CLUSTER2 (17, 51)	50.34400	0.000000
COSTO_CLUSTER2 (18, 1)	11.83200	0.000000
COSTO_CLUSTER2 (18, 2)	10.90400	0.000000
COSTO_CLUSTER2 (18, 3)	35.72800	0.000000

COSTO_CLUSTER2 (18, 4)	3.016000	0.000000
COSTO_CLUSTER2 (18, 5)	39.440000	0.000000
COSTO_CLUSTER2 (18, 6)	78.416000	0.000000
COSTO_CLUSTER2 (18, 7)	100.920000	0.000000
COSTO_CLUSTER2 (18, 8)	12.760000	0.000000
COSTO_CLUSTER2 (18, 9)	44.544000	0.000000
COSTO_CLUSTER2 (18, 10)	40.600000	0.000000
COSTO_CLUSTER2 (18, 11)	40.600000	0.000000
COSTO_CLUSTER2 (18, 12)	12.992000	0.000000
COSTO_CLUSTER2 (18, 13)	12.528000	0.000000
COSTO_CLUSTER2 (18, 14)	6.264000	0.000000
COSTO_CLUSTER2 (18, 15)	29.928000	0.000000
COSTO_CLUSTER2 (18, 16)	63.104000	0.000000
COSTO_CLUSTER2 (18, 17)	8.816000	0.000000
COSTO_CLUSTER2 (18, 18)	0.000000	0.000000
COSTO_CLUSTER2 (18, 19)	24.128000	0.000000
COSTO_CLUSTER2 (18, 20)	15.544000	0.000000
COSTO_CLUSTER2 (18, 21)	29.696000	0.000000
COSTO_CLUSTER2 (18, 22)	95.120000	0.000000
COSTO_CLUSTER2 (18, 23)	23.664000	0.000000
COSTO_CLUSTER2 (18, 24)	27.840000	0.000000
COSTO_CLUSTER2 (18, 25)	16.240000	0.000000
COSTO_CLUSTER2 (18, 26)	3.944000	0.000000
COSTO_CLUSTER2 (18, 27)	34.336000	0.000000
COSTO_CLUSTER2 (18, 28)	29.928000	0.000000
COSTO_CLUSTER2 (18, 29)	80.736000	0.000000
COSTO_CLUSTER2 (18, 30)	42.224000	0.000000
COSTO_CLUSTER2 (18, 31)	41.064000	0.000000
COSTO_CLUSTER2 (18, 32)	33.872000	0.000000
COSTO_CLUSTER2 (18, 33)	17.864000	0.000000
COSTO_CLUSTER2 (18, 34)	5.568000	0.000000
COSTO_CLUSTER2 (18, 35)	9.744000	0.000000
COSTO_CLUSTER2 (18, 36)	13.224000	0.000000
COSTO_CLUSTER2 (18, 37)	29.696000	0.000000
COSTO_CLUSTER2 (18, 38)	44.080000	0.000000
COSTO_CLUSTER2 (18, 39)	42.224000	0.000000
COSTO_CLUSTER2 (18, 40)	36.888000	0.000000
COSTO_CLUSTER2 (18, 41)	45.472000	0.000000
COSTO_CLUSTER2 (18, 42)	54.056000	0.000000
COSTO_CLUSTER2 (18, 43)	51.504000	0.000000
COSTO_CLUSTER2 (18, 44)	82.592000	0.000000
COSTO_CLUSTER2 (18, 45)	22.504000	0.000000
COSTO_CLUSTER2 (18, 46)	14.152000	0.000000
COSTO_CLUSTER2 (18, 47)	12.992000	0.000000
COSTO_CLUSTER2 (18, 48)	27.840000	0.000000
COSTO_CLUSTER2 (18, 49)	36.424000	0.000000
COSTO_CLUSTER2 (18, 50)	6.496000	0.000000
COSTO_CLUSTER2 (18, 51)	57.072000	0.000000
COSTO_CLUSTER2 (19, 1)	36.424000	0.000000
COSTO_CLUSTER2 (19, 2)	26.216000	0.000000
COSTO_CLUSTER2 (19, 3)	27.608000	0.000000
COSTO_CLUSTER2 (19, 4)	24.592000	0.000000
COSTO_CLUSTER2 (19, 5)	20.184000	0.000000
COSTO_CLUSTER2 (19, 6)	67.048000	0.000000
COSTO_CLUSTER2 (19, 7)	89.552000	0.000000
COSTO_CLUSTER2 (19, 8)	25.056000	0.000000
COSTO_CLUSTER2 (19, 9)	36.424000	0.000000
COSTO_CLUSTER2 (19, 10)	32.480000	0.000000
COSTO_CLUSTER2 (19, 11)	29.232000	0.000000
COSTO_CLUSTER2 (19, 12)	27.840000	0.000000
COSTO_CLUSTER2 (19, 13)	23.664000	0.000000
COSTO_CLUSTER2 (19, 14)	20.184000	0.000000
COSTO_CLUSTER2 (19, 15)	12.296000	0.000000
COSTO_CLUSTER2 (19, 16)	32.944000	0.000000
COSTO_CLUSTER2 (19, 17)	15.544000	0.000000
COSTO_CLUSTER2 (19, 18)	23.200000	0.000000
COSTO_CLUSTER2 (19, 19)	0.000000	0.000000
COSTO_CLUSTER2 (19, 20)	16.008000	0.000000
COSTO_CLUSTER2 (19, 21)	11.136000	0.000000
COSTO_CLUSTER2 (19, 22)	64.960000	0.000000
COSTO_CLUSTER2 (19, 23)	10.672000	0.000000

COSTO_CLUSTER2 (19, 24)	19.95200	0.000000
COSTO_CLUSTER2 (19, 25)	29.23200	0.000000
COSTO_CLUSTER2 (19, 26)	25.98400	0.000000
COSTO_CLUSTER2 (19, 27)	17.40000	0.000000
COSTO_CLUSTER2 (19, 28)	22.04000	0.000000
COSTO_CLUSTER2 (19, 29)	69.60000	0.000000
COSTO_CLUSTER2 (19, 30)	34.33600	0.000000
COSTO_CLUSTER2 (19, 31)	21.80800	0.000000
COSTO_CLUSTER2 (19, 32)	10.44000	0.000000
COSTO_CLUSTER2 (19, 33)	22.27200	0.000000
COSTO_CLUSTER2 (19, 34)	27.37600	0.000000
COSTO_CLUSTER2 (19, 35)	30.85600	0.000000
COSTO_CLUSTER2 (19, 36)	18.32800	0.000000
COSTO_CLUSTER2 (19, 37)	9.744000	0.000000
COSTO_CLUSTER2 (19, 38)	32.94400	0.000000
COSTO_CLUSTER2 (19, 39)	34.56800	0.000000
COSTO_CLUSTER2 (19, 40)	29.00000	0.000000
COSTO_CLUSTER2 (19, 41)	37.58400	0.000000
COSTO_CLUSTER2 (19, 42)	42.92000	0.000000
COSTO_CLUSTER2 (19, 43)	40.60000	0.000000
COSTO_CLUSTER2 (19, 44)	71.68800	0.000000
COSTO_CLUSTER2 (19, 45)	14.84800	0.000000
COSTO_CLUSTER2 (19, 46)	19.25600	0.000000
COSTO_CLUSTER2 (19, 47)	38.28000	0.000000
COSTO_CLUSTER2 (19, 48)	20.18400	0.000000
COSTO_CLUSTER2 (19, 49)	28.53600	0.000000
COSTO_CLUSTER2 (19, 50)	19.48800	0.000000
COSTO_CLUSTER2 (19, 51)	46.16800	0.000000
COSTO_CLUSTER2 (20, 1)	32.01600	0.000000
COSTO_CLUSTER2 (20, 2)	11.83200	0.000000
COSTO_CLUSTER2 (20, 3)	19.02400	0.000000
COSTO_CLUSTER2 (20, 4)	16.00800	0.000000
COSTO_CLUSTER2 (20, 5)	32.71200	0.000000
COSTO_CLUSTER2 (20, 6)	71.68800	0.000000
COSTO_CLUSTER2 (20, 7)	94.19200	0.000000
COSTO_CLUSTER2 (20, 8)	10.44000	0.000000
COSTO_CLUSTER2 (20, 9)	27.84000	0.000000
COSTO_CLUSTER2 (20, 10)	23.89600	0.000000
COSTO_CLUSTER2 (20, 11)	33.64000	0.000000
COSTO_CLUSTER2 (20, 12)	13.22400	0.000000
COSTO_CLUSTER2 (20, 13)	9.048000	0.000000
COSTO_CLUSTER2 (20, 14)	8.120000	0.000000
COSTO_CLUSTER2 (20, 15)	22.96800	0.000000
COSTO_CLUSTER2 (20, 16)	56.14400	0.000000
COSTO_CLUSTER2 (20, 17)	8.816000	0.000000
COSTO_CLUSTER2 (20, 18)	14.61600	0.000000
COSTO_CLUSTER2 (20, 19)	15.08000	0.000000
COSTO_CLUSTER2 (20, 20)	0.000000	0.000000
COSTO_CLUSTER2 (20, 21)	21.80800	0.000000
COSTO_CLUSTER2 (20, 22)	88.16000	0.000000
COSTO_CLUSTER2 (20, 23)	15.54400	0.000000
COSTO_CLUSTER2 (20, 24)	9.048000	0.000000
COSTO_CLUSTER2 (20, 25)	9.048000	0.000000
COSTO_CLUSTER2 (20, 26)	16.93600	0.000000
COSTO_CLUSTER2 (20, 27)	27.60800	0.000000
COSTO_CLUSTER2 (20, 28)	12.99200	0.000000
COSTO_CLUSTER2 (20, 29)	74.00800	0.000000
COSTO_CLUSTER2 (20, 30)	25.52000	0.000000
COSTO_CLUSTER2 (20, 31)	34.33600	0.000000
COSTO_CLUSTER2 (20, 32)	25.05600	0.000000
COSTO_CLUSTER2 (20, 33)	8.120000	0.000000
COSTO_CLUSTER2 (20, 34)	18.32800	0.000000
COSTO_CLUSTER2 (20, 35)	14.61600	0.000000
COSTO_CLUSTER2 (20, 36)	3.248000	0.000000
COSTO_CLUSTER2 (20, 37)	22.96800	0.000000
COSTO_CLUSTER2 (20, 38)	37.12000	0.000000
COSTO_CLUSTER2 (20, 39)	25.52000	0.000000
COSTO_CLUSTER2 (20, 40)	20.18400	0.000000
COSTO_CLUSTER2 (20, 41)	28.76800	0.000000
COSTO_CLUSTER2 (20, 42)	47.09600	0.000000
COSTO_CLUSTER2 (20, 43)	34.56800	0.000000

COSTO_CLUSTER2 (20, 44)	75.86400	0.000000
COSTO_CLUSTER2 (20, 45)	15.77600	0.000000
COSTO_CLUSTER2 (20, 46)	4.176000	0.000000
COSTO_CLUSTER2 (20, 47)	15.77600	0.000000
COSTO_CLUSTER2 (20, 48)	9.048000	0.000000
COSTO_CLUSTER2 (20, 49)	19.48800	0.000000
COSTO_CLUSTER2 (20, 50)	7.888000	0.000000
COSTO_CLUSTER2 (20, 51)	37.12000	0.000000
COSTO_CLUSTER2 (21, 1)	43.61600	0.000000
COSTO_CLUSTER2 (21, 2)	34.10400	0.000000
COSTO_CLUSTER2 (21, 3)	26.44800	0.000000
COSTO_CLUSTER2 (21, 4)	31.78400	0.000000
COSTO_CLUSTER2 (21, 5)	11.36800	0.000000
COSTO_CLUSTER2 (21, 6)	57.30400	0.000000
COSTO_CLUSTER2 (21, 7)	79.80800	0.000000
COSTO_CLUSTER2 (21, 8)	33.17600	0.000000
COSTO_CLUSTER2 (21, 9)	30.39200	0.000000
COSTO_CLUSTER2 (21, 10)	31.32000	0.000000
COSTO_CLUSTER2 (21, 11)	21.34400	0.000000
COSTO_CLUSTER2 (21, 12)	34.33600	0.000000
COSTO_CLUSTER2 (21, 13)	31.08800	0.000000
COSTO_CLUSTER2 (21, 14)	25.98400	0.000000
COSTO_CLUSTER2 (21, 15)	1.856000	0.000000
COSTO_CLUSTER2 (21, 16)	24.12800	0.000000
COSTO_CLUSTER2 (21, 17)	26.44800	0.000000
COSTO_CLUSTER2 (21, 18)	30.16000	0.000000
COSTO_CLUSTER2 (21, 19)	10.20800	0.000000
COSTO_CLUSTER2 (21, 20)	22.96800	0.000000
COSTO_CLUSTER2 (21, 21)	0.000000	0.000000
COSTO_CLUSTER2 (21, 22)	56.14400	0.000000
COSTO_CLUSTER2 (21, 23)	7.888000	0.000000
COSTO_CLUSTER2 (21, 24)	18.56000	0.000000
COSTO_CLUSTER2 (21, 25)	27.60800	0.000000
COSTO_CLUSTER2 (21, 26)	32.48000	0.000000
COSTO_CLUSTER2 (21, 27)	6.264000	0.000000
COSTO_CLUSTER2 (21, 28)	20.64800	0.000000
COSTO_CLUSTER2 (21, 29)	59.62400	0.000000
COSTO_CLUSTER2 (21, 30)	27.84000	0.000000
COSTO_CLUSTER2 (21, 31)	12.99200	0.000000
COSTO_CLUSTER2 (21, 32)	15.77600	0.000000
COSTO_CLUSTER2 (21, 33)	20.64800	0.000000
COSTO_CLUSTER2 (21, 34)	34.10400	0.000000
COSTO_CLUSTER2 (21, 35)	37.58400	0.000000
COSTO_CLUSTER2 (21, 36)	25.28800	0.000000
COSTO_CLUSTER2 (21, 37)	3.016000	0.000000
COSTO_CLUSTER2 (21, 38)	22.73600	0.000000
COSTO_CLUSTER2 (21, 39)	32.24800	0.000000
COSTO_CLUSTER2 (21, 40)	27.60800	0.000000
COSTO_CLUSTER2 (21, 41)	32.48000	0.000000
COSTO_CLUSTER2 (21, 42)	32.71200	0.000000
COSTO_CLUSTER2 (21, 43)	30.39200	0.000000
COSTO_CLUSTER2 (21, 44)	61.48000	0.000000
COSTO_CLUSTER2 (21, 45)	13.45600	0.000000
COSTO_CLUSTER2 (21, 46)	26.21600	0.000000
COSTO_CLUSTER2 (21, 47)	36.65600	0.000000
COSTO_CLUSTER2 (21, 48)	18.56000	0.000000
COSTO_CLUSTER2 (21, 49)	19.25600	0.000000
COSTO_CLUSTER2 (21, 50)	26.21600	0.000000
COSTO_CLUSTER2 (21, 51)	35.96000	0.000000
COSTO_CLUSTER2 (22, 1)	98.36800	0.000000
COSTO_CLUSTER2 (22, 2)	88.85600	0.000000
COSTO_CLUSTER2 (22, 3)	82.82400	0.000000
COSTO_CLUSTER2 (22, 4)	86.53600	0.000000
COSTO_CLUSTER2 (22, 5)	48.02400	0.000000
COSTO_CLUSTER2 (22, 6)	104.8640	0.000000
COSTO_CLUSTER2 (22, 7)	127.3680	0.000000
COSTO_CLUSTER2 (22, 8)	89.32000	0.000000
COSTO_CLUSTER2 (22, 9)	77.95200	0.000000
COSTO_CLUSTER2 (22, 10)	80.27200	0.000000
COSTO_CLUSTER2 (22, 11)	67.04800	0.000000
COSTO_CLUSTER2 (22, 12)	87.92800	0.000000

COSTO_CLUSTER2 (22, 13)	85.84000	0.000000
COSTO_CLUSTER2 (22, 14)	80.73600	0.000000
COSTO_CLUSTER2 (22, 15)	56.14400	0.000000
COSTO_CLUSTER2 (22, 16)	40.60000	0.000000
COSTO_CLUSTER2 (22, 17)	81.20000	0.000000
COSTO_CLUSTER2 (22, 18)	84.91200	0.000000
COSTO_CLUSTER2 (22, 19)	65.88800	0.000000
COSTO_CLUSTER2 (22, 20)	77.72000	0.000000
COSTO_CLUSTER2 (22, 21)	58.23200	0.000000
COSTO_CLUSTER2 (22, 22)	0.000000	0.000000
COSTO_CLUSTER2 (22, 23)	63.80000	0.000000
COSTO_CLUSTER2 (22, 24)	74.70400	0.000000
COSTO_CLUSTER2 (22, 25)	83.98400	0.000000
COSTO_CLUSTER2 (22, 26)	87.23200	0.000000
COSTO_CLUSTER2 (22, 27)	52.89600	0.000000
COSTO_CLUSTER2 (22, 28)	76.79200	0.000000
COSTO_CLUSTER2 (22, 29)	107.1840	0.000000
COSTO_CLUSTER2 (22, 30)	75.40000	0.000000
COSTO_CLUSTER2 (22, 31)	45.00800	0.000000
COSTO_CLUSTER2 (22, 32)	63.56800	0.000000
COSTO_CLUSTER2 (22, 33)	77.02400	0.000000
COSTO_CLUSTER2 (22, 34)	88.85600	0.000000
COSTO_CLUSTER2 (22, 35)	92.33600	0.000000
COSTO_CLUSTER2 (22, 36)	80.04000	0.000000
COSTO_CLUSTER2 (22, 37)	59.62400	0.000000
COSTO_CLUSTER2 (22, 38)	70.29600	0.000000
COSTO_CLUSTER2 (22, 39)	80.04000	0.000000
COSTO_CLUSTER2 (22, 40)	83.75200	0.000000
COSTO_CLUSTER2 (22, 41)	80.04000	0.000000
COSTO_CLUSTER2 (22, 42)	80.27200	0.000000
COSTO_CLUSTER2 (22, 43)	77.95200	0.000000
COSTO_CLUSTER2 (22, 44)	109.0400	0.000000
COSTO_CLUSTER2 (22, 45)	69.60000	0.000000
COSTO_CLUSTER2 (22, 46)	80.96800	0.000000
COSTO_CLUSTER2 (22, 47)	93.03200	0.000000
COSTO_CLUSTER2 (22, 48)	74.93600	0.000000
COSTO_CLUSTER2 (22, 49)	74.00800	0.000000
COSTO_CLUSTER2 (22, 50)	80.96800	0.000000
COSTO_CLUSTER2 (22, 51)	83.52000	0.000000
COSTO_CLUSTER2 (23, 1)	36.88800	0.000000
COSTO_CLUSTER2 (23, 2)	25.75200	0.000000
COSTO_CLUSTER2 (23, 3)	19.72000	0.000000
COSTO_CLUSTER2 (23, 4)	25.05600	0.000000
COSTO_CLUSTER2 (23, 5)	17.16800	0.000000
COSTO_CLUSTER2 (23, 6)	59.39200	0.000000
COSTO_CLUSTER2 (23, 7)	81.66400	0.000000
COSTO_CLUSTER2 (23, 8)	26.44800	0.000000
COSTO_CLUSTER2 (23, 9)	28.53600	0.000000
COSTO_CLUSTER2 (23, 10)	24.82400	0.000000
COSTO_CLUSTER2 (23, 11)	23.43200	0.000000
COSTO_CLUSTER2 (23, 12)	27.60800	0.000000
COSTO_CLUSTER2 (23, 13)	27.60800	0.000000
COSTO_CLUSTER2 (23, 14)	19.48800	0.000000
COSTO_CLUSTER2 (23, 15)	9.512000	0.000000
COSTO_CLUSTER2 (23, 16)	43.84800	0.000000
COSTO_CLUSTER2 (23, 17)	19.72000	0.000000
COSTO_CLUSTER2 (23, 18)	23.66400	0.000000
COSTO_CLUSTER2 (23, 19)	9.976000	0.000000
COSTO_CLUSTER2 (23, 20)	16.47200	0.000000
COSTO_CLUSTER2 (23, 21)	7.888000	0.000000
COSTO_CLUSTER2 (23, 22)	75.86400	0.000000
COSTO_CLUSTER2 (23, 23)	0.000000	0.000000
COSTO_CLUSTER2 (23, 24)	11.83200	0.000000
COSTO_CLUSTER2 (23, 25)	20.88000	0.000000
COSTO_CLUSTER2 (23, 26)	25.98400	0.000000
COSTO_CLUSTER2 (23, 27)	14.15200	0.000000
COSTO_CLUSTER2 (23, 28)	13.92000	0.000000
COSTO_CLUSTER2 (23, 29)	61.48000	0.000000
COSTO_CLUSTER2 (23, 30)	26.21600	0.000000
COSTO_CLUSTER2 (23, 31)	18.79200	0.000000
COSTO_CLUSTER2 (23, 32)	16.00800	0.000000

COSTO_CLUSTER2 (23, 33)	13.92000	0.000000
COSTO_CLUSTER2 (23, 34)	27.37600	0.000000
COSTO_CLUSTER2 (23, 35)	32.94400	0.000000
COSTO_CLUSTER2 (23, 36)	17.16800	0.000000
COSTO_CLUSTER2 (23, 37)	6.496000	0.000000
COSTO_CLUSTER2 (23, 38)	24.82400	0.000000
COSTO_CLUSTER2 (23, 39)	26.21600	0.000000
COSTO_CLUSTER2 (23, 40)	20.88000	0.000000
COSTO_CLUSTER2 (23, 41)	29.46400	0.000000
COSTO_CLUSTER2 (23, 42)	34.80000	0.000000
COSTO_CLUSTER2 (23, 43)	32.24800	0.000000
COSTO_CLUSTER2 (23, 44)	63.33600	0.000000
COSTO_CLUSTER2 (23, 45)	6.728000	0.000000
COSTO_CLUSTER2 (23, 46)	18.32800	0.000000
COSTO_CLUSTER2 (23, 47)	30.16000	0.000000
COSTO_CLUSTER2 (23, 48)	11.83200	0.000000
COSTO_CLUSTER2 (23, 49)	20.41600	0.000000
COSTO_CLUSTER2 (23, 50)	19.48800	0.000000
COSTO_CLUSTER2 (23, 51)	37.81600	0.000000
COSTO_CLUSTER2 (24, 1)	36.88800	0.000000
COSTO_CLUSTER2 (24, 2)	16.24000	0.000000
COSTO_CLUSTER2 (24, 3)	11.60000	0.000000
COSTO_CLUSTER2 (24, 4)	25.05600	0.000000
COSTO_CLUSTER2 (24, 5)	27.14400	0.000000
COSTO_CLUSTER2 (24, 6)	51.73600	0.000000
COSTO_CLUSTER2 (24, 7)	74.24000	0.000000
COSTO_CLUSTER2 (24, 8)	18.09600	0.000000
COSTO_CLUSTER2 (24, 9)	20.41600	0.000000
COSTO_CLUSTER2 (24, 10)	16.47200	0.000000
COSTO_CLUSTER2 (24, 11)	30.39200	0.000000
COSTO_CLUSTER2 (24, 12)	19.48800	0.000000
COSTO_CLUSTER2 (24, 13)	13.68800	0.000000
COSTO_CLUSTER2 (24, 14)	19.25600	0.000000
COSTO_CLUSTER2 (24, 15)	17.63200	0.000000
COSTO_CLUSTER2 (24, 16)	50.80800	0.000000
COSTO_CLUSTER2 (24, 17)	19.72000	0.000000
COSTO_CLUSTER2 (24, 18)	23.43200	0.000000
COSTO_CLUSTER2 (24, 19)	17.86400	0.000000
COSTO_CLUSTER2 (24, 20)	11.60000	0.000000
COSTO_CLUSTER2 (24, 21)	16.47200	0.000000
COSTO_CLUSTER2 (24, 22)	82.82400	0.000000
COSTO_CLUSTER2 (24, 23)	11.13600	0.000000
COSTO_CLUSTER2 (24, 24)	0.000000	0.000000
COSTO_CLUSTER2 (24, 25)	7.424000	0.000000
COSTO_CLUSTER2 (24, 26)	25.75200	0.000000
COSTO_CLUSTER2 (24, 27)	22.04000	0.000000
COSTO_CLUSTER2 (24, 28)	5.336000	0.000000
COSTO_CLUSTER2 (24, 29)	54.05600	0.000000
COSTO_CLUSTER2 (24, 30)	17.86400	0.000000
COSTO_CLUSTER2 (24, 31)	28.76800	0.000000
COSTO_CLUSTER2 (24, 32)	27.60800	0.000000
COSTO_CLUSTER2 (24, 33)	3.944000	0.000000
COSTO_CLUSTER2 (24, 34)	27.37600	0.000000
COSTO_CLUSTER2 (24, 35)	24.59200	0.000000
COSTO_CLUSTER2 (24, 36)	7.656000	0.000000
COSTO_CLUSTER2 (24, 37)	16.24000	0.000000
COSTO_CLUSTER2 (24, 38)	31.78400	0.000000
COSTO_CLUSTER2 (24, 39)	18.09600	0.000000
COSTO_CLUSTER2 (24, 40)	12.52800	0.000000
COSTO_CLUSTER2 (24, 41)	21.11200	0.000000
COSTO_CLUSTER2 (24, 42)	41.76000	0.000000
COSTO_CLUSTER2 (24, 43)	26.91200	0.000000
COSTO_CLUSTER2 (24, 44)	52.20000	0.000000
COSTO_CLUSTER2 (24, 45)	9.512000	0.000000
COSTO_CLUSTER2 (24, 46)	8.816000	0.000000
COSTO_CLUSTER2 (24, 47)	21.80800	0.000000
COSTO_CLUSTER2 (24, 48)	0.2320000	0.000000
COSTO_CLUSTER2 (24, 49)	12.06400	0.000000
COSTO_CLUSTER2 (24, 50)	19.48800	0.000000
COSTO_CLUSTER2 (24, 51)	29.69600	0.000000
COSTO_CLUSTER2 (25, 1)	29.23200	0.000000

COSTO_CLUSTER2 (25, 2)	13.45600	0.000000
COSTO_CLUSTER2 (25, 3)	8.584000	0.000000
COSTO_CLUSTER2 (25, 4)	15.08000	0.000000
COSTO_CLUSTER2 (25, 5)	34.80000	0.000000
COSTO_CLUSTER2 (25, 6)	50.80800	0.000000
COSTO_CLUSTER2 (25, 7)	73.08000	0.000000
COSTO_CLUSTER2 (25, 8)	6.728000	0.000000
COSTO_CLUSTER2 (25, 9)	19.25600	0.000000
COSTO_CLUSTER2 (25, 10)	15.31200	0.000000
COSTO_CLUSTER2 (25, 11)	37.81600	0.000000
COSTO_CLUSTER2 (25, 12)	9.280000	0.000000
COSTO_CLUSTER2 (25, 13)	7.424000	0.000000
COSTO_CLUSTER2 (25, 14)	13.92000	0.000000
COSTO_CLUSTER2 (25, 15)	25.75200	0.000000
COSTO_CLUSTER2 (25, 16)	58.92800	0.000000
COSTO_CLUSTER2 (25, 17)	16.70400	0.000000
COSTO_CLUSTER2 (25, 18)	15.31200	0.000000
COSTO_CLUSTER2 (25, 19)	25.98400	0.000000
COSTO_CLUSTER2 (25, 20)	11.36800	0.000000
COSTO_CLUSTER2 (25, 21)	24.59200	0.000000
COSTO_CLUSTER2 (25, 22)	90.94400	0.000000
COSTO_CLUSTER2 (25, 23)	19.25600	0.000000
COSTO_CLUSTER2 (25, 24)	7.424000	0.000000
COSTO_CLUSTER2 (25, 25)	0.000000	0.000000
COSTO_CLUSTER2 (25, 26)	17.63200	0.000000
COSTO_CLUSTER2 (25, 27)	30.16000	0.000000
COSTO_CLUSTER2 (25, 28)	8.352000	0.000000
COSTO_CLUSTER2 (25, 29)	52.89600	0.000000
COSTO_CLUSTER2 (25, 30)	16.93600	0.000000
COSTO_CLUSTER2 (25, 31)	36.88800	0.000000
COSTO_CLUSTER2 (25, 32)	35.96000	0.000000
COSTO_CLUSTER2 (25, 33)	4.872000	0.000000
COSTO_CLUSTER2 (25, 34)	19.02400	0.000000
COSTO_CLUSTER2 (25, 35)	16.47200	0.000000
COSTO_CLUSTER2 (25, 36)	6.728000	0.000000
COSTO_CLUSTER2 (25, 37)	24.36000	0.000000
COSTO_CLUSTER2 (25, 38)	32.01600	0.000000
COSTO_CLUSTER2 (25, 39)	16.93600	0.000000
COSTO_CLUSTER2 (25, 40)	9.512000	0.000000
COSTO_CLUSTER2 (25, 41)	20.18400	0.000000
COSTO_CLUSTER2 (25, 42)	41.99200	0.000000
COSTO_CLUSTER2 (25, 43)	25.98400	0.000000
COSTO_CLUSTER2 (25, 44)	51.04000	0.000000
COSTO_CLUSTER2 (25, 45)	17.63200	0.000000
COSTO_CLUSTER2 (25, 46)	5.104000	0.000000
COSTO_CLUSTER2 (25, 47)	13.68800	0.000000
COSTO_CLUSTER2 (25, 48)	7.656000	0.000000
COSTO_CLUSTER2 (25, 49)	11.13600	0.000000
COSTO_CLUSTER2 (25, 50)	13.68800	0.000000
COSTO_CLUSTER2 (25, 51)	28.53600	0.000000
COSTO_CLUSTER2 (26, 1)	16.00800	0.000000
COSTO_CLUSTER2 (26, 2)	11.36800	0.000000
COSTO_CLUSTER2 (26, 3)	35.26400	0.000000
COSTO_CLUSTER2 (26, 4)	4.640000	0.000000
COSTO_CLUSTER2 (26, 5)	38.97600	0.000000
COSTO_CLUSTER2 (26, 6)	78.18400	0.000000
COSTO_CLUSTER2 (26, 7)	100.4560	0.000000
COSTO_CLUSTER2 (26, 8)	14.38400	0.000000
COSTO_CLUSTER2 (26, 9)	44.08000	0.000000
COSTO_CLUSTER2 (26, 10)	40.36800	0.000000
COSTO_CLUSTER2 (26, 11)	42.22400	0.000000
COSTO_CLUSTER2 (26, 12)	14.61600	0.000000
COSTO_CLUSTER2 (26, 13)	14.15200	0.000000
COSTO_CLUSTER2 (26, 14)	8.584000	0.000000
COSTO_CLUSTER2 (26, 15)	29.46400	0.000000
COSTO_CLUSTER2 (26, 16)	62.64000	0.000000
COSTO_CLUSTER2 (26, 17)	8.352000	0.000000
COSTO_CLUSTER2 (26, 18)	3.248000	0.000000
COSTO_CLUSTER2 (26, 19)	23.66400	0.000000
COSTO_CLUSTER2 (26, 20)	18.79200	0.000000
COSTO_CLUSTER2 (26, 21)	28.30400	0.000000

COSTO_CLUSTER2 (26, 22)	94.65600	0.000000
COSTO_CLUSTER2 (26, 23)	23.20000	0.000000
COSTO_CLUSTER2 (26, 24)	27.37600	0.000000
COSTO_CLUSTER2 (26, 25)	18.09600	0.000000
COSTO_CLUSTER2 (26, 26)	0.000000	0.000000
COSTO_CLUSTER2 (26, 27)	33.87200	0.000000
COSTO_CLUSTER2 (26, 28)	29.46400	0.000000
COSTO_CLUSTER2 (26, 29)	80.27200	0.000000
COSTO_CLUSTER2 (26, 30)	41.76000	0.000000
COSTO_CLUSTER2 (26, 31)	40.60000	0.000000
COSTO_CLUSTER2 (26, 32)	33.40800	0.000000
COSTO_CLUSTER2 (26, 33)	29.46400	0.000000
COSTO_CLUSTER2 (26, 34)	1.624000	0.000000
COSTO_CLUSTER2 (26, 35)	12.06400	0.000000
COSTO_CLUSTER2 (26, 36)	14.84800	0.000000
COSTO_CLUSTER2 (26, 37)	29.23200	0.000000
COSTO_CLUSTER2 (26, 38)	43.61600	0.000000
COSTO_CLUSTER2 (26, 39)	41.76000	0.000000
COSTO_CLUSTER2 (26, 40)	36.42400	0.000000
COSTO_CLUSTER2 (26, 41)	45.00800	0.000000
COSTO_CLUSTER2 (26, 42)	53.59200	0.000000
COSTO_CLUSTER2 (26, 43)	51.04000	0.000000
COSTO_CLUSTER2 (26, 44)	82.12800	0.000000
COSTO_CLUSTER2 (26, 45)	22.04000	0.000000
COSTO_CLUSTER2 (26, 46)	15.77600	0.000000
COSTO_CLUSTER2 (26, 47)	15.54400	0.000000
COSTO_CLUSTER2 (26, 48)	27.37600	0.000000
COSTO_CLUSTER2 (26, 49)	35.96000	0.000000
COSTO_CLUSTER2 (26, 50)	8.584000	0.000000
COSTO_CLUSTER2 (26, 51)	56.84000	0.000000
COSTO_CLUSTER2 (27, 1)	45.47200	0.000000
COSTO_CLUSTER2 (27, 2)	36.19200	0.000000
COSTO_CLUSTER2 (27, 3)	29.92800	0.000000
COSTO_CLUSTER2 (27, 4)	33.64000	0.000000
COSTO_CLUSTER2 (27, 5)	8.816000	0.000000
COSTO_CLUSTER2 (27, 6)	56.84000	0.000000
COSTO_CLUSTER2 (27, 7)	79.34400	0.000000
COSTO_CLUSTER2 (27, 8)	36.42400	0.000000
COSTO_CLUSTER2 (27, 9)	29.92800	0.000000
COSTO_CLUSTER2 (27, 10)	34.80000	0.000000
COSTO_CLUSTER2 (27, 11)	20.88000	0.000000
COSTO_CLUSTER2 (27, 12)	37.81600	0.000000
COSTO_CLUSTER2 (27, 13)	32.94400	0.000000
COSTO_CLUSTER2 (27, 14)	28.07200	0.000000
COSTO_CLUSTER2 (27, 15)	3.248000	0.000000
COSTO_CLUSTER2 (27, 16)	21.57600	0.000000
COSTO_CLUSTER2 (27, 17)	28.30400	0.000000
COSTO_CLUSTER2 (27, 18)	32.24800	0.000000
COSTO_CLUSTER2 (27, 19)	15.54400	0.000000
COSTO_CLUSTER2 (27, 20)	25.05600	0.000000
COSTO_CLUSTER2 (27, 21)	5.336000	0.000000
COSTO_CLUSTER2 (27, 22)	53.59200	0.000000
COSTO_CLUSTER2 (27, 23)	12.06400	0.000000
COSTO_CLUSTER2 (27, 24)	21.80800	0.000000
COSTO_CLUSTER2 (27, 25)	31.08800	0.000000
COSTO_CLUSTER2 (27, 26)	34.10400	0.000000
COSTO_CLUSTER2 (27, 27)	0.000000	0.000000
COSTO_CLUSTER2 (27, 28)	23.89600	0.000000
COSTO_CLUSTER2 (27, 29)	58.92800	0.000000
COSTO_CLUSTER2 (27, 30)	27.37600	0.000000
COSTO_CLUSTER2 (27, 31)	10.44000	0.000000
COSTO_CLUSTER2 (27, 32)	16.70400	0.000000
COSTO_CLUSTER2 (27, 33)	24.12800	0.000000
COSTO_CLUSTER2 (27, 34)	35.49600	0.000000
COSTO_CLUSTER2 (27, 35)	39.44000	0.000000
COSTO_CLUSTER2 (27, 36)	27.37600	0.000000
COSTO_CLUSTER2 (27, 37)	19.25600	0.000000
COSTO_CLUSTER2 (27, 38)	23.43200	0.000000
COSTO_CLUSTER2 (27, 39)	15.08000	0.000000
COSTO_CLUSTER2 (27, 40)	6.728000	0.000000
COSTO_CLUSTER2 (27, 41)	18.32800	0.000000

COSTO_CLUSTER2 (27, 42)	32.24800	0.000000
COSTO_CLUSTER2 (27, 43)	29.92800	0.000000
COSTO_CLUSTER2 (27, 44)	61.01600	0.000000
COSTO_CLUSTER2 (27, 45)	16.70400	0.000000
COSTO_CLUSTER2 (27, 46)	28.30400	0.000000
COSTO_CLUSTER2 (27, 47)	40.13600	0.000000
COSTO_CLUSTER2 (27, 48)	22.04000	0.000000
COSTO_CLUSTER2 (27, 49)	21.11200	0.000000
COSTO_CLUSTER2 (27, 50)	28.07200	0.000000
COSTO_CLUSTER2 (27, 51)	35.49600	0.000000
COSTO_CLUSTER2 (28, 1)	34.56800	0.000000
COSTO_CLUSTER2 (28, 2)	19.25600	0.000000
COSTO_CLUSTER2 (28, 3)	6.960000	0.000000
COSTO_CLUSTER2 (28, 4)	27.84000	0.000000
COSTO_CLUSTER2 (28, 5)	25.28800	0.000000
COSTO_CLUSTER2 (28, 6)	48.72000	0.000000
COSTO_CLUSTER2 (28, 7)	71.22400	0.000000
COSTO_CLUSTER2 (28, 8)	15.08000	0.000000
COSTO_CLUSTER2 (28, 9)	17.40000	0.000000
COSTO_CLUSTER2 (28, 10)	13.45600	0.000000
COSTO_CLUSTER2 (28, 11)	22.96800	0.000000
COSTO_CLUSTER2 (28, 12)	16.47200	0.000000
COSTO_CLUSTER2 (28, 13)	16.47200	0.000000
COSTO_CLUSTER2 (28, 14)	22.27200	0.000000
COSTO_CLUSTER2 (28, 15)	15.54400	0.000000
COSTO_CLUSTER2 (28, 16)	38.04800	0.000000
COSTO_CLUSTER2 (28, 17)	22.73600	0.000000
COSTO_CLUSTER2 (28, 18)	26.44800	0.000000
COSTO_CLUSTER2 (28, 19)	20.88000	0.000000
COSTO_CLUSTER2 (28, 20)	14.38400	0.000000
COSTO_CLUSTER2 (28, 21)	16.47200	0.000000
COSTO_CLUSTER2 (28, 22)	70.06400	0.000000
COSTO_CLUSTER2 (28, 23)	14.15200	0.000000
COSTO_CLUSTER2 (28, 24)	5.104000	0.000000
COSTO_CLUSTER2 (28, 25)	9.744000	0.000000
COSTO_CLUSTER2 (28, 26)	28.53600	0.000000
COSTO_CLUSTER2 (28, 27)	20.18400	0.000000
COSTO_CLUSTER2 (28, 28)	0.000000	0.000000
COSTO_CLUSTER2 (28, 29)	51.04000	0.000000
COSTO_CLUSTER2 (28, 30)	15.08000	0.000000
COSTO_CLUSTER2 (28, 31)	26.91200	0.000000
COSTO_CLUSTER2 (28, 32)	30.62400	0.000000
COSTO_CLUSTER2 (28, 33)	5.800000	0.000000
COSTO_CLUSTER2 (28, 34)	29.92800	0.000000
COSTO_CLUSTER2 (28, 35)	21.80800	0.000000
COSTO_CLUSTER2 (28, 36)	10.67200	0.000000
COSTO_CLUSTER2 (28, 37)	66.81600	0.000000
COSTO_CLUSTER2 (28, 38)	50.80800	0.000000
COSTO_CLUSTER2 (28, 39)	38.04800	0.000000
COSTO_CLUSTER2 (28, 40)	45.24000	0.000000
COSTO_CLUSTER2 (28, 41)	35.26400	0.000000
COSTO_CLUSTER2 (28, 42)	33.17600	0.000000
COSTO_CLUSTER2 (28, 43)	24.12800	0.000000
COSTO_CLUSTER2 (28, 44)	49.18400	0.000000
COSTO_CLUSTER2 (28, 45)	12.52800	0.000000
COSTO_CLUSTER2 (28, 46)	8.816000	0.000000
COSTO_CLUSTER2 (28, 47)	18.79200	0.000000
COSTO_CLUSTER2 (28, 48)	5.336000	0.000000
COSTO_CLUSTER2 (28, 49)	4.872000	0.000000
COSTO_CLUSTER2 (28, 50)	22.50400	0.000000
COSTO_CLUSTER2 (28, 51)	26.68000	0.000000
COSTO_CLUSTER2 (29, 1)	94.65600	0.000000
COSTO_CLUSTER2 (29, 2)	67.51200	0.000000
COSTO_CLUSTER2 (29, 3)	46.86400	0.000000
COSTO_CLUSTER2 (29, 4)	83.05600	0.000000
COSTO_CLUSTER2 (29, 5)	69.13600	0.000000
COSTO_CLUSTER2 (29, 6)	9.048000	0.000000
COSTO_CLUSTER2 (29, 7)	27.14400	0.000000
COSTO_CLUSTER2 (29, 8)	60.32000	0.000000
COSTO_CLUSTER2 (29, 9)	38.04800	0.000000
COSTO_CLUSTER2 (29, 10)	39.44000	0.000000

COSTO_CLUSTER2 (29, 11)	49.88000	0.000000
COSTO_CLUSTER2 (29, 12)	61.71200	0.000000
COSTO_CLUSTER2 (29, 13)	61.71200	0.000000
COSTO_CLUSTER2 (29, 14)	77.48800	0.000000
COSTO_CLUSTER2 (29, 15)	59.62400	0.000000
COSTO_CLUSTER2 (29, 16)	76.32800	0.000000
COSTO_CLUSTER2 (29, 17)	77.72000	0.000000
COSTO_CLUSTER2 (29, 18)	81.66400	0.000000
COSTO_CLUSTER2 (29, 19)	71.68800	0.000000
COSTO_CLUSTER2 (29, 20)	74.47200	0.000000
COSTO_CLUSTER2 (29, 21)	60.32000	0.000000
COSTO_CLUSTER2 (29, 22)	108.5760	0.000000
COSTO_CLUSTER2 (29, 23)	64.96000	0.000000
COSTO_CLUSTER2 (29, 24)	56.37600	0.000000
COSTO_CLUSTER2 (29, 25)	54.98400	0.000000
COSTO_CLUSTER2 (29, 26)	83.52000	0.000000
COSTO_CLUSTER2 (29, 27)	64.03200	0.000000
COSTO_CLUSTER2 (29, 28)	54.28800	0.000000
COSTO_CLUSTER2 (29, 29)	0.000000	0.000000
COSTO_CLUSTER2 (29, 30)	39.20800	0.000000
COSTO_CLUSTER2 (29, 31)	70.76000	0.000000
COSTO_CLUSTER2 (29, 32)	81.43200	0.000000
COSTO_CLUSTER2 (29, 33)	55.44800	0.000000
COSTO_CLUSTER2 (29, 34)	85.14400	0.000000
COSTO_CLUSTER2 (29, 35)	67.04800	0.000000
COSTO_CLUSTER2 (29, 36)	76.79200	0.000000
COSTO_CLUSTER2 (29, 37)	94.19200	0.000000
COSTO_CLUSTER2 (29, 38)	108.3440	0.000000
COSTO_CLUSTER2 (29, 39)	106.7200	0.000000
COSTO_CLUSTER2 (29, 40)	101.1520	0.000000
COSTO_CLUSTER2 (29, 41)	109.7360	0.000000
COSTO_CLUSTER2 (29, 42)	60.55200	0.000000
COSTO_CLUSTER2 (29, 43)	38.28000	0.000000
COSTO_CLUSTER2 (29, 44)	7.192000	0.000000
COSTO_CLUSTER2 (29, 45)	66.35200	0.000000
COSTO_CLUSTER2 (29, 46)	60.32000	0.000000
COSTO_CLUSTER2 (29, 47)	64.03200	0.000000
COSTO_CLUSTER2 (29, 48)	56.60800	0.000000
COSTO_CLUSTER2 (29, 49)	46.16800	0.000000
COSTO_CLUSTER2 (29, 50)	77.48800	0.000000
COSTO_CLUSTER2 (29, 51)	29.92800	0.000000
COSTO_CLUSTER2 (30, 1)	43.38400	0.000000
COSTO_CLUSTER2 (30, 2)	31.32000	0.000000
COSTO_CLUSTER2 (30, 3)	11.36800	0.000000
COSTO_CLUSTER2 (30, 4)	34.33600	0.000000
COSTO_CLUSTER2 (30, 5)	34.80000	0.000000
COSTO_CLUSTER2 (30, 6)	34.10400	0.000000
COSTO_CLUSTER2 (30, 7)	56.60800	0.000000
COSTO_CLUSTER2 (30, 8)	24.12800	0.000000
COSTO_CLUSTER2 (30, 9)	2.552000	0.000000
COSTO_CLUSTER2 (30, 10)	5.104000	0.000000
COSTO_CLUSTER2 (30, 11)	14.84800	0.000000
COSTO_CLUSTER2 (30, 12)	25.28800	0.000000
COSTO_CLUSTER2 (30, 13)	25.28800	0.000000
COSTO_CLUSTER2 (30, 14)	32.94400	0.000000
COSTO_CLUSTER2 (30, 15)	25.28800	0.000000
COSTO_CLUSTER2 (30, 16)	41.99200	0.000000
COSTO_CLUSTER2 (30, 17)	37.58400	0.000000
COSTO_CLUSTER2 (30, 18)	41.29600	0.000000
COSTO_CLUSTER2 (30, 19)	35.72800	0.000000
COSTO_CLUSTER2 (30, 20)	28.76800	0.000000
COSTO_CLUSTER2 (30, 21)	25.98400	0.000000
COSTO_CLUSTER2 (30, 22)	74.24000	0.000000
COSTO_CLUSTER2 (30, 23)	29.00000	0.000000
COSTO_CLUSTER2 (30, 24)	19.95200	0.000000
COSTO_CLUSTER2 (30, 25)	18.56000	0.000000
COSTO_CLUSTER2 (30, 26)	43.15200	0.000000
COSTO_CLUSTER2 (30, 27)	29.69600	0.000000
COSTO_CLUSTER2 (30, 28)	17.86400	0.000000
COSTO_CLUSTER2 (30, 29)	36.19200	0.000000
COSTO_CLUSTER2 (30, 30)	0.000000	0.000000

COSTO_CLUSTER2 (30, 31)	36.42400	0.000000
COSTO_CLUSTER2 (30, 32)	45.47200	0.000000
COSTO_CLUSTER2 (30, 33)	19.02400	0.000000
COSTO_CLUSTER2 (30, 34)	44.77600	0.000000
COSTO_CLUSTER2 (30, 35)	30.62400	0.000000
COSTO_CLUSTER2 (30, 36)	25.28800	0.000000
COSTO_CLUSTER2 (30, 37)	228.05600	0.000000
COSTO_CLUSTER2 (30, 38)	241.28000	0.000000
COSTO_CLUSTER2 (30, 39)	241.28000	0.000000
COSTO_CLUSTER2 (30, 40)	234.32000	0.000000
COSTO_CLUSTER2 (30, 41)	243.60000	0.000000
COSTO_CLUSTER2 (30, 42)	25.52000	0.000000
COSTO_CLUSTER2 (30, 43)	7.4240000	0.000000
COSTO_CLUSTER2 (30, 44)	34.56800	0.000000
COSTO_CLUSTER2 (30, 45)	27.37600	0.000000
COSTO_CLUSTER2 (30, 46)	24.12800	0.000000
COSTO_CLUSTER2 (30, 47)	27.84000	0.000000
COSTO_CLUSTER2 (30, 48)	20.18400	0.000000
COSTO_CLUSTER2 (30, 49)	8.352000	0.000000
COSTO_CLUSTER2 (30, 50)	32.71200	0.000000
COSTO_CLUSTER2 (30, 51)	11.83200	0.000000
COSTO_CLUSTER2 (31, 1)	55.68000	0.000000
COSTO_CLUSTER2 (31, 2)	46.16800	0.000000
COSTO_CLUSTER2 (31, 3)	40.13600	0.000000
COSTO_CLUSTER2 (31, 4)	43.84800	0.000000
COSTO_CLUSTER2 (31, 5)	5.336000	0.000000
COSTO_CLUSTER2 (31, 6)	67.04800	0.000000
COSTO_CLUSTER2 (31, 7)	89.32000	0.000000
COSTO_CLUSTER2 (31, 8)	46.63200	0.000000
COSTO_CLUSTER2 (31, 9)	39.90400	0.000000
COSTO_CLUSTER2 (31, 10)	45.00800	0.000000
COSTO_CLUSTER2 (31, 11)	31.08800	0.000000
COSTO_CLUSTER2 (31, 12)	48.02400	0.000000
COSTO_CLUSTER2 (31, 13)	43.15200	0.000000
COSTO_CLUSTER2 (31, 14)	39.44000	0.000000
COSTO_CLUSTER2 (31, 15)	13.45600	0.000000
COSTO_CLUSTER2 (31, 16)	11.13600	0.000000
COSTO_CLUSTER2 (31, 17)	38.51200	0.000000
COSTO_CLUSTER2 (31, 18)	42.45600	0.000000
COSTO_CLUSTER2 (31, 19)	23.43200	0.000000
COSTO_CLUSTER2 (31, 20)	35.26400	0.000000
COSTO_CLUSTER2 (31, 21)	15.54400	0.000000
COSTO_CLUSTER2 (31, 22)	43.15200	0.000000
COSTO_CLUSTER2 (31, 23)	21.11200	0.000000
COSTO_CLUSTER2 (31, 24)	32.01600	0.000000
COSTO_CLUSTER2 (31, 25)	41.29600	0.000000
COSTO_CLUSTER2 (31, 26)	44.31200	0.000000
COSTO_CLUSTER2 (31, 27)	10.20800	0.000000
COSTO_CLUSTER2 (31, 28)	34.10400	0.000000
COSTO_CLUSTER2 (31, 29)	69.13600	0.000000
COSTO_CLUSTER2 (31, 30)	37.58400	0.000000
COSTO_CLUSTER2 (31, 31)	0.000000	0.000000
COSTO_CLUSTER2 (31, 32)	20.88000	0.000000
COSTO_CLUSTER2 (31, 33)	34.33600	0.000000
COSTO_CLUSTER2 (31, 34)	44.31200	0.000000
COSTO_CLUSTER2 (31, 35)	49.64800	0.000000
COSTO_CLUSTER2 (31, 36)	37.35200	0.000000
COSTO_CLUSTER2 (31, 37)	44.77600	0.000000
COSTO_CLUSTER2 (31, 38)	58.92800	0.000000
COSTO_CLUSTER2 (31, 39)	37.81600	0.000000
COSTO_CLUSTER2 (31, 40)	31.78400	0.000000
COSTO_CLUSTER2 (31, 41)	40.83200	0.000000
COSTO_CLUSTER2 (31, 42)	42.45600	0.000000
COSTO_CLUSTER2 (31, 43)	39.90400	0.000000
COSTO_CLUSTER2 (31, 44)	70.99200	0.000000
COSTO_CLUSTER2 (31, 45)	26.91200	0.000000
COSTO_CLUSTER2 (31, 46)	38.28000	0.000000
COSTO_CLUSTER2 (31, 47)	50.34400	0.000000
COSTO_CLUSTER2 (31, 48)	32.24800	0.000000
COSTO_CLUSTER2 (31, 49)	31.32000	0.000000
COSTO_CLUSTER2 (31, 50)	38.28000	0.000000

COSTO_CLUSTER2 (31, 51)	45.70400	0.000000
COSTO_CLUSTER2 (32, 1)	45.24000	0.000000
COSTO_CLUSTER2 (32, 2)	35.03200	0.000000
COSTO_CLUSTER2 (32, 3)	34.33600	0.000000
COSTO_CLUSTER2 (32, 4)	33.40800	0.000000
COSTO_CLUSTER2 (32, 5)	17.16800	0.000000
COSTO_CLUSTER2 (32, 6)	70.52800	0.000000
COSTO_CLUSTER2 (32, 7)	93.03200	0.000000
COSTO_CLUSTER2 (32, 8)	40.83200	0.000000
COSTO_CLUSTER2 (32, 9)	43.61600	0.000000
COSTO_CLUSTER2 (32, 10)	39.20800	0.000000
COSTO_CLUSTER2 (32, 11)	34.56800	0.000000
COSTO_CLUSTER2 (32, 12)	42.22400	0.000000
COSTO_CLUSTER2 (32, 13)	32.48000	0.000000
COSTO_CLUSTER2 (32, 14)	29.23200	0.000000
COSTO_CLUSTER2 (32, 15)	16.70400	0.000000
COSTO_CLUSTER2 (32, 16)	29.69600	0.000000
COSTO_CLUSTER2 (32, 17)	24.59200	0.000000
COSTO_CLUSTER2 (32, 18)	32.01600	0.000000
COSTO_CLUSTER2 (32, 19)	9.744000	0.000000
COSTO_CLUSTER2 (32, 20)	24.36000	0.000000
COSTO_CLUSTER2 (32, 21)	14.84800	0.000000
COSTO_CLUSTER2 (32, 22)	61.94400	0.000000
COSTO_CLUSTER2 (32, 23)	15.54400	0.000000
COSTO_CLUSTER2 (32, 24)	26.21600	0.000000
COSTO_CLUSTER2 (32, 25)	35.49600	0.000000
COSTO_CLUSTER2 (32, 26)	33.87200	0.000000
COSTO_CLUSTER2 (32, 27)	16.93600	0.000000
COSTO_CLUSTER2 (32, 28)	28.30400	0.000000
COSTO_CLUSTER2 (32, 29)	72.84800	0.000000
COSTO_CLUSTER2 (32, 30)	40.60000	0.000000
COSTO_CLUSTER2 (32, 31)	18.56000	0.000000
COSTO_CLUSTER2 (32, 32)	0.000000	0.000000
COSTO_CLUSTER2 (32, 33)	28.53600	0.000000
COSTO_CLUSTER2 (32, 34)	35.49600	0.000000
COSTO_CLUSTER2 (32, 35)	39.20800	0.000000
COSTO_CLUSTER2 (32, 36)	26.68000	0.000000
COSTO_CLUSTER2 (32, 37)	49.18400	0.000000
COSTO_CLUSTER2 (32, 38)	33.17600	0.000000
COSTO_CLUSTER2 (32, 39)	16.47200	0.000000
COSTO_CLUSTER2 (32, 40)	22.73600	0.000000
COSTO_CLUSTER2 (32, 41)	14.38400	0.000000
COSTO_CLUSTER2 (32, 42)	45.93600	0.000000
COSTO_CLUSTER2 (32, 43)	43.61600	0.000000
COSTO_CLUSTER2 (32, 44)	74.70400	0.000000
COSTO_CLUSTER2 (32, 45)	21.11200	0.000000
COSTO_CLUSTER2 (32, 46)	27.60800	0.000000
COSTO_CLUSTER2 (32, 47)	44.54400	0.000000
COSTO_CLUSTER2 (32, 48)	26.44800	0.000000
COSTO_CLUSTER2 (32, 49)	34.80000	0.000000
COSTO_CLUSTER2 (32, 50)	28.07200	0.000000
COSTO_CLUSTER2 (32, 51)	49.18400	0.000000
COSTO_CLUSTER2 (33, 1)	39.90400	0.000000
COSTO_CLUSTER2 (33, 2)	14.38400	0.000000
COSTO_CLUSTER2 (33, 3)	10.20800	0.000000
COSTO_CLUSTER2 (33, 4)	16.24000	0.000000
COSTO_CLUSTER2 (33, 5)	30.16000	0.000000
COSTO_CLUSTER2 (33, 6)	50.57600	0.000000
COSTO_CLUSTER2 (33, 7)	72.84800	0.000000
COSTO_CLUSTER2 (33, 8)	9.280000	0.000000
COSTO_CLUSTER2 (33, 9)	19.02400	0.000000
COSTO_CLUSTER2 (33, 10)	15.31200	0.000000
COSTO_CLUSTER2 (33, 11)	33.40800	0.000000
COSTO_CLUSTER2 (33, 12)	11.60000	0.000000
COSTO_CLUSTER2 (33, 13)	8.584000	0.000000
COSTO_CLUSTER2 (33, 14)	14.84800	0.000000
COSTO_CLUSTER2 (33, 15)	20.64800	0.000000
COSTO_CLUSTER2 (33, 16)	53.82400	0.000000
COSTO_CLUSTER2 (33, 17)	22.73600	0.000000
COSTO_CLUSTER2 (33, 18)	16.24000	0.000000
COSTO_CLUSTER2 (33, 19)	20.88000	0.000000

COSTO_CLUSTER2 (33, 20)	11.13600	0.000000
COSTO_CLUSTER2 (33, 21)	19.48800	0.000000
COSTO_CLUSTER2 (33, 22)	85.84000	0.000000
COSTO_CLUSTER2 (33, 23)	14.15200	0.000000
COSTO_CLUSTER2 (33, 24)	3.712000	0.000000
COSTO_CLUSTER2 (33, 25)	4.176000	0.000000
COSTO_CLUSTER2 (33, 26)	18.56000	0.000000
COSTO_CLUSTER2 (33, 27)	25.05600	0.000000
COSTO_CLUSTER2 (33, 28)	4.176000	0.000000
COSTO_CLUSTER2 (33, 29)	52.66400	0.000000
COSTO_CLUSTER2 (33, 30)	16.70400	0.000000
COSTO_CLUSTER2 (33, 31)	31.78400	0.000000
COSTO_CLUSTER2 (33, 32)	30.62400	0.000000
COSTO_CLUSTER2 (33, 33)	0.000000	0.000000
COSTO_CLUSTER2 (33, 34)	20.18400	0.000000
COSTO_CLUSTER2 (33, 35)	17.40000	0.000000
COSTO_CLUSTER2 (33, 36)	5.336000	0.000000
COSTO_CLUSTER2 (33, 37)	28.07200	0.000000
COSTO_CLUSTER2 (33, 38)	42.45600	0.000000
COSTO_CLUSTER2 (33, 39)	40.60000	0.000000
COSTO_CLUSTER2 (33, 40)	35.26400	0.000000
COSTO_CLUSTER2 (33, 41)	43.61600	0.000000
COSTO_CLUSTER2 (33, 42)	44.77600	0.000000
COSTO_CLUSTER2 (33, 43)	25.75200	0.000000
COSTO_CLUSTER2 (33, 44)	51.04000	0.000000
COSTO_CLUSTER2 (33, 45)	12.52800	0.000000
COSTO_CLUSTER2 (33, 46)	4.872000	0.000000
COSTO_CLUSTER2 (33, 47)	20.64800	0.000000
COSTO_CLUSTER2 (33, 48)	3.712000	0.000000
COSTO_CLUSTER2 (33, 49)	10.90400	0.000000
COSTO_CLUSTER2 (33, 50)	14.61600	0.000000
COSTO_CLUSTER2 (33, 51)	28.30400	0.000000
COSTO_CLUSTER2 (34, 1)	15.77600	0.000000
COSTO_CLUSTER2 (34, 2)	10.20800	0.000000
COSTO_CLUSTER2 (34, 3)	34.10400	0.000000
COSTO_CLUSTER2 (34, 4)	3.712000	0.000000
COSTO_CLUSTER2 (34, 5)	37.81600	0.000000
COSTO_CLUSTER2 (34, 6)	76.79200	0.000000
COSTO_CLUSTER2 (34, 7)	99.29600	0.000000
COSTO_CLUSTER2 (34, 8)	13.22400	0.000000
COSTO_CLUSTER2 (34, 9)	42.92000	0.000000
COSTO_CLUSTER2 (34, 10)	38.97600	0.000000
COSTO_CLUSTER2 (34, 11)	40.83200	0.000000
COSTO_CLUSTER2 (34, 12)	13.45600	0.000000
COSTO_CLUSTER2 (34, 13)	12.99200	0.000000
COSTO_CLUSTER2 (34, 14)	7.192000	0.000000
COSTO_CLUSTER2 (34, 15)	28.07200	0.000000
COSTO_CLUSTER2 (34, 16)	61.24800	0.000000
COSTO_CLUSTER2 (34, 17)	7.192000	0.000000
COSTO_CLUSTER2 (34, 18)	2.088000	0.000000
COSTO_CLUSTER2 (34, 19)	22.50400	0.000000
COSTO_CLUSTER2 (34, 20)	17.40000	0.000000
COSTO_CLUSTER2 (34, 21)	27.14400	0.000000
COSTO_CLUSTER2 (34, 22)	93.49600	0.000000
COSTO_CLUSTER2 (34, 23)	22.04000	0.000000
COSTO_CLUSTER2 (34, 24)	25.98400	0.000000
COSTO_CLUSTER2 (34, 25)	16.93600	0.000000
COSTO_CLUSTER2 (34, 26)	3.480000	0.000000
COSTO_CLUSTER2 (34, 27)	32.71200	0.000000
COSTO_CLUSTER2 (34, 28)	28.07200	0.000000
COSTO_CLUSTER2 (34, 29)	79.11200	0.000000
COSTO_CLUSTER2 (34, 30)	40.60000	0.000000
COSTO_CLUSTER2 (34, 31)	39.44000	0.000000
COSTO_CLUSTER2 (34, 32)	32.24800	0.000000
COSTO_CLUSTER2 (34, 33)	28.30400	0.000000
COSTO_CLUSTER2 (34, 34)	0.000000	0.000000
COSTO_CLUSTER2 (34, 35)	10.90400	0.000000
COSTO_CLUSTER2 (34, 36)	13.68800	0.000000
COSTO_CLUSTER2 (34, 37)	37.58400	0.000000
COSTO_CLUSTER2 (34, 38)	45.70400	0.000000
COSTO_CLUSTER2 (34, 39)	30.62400	0.000000

COSTO_CLUSTER2 (34, 40)	24.59200	0.000000
COSTO_CLUSTER2 (34, 41)	33.64000	0.000000
COSTO_CLUSTER2 (34, 42)	52.20000	0.000000
COSTO_CLUSTER2 (34, 43)	49.88000	0.000000
COSTO_CLUSTER2 (34, 44)	80.96800	0.000000
COSTO_CLUSTER2 (34, 45)	20.88000	0.000000
COSTO_CLUSTER2 (34, 46)	14.61600	0.000000
COSTO_CLUSTER2 (34, 47)	14.38400	0.000000
COSTO_CLUSTER2 (34, 48)	26.21600	0.000000
COSTO_CLUSTER2 (34, 49)	34.56800	0.000000
COSTO_CLUSTER2 (34, 50)	7.424000	0.000000
COSTO_CLUSTER2 (34, 51)	55.44800	0.000000
COSTO_CLUSTER2 (35, 1)	16.70400	0.000000
COSTO_CLUSTER2 (35, 2)	3.944000	0.000000
COSTO_CLUSTER2 (35, 3)	24.59200	0.000000
COSTO_CLUSTER2 (35, 4)	8.816000	0.000000
COSTO_CLUSTER2 (35, 5)	49.88000	0.000000
COSTO_CLUSTER2 (35, 6)	64.26400	0.000000
COSTO_CLUSTER2 (35, 7)	86.76800	0.000000
COSTO_CLUSTER2 (35, 8)	9.280000	0.000000
COSTO_CLUSTER2 (35, 9)	32.94400	0.000000
COSTO_CLUSTER2 (35, 10)	29.00000	0.000000
COSTO_CLUSTER2 (35, 11)	50.11200	0.000000
COSTO_CLUSTER2 (35, 12)	7.656000	0.000000
COSTO_CLUSTER2 (35, 13)	11.60000	0.000000
COSTO_CLUSTER2 (35, 14)	10.20800	0.000000
COSTO_CLUSTER2 (35, 15)	37.35200	0.000000
COSTO_CLUSTER2 (35, 16)	70.52800	0.000000
COSTO_CLUSTER2 (35, 17)	12.99200	0.000000
COSTO_CLUSTER2 (35, 18)	12.76000	0.000000
COSTO_CLUSTER2 (35, 19)	28.76800	0.000000
COSTO_CLUSTER2 (35, 20)	16.24000	0.000000
COSTO_CLUSTER2 (35, 21)	36.19200	0.000000
COSTO_CLUSTER2 (35, 22)	102.5440	0.000000
COSTO_CLUSTER2 (35, 23)	33.87200	0.000000
COSTO_CLUSTER2 (35, 24)	24.82400	0.000000
COSTO_CLUSTER2 (35, 25)	15.77600	0.000000
COSTO_CLUSTER2 (35, 26)	11.13600	0.000000
COSTO_CLUSTER2 (35, 27)	42.22400	0.000000
COSTO_CLUSTER2 (35, 28)	22.73600	0.000000
COSTO_CLUSTER2 (35, 29)	66.35200	0.000000
COSTO_CLUSTER2 (35, 30)	30.39200	0.000000
COSTO_CLUSTER2 (35, 31)	48.95200	0.000000
COSTO_CLUSTER2 (35, 32)	38.74400	0.000000
COSTO_CLUSTER2 (35, 33)	17.40000	0.000000
COSTO_CLUSTER2 (35, 34)	12.76000	0.000000
COSTO_CLUSTER2 (35, 35)	0.000000	0.000000
COSTO_CLUSTER2 (35, 36)	12.99200	0.000000
COSTO_CLUSTER2 (35, 37)	46.40000	0.000000
COSTO_CLUSTER2 (35, 38)	30.39200	0.000000
COSTO_CLUSTER2 (35, 39)	17.86400	0.000000
COSTO_CLUSTER2 (35, 40)	25.05600	0.000000
COSTO_CLUSTER2 (35, 41)	14.84800	0.000000
COSTO_CLUSTER2 (35, 42)	55.44800	0.000000
COSTO_CLUSTER2 (35, 43)	39.44000	0.000000
COSTO_CLUSTER2 (35, 44)	64.72800	0.000000
COSTO_CLUSTER2 (35, 45)	30.62400	0.000000
COSTO_CLUSTER2 (35, 46)	13.68800	0.000000
COSTO_CLUSTER2 (35, 47)	4.872000	0.000000
COSTO_CLUSTER2 (35, 48)	25.05600	0.000000
COSTO_CLUSTER2 (35, 49)	24.59200	0.000000
COSTO_CLUSTER2 (35, 50)	9.976000	0.000000
COSTO_CLUSTER2 (35, 51)	42.22400	0.000000
COSTO_CLUSTER2 (36, 1)	31.32000	0.000000
COSTO_CLUSTER2 (36, 2)	10.90400	0.000000
COSTO_CLUSTER2 (36, 3)	15.54400	0.000000
COSTO_CLUSTER2 (36, 4)	12.52800	0.000000
COSTO_CLUSTER2 (36, 5)	36.19200	0.000000
COSTO_CLUSTER2 (36, 6)	58.00000	0.000000
COSTO_CLUSTER2 (36, 7)	80.27200	0.000000
COSTO_CLUSTER2 (36, 8)	8.120000	0.000000

COSTO_CLUSTER2 (36, 9)	26.44800	0.000000
COSTO_CLUSTER2 (36, 10)	22.50400	0.000000
COSTO_CLUSTER2 (36, 11)	39.20800	0.000000
COSTO_CLUSTER2 (36, 12)	10.67200	0.000000
COSTO_CLUSTER2 (36, 13)	6.728000	0.000000
COSTO_CLUSTER2 (36, 14)	9.744000	0.000000
COSTO_CLUSTER2 (36, 15)	26.68000	0.000000
COSTO_CLUSTER2 (36, 16)	59.62400	0.000000
COSTO_CLUSTER2 (36, 17)	12.29600	0.000000
COSTO_CLUSTER2 (36, 18)	12.76000	0.000000
COSTO_CLUSTER2 (36, 19)	18.79200	0.000000
COSTO_CLUSTER2 (36, 20)	6.264000	0.000000
COSTO_CLUSTER2 (36, 21)	25.52000	0.000000
COSTO_CLUSTER2 (36, 22)	91.87200	0.000000
COSTO_CLUSTER2 (36, 23)	20.41600	0.000000
COSTO_CLUSTER2 (36, 24)	6.496000	0.000000
COSTO_CLUSTER2 (36, 25)	6.496000	0.000000
COSTO_CLUSTER2 (36, 26)	15.08000	0.000000
COSTO_CLUSTER2 (36, 27)	31.08800	0.000000
COSTO_CLUSTER2 (36, 28)	8.584000	0.000000
COSTO_CLUSTER2 (36, 29)	60.08800	0.000000
COSTO_CLUSTER2 (36, 30)	24.12800	0.000000
COSTO_CLUSTER2 (36, 31)	37.81600	0.000000
COSTO_CLUSTER2 (36, 32)	28.53600	0.000000
COSTO_CLUSTER2 (36, 33)	4.872000	0.000000
COSTO_CLUSTER2 (36, 34)	16.70400	0.000000
COSTO_CLUSTER2 (36, 35)	13.92000	0.000000
COSTO_CLUSTER2 (36, 36)	0.000000	0.000000
COSTO_CLUSTER2 (36, 37)	26.44800	0.000000
COSTO_CLUSTER2 (36, 38)	40.83200	0.000000
COSTO_CLUSTER2 (36, 39)	24.12800	0.000000
COSTO_CLUSTER2 (36, 40)	16.00800	0.000000
COSTO_CLUSTER2 (36, 41)	27.37600	0.000000
COSTO_CLUSTER2 (36, 42)	50.57600	0.000000
COSTO_CLUSTER2 (36, 43)	33.17600	0.000000
COSTO_CLUSTER2 (36, 44)	58.23200	0.000000
COSTO_CLUSTER2 (36, 45)	19.25600	0.000000
COSTO_CLUSTER2 (36, 46)	1.740000	0.000000
COSTO_CLUSTER2 (36, 47)	15.31200	0.000000
COSTO_CLUSTER2 (36, 48)	6.496000	0.000000
COSTO_CLUSTER2 (36, 49)	18.32800	0.000000
COSTO_CLUSTER2 (36, 50)	9.512000	0.000000
COSTO_CLUSTER2 (36, 51)	35.72800	0.000000
COSTO_CLUSTER2 (37, 1)	40.60000	0.000000
COSTO_CLUSTER2 (37, 2)	29.46400	0.000000
COSTO_CLUSTER2 (37, 3)	23.66400	0.000000
COSTO_CLUSTER2 (37, 4)	29.00000	0.000000
COSTO_CLUSTER2 (37, 5)	13.68800	0.000000
COSTO_CLUSTER2 (37, 6)	58.92800	0.000000
COSTO_CLUSTER2 (37, 7)	81.43200	0.000000
COSTO_CLUSTER2 (37, 8)	30.16000	0.000000
COSTO_CLUSTER2 (37, 9)	32.01600	0.000000
COSTO_CLUSTER2 (37, 10)	28.53600	0.000000
COSTO_CLUSTER2 (37, 11)	22.96800	0.000000
COSTO_CLUSTER2 (37, 12)	31.55200	0.000000
COSTO_CLUSTER2 (37, 13)	31.55200	0.000000
COSTO_CLUSTER2 (37, 14)	24.59200	0.000000
COSTO_CLUSTER2 (37, 15)	6.032000	0.000000
COSTO_CLUSTER2 (37, 16)	26.44800	0.000000
COSTO_CLUSTER2 (37, 17)	23.66400	0.000000
COSTO_CLUSTER2 (37, 18)	27.37600	0.000000
COSTO_CLUSTER2 (37, 19)	7.424000	0.000000
COSTO_CLUSTER2 (37, 20)	20.18400	0.000000
COSTO_CLUSTER2 (37, 21)	4.408000	0.000000
COSTO_CLUSTER2 (37, 22)	58.46400	0.000000
COSTO_CLUSTER2 (37, 23)	4.872000	0.000000
COSTO_CLUSTER2 (37, 24)	15.54400	0.000000
COSTO_CLUSTER2 (37, 25)	24.82400	0.000000
COSTO_CLUSTER2 (37, 26)	29.23200	0.000000
COSTO_CLUSTER2 (37, 27)	10.67200	0.000000
COSTO_CLUSTER2 (37, 28)	17.63200	0.000000

COSTO_CLUSTER2 (37, 29)	61.24800	0.000000
COSTO_CLUSTER2 (37, 30)	29.92800	0.000000
COSTO_CLUSTER2 (37, 31)	15.31200	0.000000
COSTO_CLUSTER2 (37, 32)	13.45600	0.000000
COSTO_CLUSTER2 (37, 33)	17.86400	0.000000
COSTO_CLUSTER2 (37, 34)	30.85600	0.000000
COSTO_CLUSTER2 (37, 35)	36.65600	0.000000
COSTO_CLUSTER2 (37, 36)	21.11200	0.000000
COSTO_CLUSTER2 (37, 37)	0.000000	0.000000
COSTO_CLUSTER2 (37, 38)	24.36000	0.000000
COSTO_CLUSTER2 (37, 39)	30.16000	0.000000
COSTO_CLUSTER2 (37, 40)	24.59200	0.000000
COSTO_CLUSTER2 (37, 41)	34.10400	0.000000
COSTO_CLUSTER2 (37, 42)	34.33600	0.000000
COSTO_CLUSTER2 (37, 43)	32.01600	0.000000
COSTO_CLUSTER2 (37, 44)	63.10400	0.000000
COSTO_CLUSTER2 (37, 45)	10.44000	0.000000
COSTO_CLUSTER2 (37, 46)	22.04000	0.000000
COSTO_CLUSTER2 (37, 47)	33.87200	0.000000
COSTO_CLUSTER2 (37, 48)	15.77600	0.000000
COSTO_CLUSTER2 (37, 49)	24.12800	0.000000
COSTO_CLUSTER2 (37, 50)	23.43200	0.000000
COSTO_CLUSTER2 (37, 51)	37.58400	0.000000
COSTO_CLUSTER2 (38, 1)	56.60800	0.000000
COSTO_CLUSTER2 (38, 2)	47.09600	0.000000
COSTO_CLUSTER2 (38, 3)	28.30400	0.000000
COSTO_CLUSTER2 (38, 4)	44.77600	0.000000
COSTO_CLUSTER2 (38, 5)	30.85600	0.000000
COSTO_CLUSTER2 (38, 6)	47.32800	0.000000
COSTO_CLUSTER2 (38, 7)	69.83200	0.000000
COSTO_CLUSTER2 (38, 8)	47.56000	0.000000
COSTO_CLUSTER2 (38, 9)	17.40000	0.000000
COSTO_CLUSTER2 (38, 10)	19.72000	0.000000
COSTO_CLUSTER2 (38, 11)	6.496000	0.000000
COSTO_CLUSTER2 (38, 12)	48.95200	0.000000
COSTO_CLUSTER2 (38, 13)	44.08000	0.000000
COSTO_CLUSTER2 (38, 14)	40.36800	0.000000
COSTO_CLUSTER2 (38, 15)	21.11200	0.000000
COSTO_CLUSTER2 (38, 16)	38.04800	0.000000
COSTO_CLUSTER2 (38, 17)	39.44000	0.000000
COSTO_CLUSTER2 (38, 18)	43.38400	0.000000
COSTO_CLUSTER2 (38, 19)	33.40800	0.000000
COSTO_CLUSTER2 (38, 20)	36.19200	0.000000
COSTO_CLUSTER2 (38, 21)	22.04000	0.000000
COSTO_CLUSTER2 (38, 22)	70.06400	0.000000
COSTO_CLUSTER2 (38, 23)	26.68000	0.000000
COSTO_CLUSTER2 (38, 24)	32.94400	0.000000
COSTO_CLUSTER2 (38, 25)	42.22400	0.000000
COSTO_CLUSTER2 (38, 26)	45.24000	0.000000
COSTO_CLUSTER2 (38, 27)	25.75200	0.000000
COSTO_CLUSTER2 (38, 28)	35.03200	0.000000
COSTO_CLUSTER2 (38, 29)	49.64800	0.000000
COSTO_CLUSTER2 (38, 30)	16.70400	0.000000
COSTO_CLUSTER2 (38, 31)	32.48000	0.000000
COSTO_CLUSTER2 (38, 32)	41.06400	0.000000
COSTO_CLUSTER2 (38, 33)	35.26400	0.000000
COSTO_CLUSTER2 (38, 34)	46.63200	0.000000
COSTO_CLUSTER2 (38, 35)	50.57600	0.000000
COSTO_CLUSTER2 (38, 36)	38.28000	0.000000
COSTO_CLUSTER2 (38, 37)	28.30400	0.000000
COSTO_CLUSTER2 (38, 38)	0.000000	0.000000
COSTO_CLUSTER2 (38, 39)	24.82400	0.000000
COSTO_CLUSTER2 (38, 40)	25.75200	0.000000
COSTO_CLUSTER2 (38, 41)	22.50400	0.000000
COSTO_CLUSTER2 (38, 42)	9.976000	0.000000
COSTO_CLUSTER2 (38, 43)	20.41600	0.000000
COSTO_CLUSTER2 (38, 44)	51.50400	0.000000
COSTO_CLUSTER2 (38, 45)	27.84000	0.000000
COSTO_CLUSTER2 (38, 46)	39.20800	0.000000
COSTO_CLUSTER2 (38, 47)	51.27200	0.000000
COSTO_CLUSTER2 (38, 48)	33.17600	0.000000

COSTO_CLUSTER2 (38, 49)	22.50400	0.000000
COSTO_CLUSTER2 (38, 50)	39.20800	0.000000
COSTO_CLUSTER2 (38, 51)	25.98400	0.000000
COSTO_CLUSTER2 (39, 1)	42.45600	0.000000
COSTO_CLUSTER2 (39, 2)	30.39200	0.000000
COSTO_CLUSTER2 (39, 3)	9.512000	0.000000
COSTO_CLUSTER2 (39, 4)	33.40800	0.000000
COSTO_CLUSTER2 (39, 5)	40.36800	0.000000
COSTO_CLUSTER2 (39, 6)	33.64000	0.000000
COSTO_CLUSTER2 (39, 7)	56.14400	0.000000
COSTO_CLUSTER2 (39, 8)	22.96800	0.000000
COSTO_CLUSTER2 (39, 9)	4.176000	0.000000
COSTO_CLUSTER2 (39, 10)	2.320000	0.000000
COSTO_CLUSTER2 (39, 11)	21.11200	0.000000
COSTO_CLUSTER2 (39, 12)	24.36000	0.000000
COSTO_CLUSTER2 (39, 13)	24.36000	0.000000
COSTO_CLUSTER2 (39, 14)	37.35200	0.000000
COSTO_CLUSTER2 (39, 15)	30.62400	0.000000
COSTO_CLUSTER2 (39, 16)	47.56000	0.000000
COSTO_CLUSTER2 (39, 17)	36.42400	0.000000
COSTO_CLUSTER2 (39, 18)	40.36800	0.000000
COSTO_CLUSTER2 (39, 19)	34.56800	0.000000
COSTO_CLUSTER2 (39, 20)	27.60800	0.000000
COSTO_CLUSTER2 (39, 21)	31.55200	0.000000
COSTO_CLUSTER2 (39, 22)	79.57600	0.000000
COSTO_CLUSTER2 (39, 23)	27.84000	0.000000
COSTO_CLUSTER2 (39, 24)	19.02400	0.000000
COSTO_CLUSTER2 (39, 25)	17.63200	0.000000
COSTO_CLUSTER2 (39, 26)	42.22400	0.000000
COSTO_CLUSTER2 (39, 27)	35.26400	0.000000
COSTO_CLUSTER2 (39, 28)	16.93600	0.000000
COSTO_CLUSTER2 (39, 29)	35.96000	0.000000
COSTO_CLUSTER2 (39, 30)	4.640000	0.000000
COSTO_CLUSTER2 (39, 31)	41.99200	0.000000
COSTO_CLUSTER2 (39, 32)	44.54400	0.000000
COSTO_CLUSTER2 (39, 33)	18.09600	0.000000
COSTO_CLUSTER2 (39, 34)	43.61600	0.000000
COSTO_CLUSTER2 (39, 35)	29.69600	0.000000
COSTO_CLUSTER2 (39, 36)	24.36000	0.000000
COSTO_CLUSTER2 (39, 37)	37.81600	0.000000
COSTO_CLUSTER2 (39, 38)	21.80800	0.000000
COSTO_CLUSTER2 (39, 39)	0.000000	0.000000
COSTO_CLUSTER2 (39, 40)	7.888000	0.000000
COSTO_CLUSTER2 (39, 41)	3.016000	0.000000
COSTO_CLUSTER2 (39, 42)	31.78400	0.000000
COSTO_CLUSTER2 (39, 43)	9.048000	0.000000
COSTO_CLUSTER2 (39, 44)	34.10400	0.000000
COSTO_CLUSTER2 (39, 45)	26.21600	0.000000
COSTO_CLUSTER2 (39, 46)	22.96800	0.000000
COSTO_CLUSTER2 (39, 47)	26.68000	0.000000
COSTO_CLUSTER2 (39, 48)	19.25600	0.000000
COSTO_CLUSTER2 (39, 49)	8.816000	0.000000
COSTO_CLUSTER2 (39, 50)	31.78400	0.000000
COSTO_CLUSTER2 (39, 51)	11.60000	0.000000
COSTO_CLUSTER2 (40, 1)	35.72800	0.000000
COSTO_CLUSTER2 (40, 2)	22.73600	0.000000
COSTO_CLUSTER2 (40, 3)	1.508000	0.000000
COSTO_CLUSTER2 (40, 4)	34.80000	0.000000
COSTO_CLUSTER2 (40, 5)	37.12000	0.000000
COSTO_CLUSTER2 (40, 6)	42.92000	0.000000
COSTO_CLUSTER2 (40, 7)	65.19200	0.000000
COSTO_CLUSTER2 (40, 8)	14.15200	0.000000
COSTO_CLUSTER2 (40, 9)	11.60000	0.000000
COSTO_CLUSTER2 (40, 10)	7.888000	0.000000
COSTO_CLUSTER2 (40, 11)	25.28800	0.000000
COSTO_CLUSTER2 (40, 12)	17.63200	0.000000
COSTO_CLUSTER2 (40, 13)	15.54400	0.000000
COSTO_CLUSTER2 (40, 14)	30.39200	0.000000
COSTO_CLUSTER2 (40, 15)	27.37600	0.000000
COSTO_CLUSTER2 (40, 16)	60.55200	0.000000
COSTO_CLUSTER2 (40, 17)	29.46400	0.000000

COSTO_CLUSTER2 (40, 18)	33.40800	0.000000
COSTO_CLUSTER2 (40, 19)	27.60800	0.000000
COSTO_CLUSTER2 (40, 20)	20.88000	0.000000
COSTO_CLUSTER2 (40, 21)	26.21600	0.000000
COSTO_CLUSTER2 (40, 22)	92.56800	0.000000
COSTO_CLUSTER2 (40, 23)	20.88000	0.000000
COSTO_CLUSTER2 (40, 24)	12.06400	0.000000
COSTO_CLUSTER2 (40, 25)	9.280000	0.000000
COSTO_CLUSTER2 (40, 26)	35.26400	0.000000
COSTO_CLUSTER2 (40, 27)	31.78400	0.000000
COSTO_CLUSTER2 (40, 28)	9.976000	0.000000
COSTO_CLUSTER2 (40, 29)	45.00800	0.000000
COSTO_CLUSTER2 (40, 30)	10.90400	0.000000
COSTO_CLUSTER2 (40, 31)	38.51200	0.000000
COSTO_CLUSTER2 (40, 32)	37.58400	0.000000
COSTO_CLUSTER2 (40, 33)	11.13600	0.000000
COSTO_CLUSTER2 (40, 34)	36.65600	0.000000
COSTO_CLUSTER2 (40, 35)	22.96800	0.000000
COSTO_CLUSTER2 (40, 36)	15.08000	0.000000
COSTO_CLUSTER2 (40, 37)	25.98400	0.000000
COSTO_CLUSTER2 (40, 38)	25.98400	0.000000
COSTO_CLUSTER2 (40, 39)	9.048000	0.000000
COSTO_CLUSTER2 (40, 40)	0.000000	0.000000
COSTO_CLUSTER2 (40, 41)	12.29600	0.000000
COSTO_CLUSTER2 (40, 42)	35.96000	0.000000
COSTO_CLUSTER2 (40, 43)	18.09600	0.000000
COSTO_CLUSTER2 (40, 44)	43.38400	0.000000
COSTO_CLUSTER2 (40, 45)	19.48800	0.000000
COSTO_CLUSTER2 (40, 46)	14.61600	0.000000
COSTO_CLUSTER2 (40, 47)	19.95200	0.000000
COSTO_CLUSTER2 (40, 48)	12.29600	0.000000
COSTO_CLUSTER2 (40, 49)	5.800000	0.000000
COSTO_CLUSTER2 (40, 50)	29.23200	0.000000
COSTO_CLUSTER2 (40, 51)	20.64800	0.000000
COSTO_CLUSTER2 (41, 1)	45.24000	0.000000
COSTO_CLUSTER2 (41, 2)	33.17600	0.000000
COSTO_CLUSTER2 (41, 3)	12.76000	0.000000
COSTO_CLUSTER2 (41, 4)	51.50400	0.000000
COSTO_CLUSTER2 (41, 5)	37.58400	0.000000
COSTO_CLUSTER2 (41, 6)	30.85600	0.000000
COSTO_CLUSTER2 (41, 7)	53.36000	0.000000
COSTO_CLUSTER2 (41, 8)	25.75200	0.000000
COSTO_CLUSTER2 (41, 9)	2.784000	0.000000
COSTO_CLUSTER2 (41, 10)	5.336000	0.000000
COSTO_CLUSTER2 (41, 11)	18.32800	0.000000
COSTO_CLUSTER2 (41, 12)	27.14400	0.000000
COSTO_CLUSTER2 (41, 13)	27.14400	0.000000
COSTO_CLUSTER2 (41, 14)	47.09600	0.000000
COSTO_CLUSTER2 (41, 15)	27.84000	0.000000
COSTO_CLUSTER2 (41, 16)	44.77600	0.000000
COSTO_CLUSTER2 (41, 17)	46.16800	0.000000
COSTO_CLUSTER2 (41, 18)	50.11200	0.000000
COSTO_CLUSTER2 (41, 19)	40.13600	0.000000
COSTO_CLUSTER2 (41, 20)	42.92000	0.000000
COSTO_CLUSTER2 (41, 21)	28.76800	0.000000
COSTO_CLUSTER2 (41, 22)	76.79200	0.000000
COSTO_CLUSTER2 (41, 23)	33.40800	0.000000
COSTO_CLUSTER2 (41, 24)	21.80800	0.000000
COSTO_CLUSTER2 (41, 25)	20.41600	0.000000
COSTO_CLUSTER2 (41, 26)	51.96800	0.000000
COSTO_CLUSTER2 (41, 27)	32.48000	0.000000
COSTO_CLUSTER2 (41, 28)	19.72000	0.000000
COSTO_CLUSTER2 (41, 29)	33.17600	0.000000
COSTO_CLUSTER2 (41, 30)	4.640000	0.000000
COSTO_CLUSTER2 (41, 31)	39.20800	0.000000
COSTO_CLUSTER2 (41, 32)	47.79200	0.000000
COSTO_CLUSTER2 (41, 33)	20.88000	0.000000
COSTO_CLUSTER2 (41, 34)	53.36000	0.000000
COSTO_CLUSTER2 (41, 35)	32.48000	0.000000
COSTO_CLUSTER2 (41, 36)	27.14400	0.000000
COSTO_CLUSTER2 (41, 37)	35.03200	0.000000

COSTO_CLUSTER2 (41, 38)	19.02400	0.000000
COSTO_CLUSTER2 (41, 39)	4.872000	0.000000
COSTO_CLUSTER2 (41, 40)	11.13600	0.000000
COSTO_CLUSTER2 (41, 41)	0.000000	0.000000
COSTO_CLUSTER2 (41, 42)	29.00000	0.000000
COSTO_CLUSTER2 (41, 43)	6.264000	0.000000
COSTO_CLUSTER2 (41, 44)	31.32000	0.000000
COSTO_CLUSTER2 (41, 45)	34.56800	0.000000
COSTO_CLUSTER2 (41, 46)	25.75200	0.000000
COSTO_CLUSTER2 (41, 47)	29.46400	0.000000
COSTO_CLUSTER2 (41, 48)	22.04000	0.000000
COSTO_CLUSTER2 (41, 49)	11.60000	0.000000
COSTO_CLUSTER2 (41, 50)	45.93600	0.000000
COSTO_CLUSTER2 (41, 51)	8.816000	0.000000
COSTO_CLUSTER2 (42, 1)	66.35200	0.000000
COSTO_CLUSTER2 (42, 2)	56.84000	0.000000
COSTO_CLUSTER2 (42, 3)	35.26400	0.000000
COSTO_CLUSTER2 (42, 4)	54.52000	0.000000
COSTO_CLUSTER2 (42, 5)	40.60000	0.000000
COSTO_CLUSTER2 (42, 6)	57.07200	0.000000
COSTO_CLUSTER2 (42, 7)	79.57600	0.000000
COSTO_CLUSTER2 (42, 8)	57.30400	0.000000
COSTO_CLUSTER2 (42, 9)	25.52000	0.000000
COSTO_CLUSTER2 (42, 10)	27.84000	0.000000
COSTO_CLUSTER2 (42, 11)	13.68800	0.000000
COSTO_CLUSTER2 (42, 12)	48.95200	0.000000
COSTO_CLUSTER2 (42, 13)	53.82400	0.000000
COSTO_CLUSTER2 (42, 14)	48.72000	0.000000
COSTO_CLUSTER2 (42, 15)	29.69600	0.000000
COSTO_CLUSTER2 (42, 16)	46.63200	0.000000
COSTO_CLUSTER2 (42, 17)	48.02400	0.000000
COSTO_CLUSTER2 (42, 18)	51.96800	0.000000
COSTO_CLUSTER2 (42, 19)	41.99200	0.000000
COSTO_CLUSTER2 (42, 20)	44.77600	0.000000
COSTO_CLUSTER2 (42, 21)	30.62400	0.000000
COSTO_CLUSTER2 (42, 22)	78.64800	0.000000
COSTO_CLUSTER2 (42, 23)	35.26400	0.000000
COSTO_CLUSTER2 (42, 24)	41.52800	0.000000
COSTO_CLUSTER2 (42, 25)	42.22400	0.000000
COSTO_CLUSTER2 (42, 26)	53.82400	0.000000
COSTO_CLUSTER2 (42, 27)	34.33600	0.000000
COSTO_CLUSTER2 (42, 28)	43.61600	0.000000
COSTO_CLUSTER2 (42, 29)	58.23200	0.000000
COSTO_CLUSTER2 (42, 30)	25.05600	0.000000
COSTO_CLUSTER2 (42, 31)	41.06400	0.000000
COSTO_CLUSTER2 (42, 32)	49.64800	0.000000
COSTO_CLUSTER2 (42, 33)	43.84800	0.000000
COSTO_CLUSTER2 (42, 34)	55.21600	0.000000
COSTO_CLUSTER2 (42, 35)	59.16000	0.000000
COSTO_CLUSTER2 (42, 36)	47.09600	0.000000
COSTO_CLUSTER2 (42, 37)	36.88800	0.000000
COSTO_CLUSTER2 (42, 38)	10.44000	0.000000
COSTO_CLUSTER2 (42, 39)	28.76800	0.000000
COSTO_CLUSTER2 (42, 40)	33.87200	0.000000
COSTO_CLUSTER2 (42, 41)	31.08800	0.000000
COSTO_CLUSTER2 (42, 42)	0.000000	0.000000
COSTO_CLUSTER2 (42, 43)	27.60800	0.000000
COSTO_CLUSTER2 (42, 44)	60.08800	0.000000
COSTO_CLUSTER2 (42, 45)	36.42400	0.000000
COSTO_CLUSTER2 (42, 46)	48.02400	0.000000
COSTO_CLUSTER2 (42, 47)	51.27200	0.000000
COSTO_CLUSTER2 (42, 48)	41.76000	0.000000
COSTO_CLUSTER2 (42, 49)	30.85600	0.000000
COSTO_CLUSTER2 (42, 50)	47.79200	0.000000
COSTO_CLUSTER2 (42, 51)	34.56800	0.000000
COSTO_CLUSTER2 (43, 1)	49.41600	0.000000
COSTO_CLUSTER2 (43, 2)	36.88800	0.000000
COSTO_CLUSTER2 (43, 3)	16.47200	0.000000
COSTO_CLUSTER2 (43, 4)	55.44800	0.000000
COSTO_CLUSTER2 (43, 5)	41.52800	0.000000
COSTO_CLUSTER2 (43, 6)	34.10400	0.000000

COSTO_CLUSTER2 (43, 7)	56.37600	0.000000
COSTO_CLUSTER2 (43, 8)	29.46400	0.000000
COSTO_CLUSTER2 (43, 9)	6.496000	0.000000
COSTO_CLUSTER2 (43, 10)	9.048000	0.000000
COSTO_CLUSTER2 (43, 11)	22.27200	0.000000
COSTO_CLUSTER2 (43, 12)	30.85600	0.000000
COSTO_CLUSTER2 (43, 13)	30.85600	0.000000
COSTO_CLUSTER2 (43, 14)	51.04000	0.000000
COSTO_CLUSTER2 (43, 15)	32.01600	0.000000
COSTO_CLUSTER2 (43, 16)	48.72000	0.000000
COSTO_CLUSTER2 (43, 17)	50.11200	0.000000
COSTO_CLUSTER2 (43, 18)	54.05600	0.000000
COSTO_CLUSTER2 (43, 19)	44.08000	0.000000
COSTO_CLUSTER2 (43, 20)	46.86400	0.000000
COSTO_CLUSTER2 (43, 21)	32.71200	0.000000
COSTO_CLUSTER2 (43, 22)	80.96800	0.000000
COSTO_CLUSTER2 (43, 23)	37.35200	0.000000
COSTO_CLUSTER2 (43, 24)	25.52000	0.000000
COSTO_CLUSTER2 (43, 25)	24.12800	0.000000
COSTO_CLUSTER2 (43, 26)	55.91200	0.000000
COSTO_CLUSTER2 (43, 27)	36.42400	0.000000
COSTO_CLUSTER2 (43, 28)	23.43200	0.000000
COSTO_CLUSTER2 (43, 29)	29.00000	0.000000
COSTO_CLUSTER2 (43, 30)	8.120000	0.000000
COSTO_CLUSTER2 (43, 31)	43.15200	0.000000
COSTO_CLUSTER2 (43, 32)	51.96800	0.000000
COSTO_CLUSTER2 (43, 33)	24.36000	0.000000
COSTO_CLUSTER2 (43, 34)	57.53600	0.000000
COSTO_CLUSTER2 (43, 35)	35.96000	0.000000
COSTO_CLUSTER2 (43, 36)	30.85600	0.000000
COSTO_CLUSTER2 (43, 37)	39.20800	0.000000
COSTO_CLUSTER2 (43, 38)	22.96800	0.000000
COSTO_CLUSTER2 (43, 39)	8.584000	0.000000
COSTO_CLUSTER2 (43, 40)	14.84800	0.000000
COSTO_CLUSTER2 (43, 41)	7.192000	0.000000
COSTO_CLUSTER2 (43, 42)	32.94400	0.000000
COSTO_CLUSTER2 (43, 43)	0.000000	0.000000
COSTO_CLUSTER2 (43, 44)	30.39200	0.000000
COSTO_CLUSTER2 (43, 45)	38.74400	0.000000
COSTO_CLUSTER2 (43, 46)	29.46400	0.000000
COSTO_CLUSTER2 (43, 47)	33.17600	0.000000
COSTO_CLUSTER2 (43, 48)	25.52000	0.000000
COSTO_CLUSTER2 (43, 49)	15.31200	0.000000
COSTO_CLUSTER2 (43, 50)	49.88000	0.000000
COSTO_CLUSTER2 (43, 51)	7.888000	0.000000
COSTO_CLUSTER2 (44, 1)	95.81600	0.000000
COSTO_CLUSTER2 (44, 2)	68.67200	0.000000
COSTO_CLUSTER2 (44, 3)	47.79200	0.000000
COSTO_CLUSTER2 (44, 4)	83.98400	0.000000
COSTO_CLUSTER2 (44, 5)	70.06400	0.000000
COSTO_CLUSTER2 (44, 6)	13.22400	0.000000
COSTO_CLUSTER2 (44, 7)	36.42400	0.000000
COSTO_CLUSTER2 (44, 8)	61.24800	0.000000
COSTO_CLUSTER2 (44, 9)	38.97600	0.000000
COSTO_CLUSTER2 (44, 10)	40.36800	0.000000
COSTO_CLUSTER2 (44, 11)	50.80800	0.000000
COSTO_CLUSTER2 (44, 12)	62.64000	0.000000
COSTO_CLUSTER2 (44, 13)	62.64000	0.000000
COSTO_CLUSTER2 (44, 14)	79.57600	0.000000
COSTO_CLUSTER2 (44, 15)	60.32000	0.000000
COSTO_CLUSTER2 (44, 16)	77.25600	0.000000
COSTO_CLUSTER2 (44, 17)	78.64800	0.000000
COSTO_CLUSTER2 (44, 18)	82.59200	0.000000
COSTO_CLUSTER2 (44, 19)	72.61600	0.000000
COSTO_CLUSTER2 (44, 20)	75.40000	0.000000
COSTO_CLUSTER2 (44, 21)	61.24800	0.000000
COSTO_CLUSTER2 (44, 22)	109.2720	0.000000
COSTO_CLUSTER2 (44, 23)	65.88800	0.000000
COSTO_CLUSTER2 (44, 24)	57.30400	0.000000
COSTO_CLUSTER2 (44, 25)	55.91200	0.000000

COSTO_CLUSTER2 (44, 26)	84.44800	0.000000
COSTO_CLUSTER2 (44, 27)	64.96000	0.000000
COSTO_CLUSTER2 (44, 28)	55.21600	0.000000
COSTO_CLUSTER2 (44, 29)	5.568000	0.000000
COSTO_CLUSTER2 (44, 30)	40.13600	0.000000
COSTO_CLUSTER2 (44, 31)	71.68800	0.000000
COSTO_CLUSTER2 (44, 32)	80.27200	0.000000
COSTO_CLUSTER2 (44, 33)	56.37600	0.000000
COSTO_CLUSTER2 (44, 34)	85.84000	0.000000
COSTO_CLUSTER2 (44, 35)	67.74400	0.000000
COSTO_CLUSTER2 (44, 36)	77.72000	0.000000
COSTO_CLUSTER2 (44, 37)	67.51200	0.000000
COSTO_CLUSTER2 (44, 38)	51.50400	0.000000
COSTO_CLUSTER2 (44, 39)	38.97600	0.000000
COSTO_CLUSTER2 (44, 40)	46.16800	0.000000
COSTO_CLUSTER2 (44, 41)	35.96000	0.000000
COSTO_CLUSTER2 (44, 42)	61.48000	0.000000
COSTO_CLUSTER2 (44, 43)	31.55200	0.000000
COSTO_CLUSTER2 (44, 44)	0.000000	0.000000
COSTO_CLUSTER2 (44, 45)	67.04800	0.000000
COSTO_CLUSTER2 (44, 46)	61.24800	0.000000
COSTO_CLUSTER2 (44, 47)	64.96000	0.000000
COSTO_CLUSTER2 (44, 48)	57.30400	0.000000
COSTO_CLUSTER2 (44, 49)	47.09600	0.000000
COSTO_CLUSTER2 (44, 50)	78.41600	0.000000
COSTO_CLUSTER2 (44, 51)	26.68000	0.000000
COSTO_CLUSTER2 (45, 1)	34.56800	0.000000
COSTO_CLUSTER2 (45, 2)	25.28800	0.000000
COSTO_CLUSTER2 (45, 3)	14.61600	0.000000
COSTO_CLUSTER2 (45, 4)	22.73600	0.000000
COSTO_CLUSTER2 (45, 5)	19.95200	0.000000
COSTO_CLUSTER2 (45, 6)	49.64800	0.000000
COSTO_CLUSTER2 (45, 7)	72.15200	0.000000
COSTO_CLUSTER2 (45, 8)	24.59200	0.000000
COSTO_CLUSTER2 (45, 9)	16.93600	0.000000
COSTO_CLUSTER2 (45, 10)	22.96800	0.000000
COSTO_CLUSTER2 (45, 11)	28.53600	0.000000
COSTO_CLUSTER2 (45, 12)	24.36000	0.000000
COSTO_CLUSTER2 (45, 13)	19.25600	0.000000
COSTO_CLUSTER2 (45, 14)	18.32800	0.000000
COSTO_CLUSTER2 (45, 15)	13.22400	0.000000
COSTO_CLUSTER2 (45, 16)	48.95200	0.000000
COSTO_CLUSTER2 (45, 17)	17.40000	0.000000
COSTO_CLUSTER2 (45, 18)	21.34400	0.000000
COSTO_CLUSTER2 (45, 19)	16.24000	0.000000
COSTO_CLUSTER2 (45, 20)	14.15200	0.000000
COSTO_CLUSTER2 (45, 21)	14.15200	0.000000
COSTO_CLUSTER2 (45, 22)	80.96800	0.000000
COSTO_CLUSTER2 (45, 23)	9.512000	0.000000
COSTO_CLUSTER2 (45, 24)	7.888000	0.000000
COSTO_CLUSTER2 (45, 25)	13.92000	0.000000
COSTO_CLUSTER2 (45, 26)	23.20000	0.000000
COSTO_CLUSTER2 (45, 27)	17.86400	0.000000
COSTO_CLUSTER2 (45, 28)	9.048000	0.000000
COSTO_CLUSTER2 (45, 29)	66.81600	0.000000
COSTO_CLUSTER2 (45, 30)	22.73600	0.000000
COSTO_CLUSTER2 (45, 31)	24.59200	0.000000
COSTO_CLUSTER2 (45, 32)	25.98400	0.000000
COSTO_CLUSTER2 (45, 33)	10.44000	0.000000
COSTO_CLUSTER2 (45, 34)	24.82400	0.000000
COSTO_CLUSTER2 (45, 35)	28.53600	0.000000
COSTO_CLUSTER2 (45, 36)	13.45600	0.000000
COSTO_CLUSTER2 (45, 37)	14.61600	0.000000
COSTO_CLUSTER2 (45, 38)	29.92800	0.000000
COSTO_CLUSTER2 (45, 39)	22.96800	0.000000
COSTO_CLUSTER2 (45, 40)	14.38400	0.000000
COSTO_CLUSTER2 (45, 41)	25.98400	0.000000
COSTO_CLUSTER2 (45, 42)	39.90400	0.000000
COSTO_CLUSTER2 (45, 43)	37.58400	0.000000
COSTO_CLUSTER2 (45, 44)	68.67200	0.000000
COSTO_CLUSTER2 (45, 45)	0.000000	0.000000

COSTO_CLUSTER2 (45, 46)	14.38400	0.000000
COSTO_CLUSTER2 (45, 47)	26.68000	0.000000
COSTO_CLUSTER2 (45, 48)	7.888000	0.000000
COSTO_CLUSTER2 (45, 49)	13.45600	0.000000
COSTO_CLUSTER2 (45, 50)	17.16800	0.000000
COSTO_CLUSTER2 (45, 51)	34.56800	0.000000
COSTO_CLUSTER2 (46, 1)	32.71200	0.000000
COSTO_CLUSTER2 (46, 2)	11.13600	0.000000
COSTO_CLUSTER2 (46, 3)	14.15200	0.000000
COSTO_CLUSTER2 (46, 4)	12.99200	0.000000
COSTO_CLUSTER2 (46, 5)	34.10400	0.000000
COSTO_CLUSTER2 (46, 6)	53.36000	0.000000
COSTO_CLUSTER2 (46, 7)	75.86400	0.000000
COSTO_CLUSTER2 (46, 8)	7.888000	0.000000
COSTO_CLUSTER2 (46, 9)	22.04000	0.000000
COSTO_CLUSTER2 (46, 10)	18.09600	0.000000
COSTO_CLUSTER2 (46, 11)	37.12000	0.000000
COSTO_CLUSTER2 (46, 12)	10.20800	0.000000
COSTO_CLUSTER2 (46, 13)	6.264000	0.000000
COSTO_CLUSTER2 (46, 14)	11.83200	0.000000
COSTO_CLUSTER2 (46, 15)	24.36000	0.000000
COSTO_CLUSTER2 (46, 16)	57.53600	0.000000
COSTO_CLUSTER2 (46, 17)	13.45600	0.000000
COSTO_CLUSTER2 (46, 18)	13.22400	0.000000
COSTO_CLUSTER2 (46, 19)	19.95200	0.000000
COSTO_CLUSTER2 (46, 20)	7.424000	0.000000
COSTO_CLUSTER2 (46, 21)	23.20000	0.000000
COSTO_CLUSTER2 (46, 22)	89.55200	0.000000
COSTO_CLUSTER2 (46, 23)	17.86400	0.000000
COSTO_CLUSTER2 (46, 24)	6.264000	0.000000
COSTO_CLUSTER2 (46, 25)	6.032000	0.000000
COSTO_CLUSTER2 (46, 26)	15.54400	0.000000
COSTO_CLUSTER2 (46, 27)	29.00000	0.000000
COSTO_CLUSTER2 (46, 28)	7.888000	0.000000
COSTO_CLUSTER2 (46, 29)	60.32000	0.000000
COSTO_CLUSTER2 (46, 30)	19.48800	0.000000
COSTO_CLUSTER2 (46, 31)	35.49600	0.000000
COSTO_CLUSTER2 (46, 32)	29.69600	0.000000
COSTO_CLUSTER2 (46, 33)	3.944000	0.000000
COSTO_CLUSTER2 (46, 34)	16.93600	0.000000
COSTO_CLUSTER2 (46, 35)	14.15200	0.000000
COSTO_CLUSTER2 (46, 36)	2.088000	0.000000
COSTO_CLUSTER2 (46, 37)	22.96800	0.000000
COSTO_CLUSTER2 (46, 38)	38.51200	0.000000
COSTO_CLUSTER2 (46, 39)	19.72000	0.000000
COSTO_CLUSTER2 (46, 40)	15.08000	0.000000
COSTO_CLUSTER2 (46, 41)	22.73600	0.000000
COSTO_CLUSTER2 (46, 42)	48.48800	0.000000
COSTO_CLUSTER2 (46, 43)	28.76800	0.000000
COSTO_CLUSTER2 (46, 44)	53.82400	0.000000
COSTO_CLUSTER2 (46, 45)	16.47200	0.000000
COSTO_CLUSTER2 (46, 46)	0.000000	0.000000
COSTO_CLUSTER2 (46, 47)	14.84800	0.000000
COSTO_CLUSTER2 (46, 48)	6.264000	0.000000
COSTO_CLUSTER2 (46, 49)	13.68800	0.000000
COSTO_CLUSTER2 (46, 50)	11.36800	0.000000
COSTO_CLUSTER2 (46, 51)	31.32000	0.000000
COSTO_CLUSTER2 (47, 1)	16.70400	0.000000
COSTO_CLUSTER2 (47, 2)	8.352000	0.000000
COSTO_CLUSTER2 (47, 3)	20.41600	0.000000
COSTO_CLUSTER2 (47, 4)	11.13600	0.000000
COSTO_CLUSTER2 (47, 5)	45.47200	0.000000
COSTO_CLUSTER2 (47, 6)	60.08800	0.000000
COSTO_CLUSTER2 (47, 7)	82.36000	0.000000
COSTO_CLUSTER2 (47, 8)	4.872000	0.000000
COSTO_CLUSTER2 (47, 9)	28.53600	0.000000
COSTO_CLUSTER2 (47, 10)	24.59200	0.000000
COSTO_CLUSTER2 (47, 11)	40.60000	0.000000
COSTO_CLUSTER2 (47, 12)	3.248000	0.000000
COSTO_CLUSTER2 (47, 13)	7.192000	0.000000
COSTO_CLUSTER2 (47, 14)	12.99200	0.000000

COSTO_CLUSTER2 (47, 15)	35.96000	0.000000
COSTO_CLUSTER2 (47, 16)	69.13600	0.000000
COSTO_CLUSTER2 (47, 17)	15.77600	0.000000
COSTO_CLUSTER2 (47, 18)	11.36800	0.000000
COSTO_CLUSTER2 (47, 19)	36.19200	0.000000
COSTO_CLUSTER2 (47, 20)	17.40000	0.000000
COSTO_CLUSTER2 (47, 21)	34.80000	0.000000
COSTO_CLUSTER2 (47, 22)	101.1520	0.000000
COSTO_CLUSTER2 (47, 23)	29.46400	0.000000
COSTO_CLUSTER2 (47, 24)	20.64800	0.000000
COSTO_CLUSTER2 (47, 25)	11.60000	0.000000
COSTO_CLUSTER2 (47, 26)	13.45600	0.000000
COSTO_CLUSTER2 (47, 27)	40.36800	0.000000
COSTO_CLUSTER2 (47, 28)	18.56000	0.000000
COSTO_CLUSTER2 (47, 29)	62.17600	0.000000
COSTO_CLUSTER2 (47, 30)	26.21600	0.000000
COSTO_CLUSTER2 (47, 31)	47.09600	0.000000
COSTO_CLUSTER2 (47, 32)	45.93600	0.000000
COSTO_CLUSTER2 (47, 33)	19.72000	0.000000
COSTO_CLUSTER2 (47, 34)	15.08000	0.000000
COSTO_CLUSTER2 (47, 35)	3.248000	0.000000
COSTO_CLUSTER2 (47, 36)	14.61600	0.000000
COSTO_CLUSTER2 (47, 37)	34.56800	0.000000
COSTO_CLUSTER2 (47, 38)	41.29600	0.000000
COSTO_CLUSTER2 (47, 39)	26.21600	0.000000
COSTO_CLUSTER2 (47, 40)	20.18400	0.000000
COSTO_CLUSTER2 (47, 41)	29.46400	0.000000
COSTO_CLUSTER2 (47, 42)	51.27200	0.000000
COSTO_CLUSTER2 (47, 43)	35.26400	0.000000
COSTO_CLUSTER2 (47, 44)	60.32000	0.000000
COSTO_CLUSTER2 (47, 45)	27.84000	0.000000
COSTO_CLUSTER2 (47, 46)	13.22400	0.000000
COSTO_CLUSTER2 (47, 47)	0.000000	0.000000
COSTO_CLUSTER2 (47, 48)	20.64800	0.000000
COSTO_CLUSTER2 (47, 49)	20.41600	0.000000
COSTO_CLUSTER2 (47, 50)	12.76000	0.000000
COSTO_CLUSTER2 (47, 51)	37.81600	0.000000
COSTO_CLUSTER2 (48, 1)	36.65600	0.000000
COSTO_CLUSTER2 (48, 2)	16.00800	0.000000
COSTO_CLUSTER2 (48, 3)	11.36800	0.000000
COSTO_CLUSTER2 (48, 4)	24.82400	0.000000
COSTO_CLUSTER2 (48, 5)	27.14400	0.000000
COSTO_CLUSTER2 (48, 6)	51.73600	0.000000
COSTO_CLUSTER2 (48, 7)	74.00800	0.000000
COSTO_CLUSTER2 (48, 8)	18.09600	0.000000
COSTO_CLUSTER2 (48, 9)	20.18400	0.000000
COSTO_CLUSTER2 (48, 10)	16.24000	0.000000
COSTO_CLUSTER2 (48, 11)	30.16000	0.000000
COSTO_CLUSTER2 (48, 12)	19.25600	0.000000
COSTO_CLUSTER2 (48, 13)	13.45600	0.000000
COSTO_CLUSTER2 (48, 14)	20.41600	0.000000
COSTO_CLUSTER2 (48, 15)	17.40000	0.000000
COSTO_CLUSTER2 (48, 16)	50.57600	0.000000
COSTO_CLUSTER2 (48, 17)	19.48800	0.000000
COSTO_CLUSTER2 (48, 18)	23.43200	0.000000
COSTO_CLUSTER2 (48, 19)	17.86400	0.000000
COSTO_CLUSTER2 (48, 20)	9.048000	0.000000
COSTO_CLUSTER2 (48, 21)	16.24000	0.000000
COSTO_CLUSTER2 (48, 22)	82.59200	0.000000
COSTO_CLUSTER2 (48, 23)	11.13600	0.000000
COSTO_CLUSTER2 (48, 24)	0.2320000	0.000000
COSTO_CLUSTER2 (48, 25)	7.192000	0.000000
COSTO_CLUSTER2 (48, 26)	25.28800	0.000000
COSTO_CLUSTER2 (48, 27)	22.04000	0.000000
COSTO_CLUSTER2 (48, 28)	5.104000	0.000000
COSTO_CLUSTER2 (48, 29)	53.82400	0.000000
COSTO_CLUSTER2 (48, 30)	17.86400	0.000000
COSTO_CLUSTER2 (48, 31)	28.76800	0.000000
COSTO_CLUSTER2 (48, 32)	27.60800	0.000000
COSTO_CLUSTER2 (48, 33)	3.944000	0.000000
COSTO_CLUSTER2 (48, 34)	26.91200	0.000000

COSTO_CLUSTER2 (48, 35)	24.59200	0.000000
COSTO_CLUSTER2 (48, 36)	7.656000	0.000000
COSTO_CLUSTER2 (48, 37)	16.24000	0.000000
COSTO_CLUSTER2 (48, 38)	31.55200	0.000000
COSTO_CLUSTER2 (48, 39)	17.86400	0.000000
COSTO_CLUSTER2 (48, 40)	12.52800	0.000000
COSTO_CLUSTER2 (48, 41)	21.11200	0.000000
COSTO_CLUSTER2 (48, 42)	41.52800	0.000000
COSTO_CLUSTER2 (48, 43)	26.91200	0.000000
COSTO_CLUSTER2 (48, 44)	51.96800	0.000000
COSTO_CLUSTER2 (48, 45)	9.512000	0.000000
COSTO_CLUSTER2 (48, 46)	8.816000	0.000000
COSTO_CLUSTER2 (48, 47)	21.57600	0.000000
COSTO_CLUSTER2 (48, 48)	0.000000	0.000000
COSTO_CLUSTER2 (48, 49)	12.06400	0.000000
COSTO_CLUSTER2 (48, 50)	19.25600	0.000000
COSTO_CLUSTER2 (48, 51)	29.46400	0.000000
COSTO_CLUSTER2 (49, 1)	36.19200	0.000000
COSTO_CLUSTER2 (49, 2)	24.12800	0.000000
COSTO_CLUSTER2 (49, 3)	5.568000	0.000000
COSTO_CLUSTER2 (49, 4)	26.91200	0.000000
COSTO_CLUSTER2 (49, 5)	27.60800	0.000000
COSTO_CLUSTER2 (49, 6)	44.77600	0.000000
COSTO_CLUSTER2 (49, 7)	67.04800	0.000000
COSTO_CLUSTER2 (49, 8)	16.70400	0.000000
COSTO_CLUSTER2 (49, 9)	10.90400	0.000000
COSTO_CLUSTER2 (49, 10)	7.888000	0.000000
COSTO_CLUSTER2 (49, 11)	21.11200	0.000000
COSTO_CLUSTER2 (49, 12)	18.09600	0.000000
COSTO_CLUSTER2 (49, 13)	18.09600	0.000000
COSTO_CLUSTER2 (49, 14)	29.92800	0.000000
COSTO_CLUSTER2 (49, 15)	17.86400	0.000000
COSTO_CLUSTER2 (49, 16)	48.25600	0.000000
COSTO_CLUSTER2 (49, 17)	29.92800	0.000000
COSTO_CLUSTER2 (49, 18)	33.87200	0.000000
COSTO_CLUSTER2 (49, 19)	28.30400	0.000000
COSTO_CLUSTER2 (49, 20)	19.72000	0.000000
COSTO_CLUSTER2 (49, 21)	18.56000	0.000000
COSTO_CLUSTER2 (49, 22)	80.50400	0.000000
COSTO_CLUSTER2 (49, 23)	21.57600	0.000000
COSTO_CLUSTER2 (49, 24)	10.44000	0.000000
COSTO_CLUSTER2 (49, 25)	11.36800	0.000000
COSTO_CLUSTER2 (49, 26)	35.72800	0.000000
COSTO_CLUSTER2 (49, 27)	22.27200	0.000000
COSTO_CLUSTER2 (49, 28)	10.67200	0.000000
COSTO_CLUSTER2 (49, 29)	46.86400	0.000000
COSTO_CLUSTER2 (49, 30)	7.888000	0.000000
COSTO_CLUSTER2 (49, 31)	29.00000	0.000000
COSTO_CLUSTER2 (49, 32)	38.04800	0.000000
COSTO_CLUSTER2 (49, 33)	11.60000	0.000000
COSTO_CLUSTER2 (49, 34)	37.35200	0.000000
COSTO_CLUSTER2 (49, 35)	23.20000	0.000000
COSTO_CLUSTER2 (49, 36)	18.09600	0.000000
COSTO_CLUSTER2 (49, 37)	26.68000	0.000000
COSTO_CLUSTER2 (49, 38)	21.80800	0.000000
COSTO_CLUSTER2 (49, 39)	9.280000	0.000000
COSTO_CLUSTER2 (49, 40)	3.944000	0.000000
COSTO_CLUSTER2 (49, 41)	12.52800	0.000000
COSTO_CLUSTER2 (49, 42)	31.78400	0.000000
COSTO_CLUSTER2 (49, 43)	16.47200	0.000000
COSTO_CLUSTER2 (49, 44)	48.72000	0.000000
COSTO_CLUSTER2 (49, 45)	19.95200	0.000000
COSTO_CLUSTER2 (49, 46)	16.70400	0.000000
COSTO_CLUSTER2 (49, 47)	20.41600	0.000000
COSTO_CLUSTER2 (49, 48)	10.44000	0.000000
COSTO_CLUSTER2 (49, 49)	0.000000	0.000000
COSTO_CLUSTER2 (49, 50)	25.28800	0.000000
COSTO_CLUSTER2 (49, 51)	20.88000	0.000000
COSTO_CLUSTER2 (50, 1)	20.41600	0.000000
COSTO_CLUSTER2 (50, 2)	8.352000	0.000000
COSTO_CLUSTER2 (50, 3)	30.39200	0.000000

COSTO_CLUSTER2 (50, 4)	5.336000	0.000000
COSTO_CLUSTER2 (50, 5)	34.104000	0.000000
COSTO_CLUSTER2 (50, 6)	73.080000	0.000000
COSTO_CLUSTER2 (50, 7)	95.584000	0.000000
COSTO_CLUSTER2 (50, 8)	9.512000	0.000000
COSTO_CLUSTER2 (50, 9)	37.352000	0.000000
COSTO_CLUSTER2 (50, 10)	33.640000	0.000000
COSTO_CLUSTER2 (50, 11)	37.120000	0.000000
COSTO_CLUSTER2 (50, 12)	11.136000	0.000000
COSTO_CLUSTER2 (50, 13)	9.280000	0.000000
COSTO_CLUSTER2 (50, 14)	0.81200000	0.000000
COSTO_CLUSTER2 (50, 15)	24.360000	0.000000
COSTO_CLUSTER2 (50, 16)	57.536000	0.000000
COSTO_CLUSTER2 (50, 17)	3.480000	0.000000
COSTO_CLUSTER2 (50, 18)	5.104000	0.000000
COSTO_CLUSTER2 (50, 19)	18.792000	0.000000
COSTO_CLUSTER2 (50, 20)	6.960000	0.000000
COSTO_CLUSTER2 (50, 21)	23.432000	0.000000
COSTO_CLUSTER2 (50, 22)	89.784000	0.000000
COSTO_CLUSTER2 (50, 23)	18.328000	0.000000
COSTO_CLUSTER2 (50, 24)	21.808000	0.000000
COSTO_CLUSTER2 (50, 25)	15.776000	0.000000
COSTO_CLUSTER2 (50, 26)	7.424000	0.000000
COSTO_CLUSTER2 (50, 27)	29.000000	0.000000
COSTO_CLUSTER2 (50, 28)	24.360000	0.000000
COSTO_CLUSTER2 (50, 29)	75.400000	0.000000
COSTO_CLUSTER2 (50, 30)	35.032000	0.000000
COSTO_CLUSTER2 (50, 31)	35.728000	0.000000
COSTO_CLUSTER2 (50, 32)	28.536000	0.000000
COSTO_CLUSTER2 (50, 33)	14.616000	0.000000
COSTO_CLUSTER2 (50, 34)	9.048000	0.000000
COSTO_CLUSTER2 (50, 35)	10.208000	0.000000
COSTO_CLUSTER2 (50, 36)	9.976000	0.000000
COSTO_CLUSTER2 (50, 37)	24.360000	0.000000
COSTO_CLUSTER2 (50, 38)	38.512000	0.000000
COSTO_CLUSTER2 (50, 39)	35.264000	0.000000
COSTO_CLUSTER2 (50, 40)	31.552000	0.000000
COSTO_CLUSTER2 (50, 41)	38.280000	0.000000
COSTO_CLUSTER2 (50, 42)	48.488000	0.000000
COSTO_CLUSTER2 (50, 43)	46.168000	0.000000
COSTO_CLUSTER2 (50, 44)	77.256000	0.000000
COSTO_CLUSTER2 (50, 45)	167.040000	0.000000
COSTO_CLUSTER2 (50, 46)	10.904000	0.000000
COSTO_CLUSTER2 (50, 47)	13.456000	0.000000
COSTO_CLUSTER2 (50, 48)	15.312000	0.000000
COSTO_CLUSTER2 (50, 49)	29.232000	0.000000
COSTO_CLUSTER2 (50, 50)	0.000000	0.000000
COSTO_CLUSTER2 (50, 51)	51.736000	0.000000
COSTO_CLUSTER2 (51, 1)	74.936000	0.000000
COSTO_CLUSTER2 (51, 2)	42.920000	0.000000
COSTO_CLUSTER2 (51, 3)	21.808000	0.000000
COSTO_CLUSTER2 (51, 4)	63.104000	0.000000
COSTO_CLUSTER2 (51, 5)	49.184000	0.000000
COSTO_CLUSTER2 (51, 6)	22.968000	0.000000
COSTO_CLUSTER2 (51, 7)	45.472000	0.000000
COSTO_CLUSTER2 (51, 8)	35.496000	0.000000
COSTO_CLUSTER2 (51, 9)	12.992000	0.000000
COSTO_CLUSTER2 (51, 10)	14.616000	0.000000
COSTO_CLUSTER2 (51, 11)	30.160000	0.000000
COSTO_CLUSTER2 (51, 12)	36.656000	0.000000
COSTO_CLUSTER2 (51, 13)	36.888000	0.000000
COSTO_CLUSTER2 (51, 14)	58.928000	0.000000
COSTO_CLUSTER2 (51, 15)	39.672000	0.000000
COSTO_CLUSTER2 (51, 16)	52.200000	0.000000
COSTO_CLUSTER2 (51, 17)	53.360000	0.000000
COSTO_CLUSTER2 (51, 18)	57.304000	0.000000
COSTO_CLUSTER2 (51, 19)	47.328000	0.000000
COSTO_CLUSTER2 (51, 20)	50.112000	0.000000
COSTO_CLUSTER2 (51, 21)	35.960000	0.000000
COSTO_CLUSTER2 (51, 22)	84.216000	0.000000
COSTO_CLUSTER2 (51, 23)	40.600000	0.000000

COSTO_CLUSTER2 (51, 24)	31.55200	0.000000
COSTO_CLUSTER2 (51, 25)	29.92800	0.000000
COSTO_CLUSTER2 (51, 26)	59.16000	0.000000
COSTO_CLUSTER2 (51, 27)	39.67200	0.000000
COSTO_CLUSTER2 (51, 28)	29.23200	0.000000
COSTO_CLUSTER2 (51, 29)	21.11200	0.000000
COSTO_CLUSTER2 (51, 30)	14.38400	0.000000
COSTO_CLUSTER2 (51, 31)	46.40000	0.000000
COSTO_CLUSTER2 (51, 32)	55.21600	0.000000
COSTO_CLUSTER2 (51, 33)	30.39200	0.000000
COSTO_CLUSTER2 (51, 34)	60.78400	0.000000
COSTO_CLUSTER2 (51, 35)	41.99200	0.000000
COSTO_CLUSTER2 (51, 36)	36.88800	0.000000
COSTO_CLUSTER2 (51, 37)	42.45600	0.000000
COSTO_CLUSTER2 (51, 38)	26.44800	0.000000
COSTO_CLUSTER2 (51, 39)	13.22400	0.000000
COSTO_CLUSTER2 (51, 40)	20.41600	0.000000
COSTO_CLUSTER2 (51, 41)	10.20800	0.000000
COSTO_CLUSTER2 (51, 42)	36.42400	0.000000
COSTO_CLUSTER2 (51, 43)	8.816000	0.000000
COSTO_CLUSTER2 (51, 44)	22.50400	0.000000
COSTO_CLUSTER2 (51, 45)	41.99200	0.000000
COSTO_CLUSTER2 (51, 46)	35.49600	0.000000
COSTO_CLUSTER2 (51, 47)	39.20800	0.000000
COSTO_CLUSTER2 (51, 48)	31.55200	0.000000
COSTO_CLUSTER2 (51, 49)	21.11200	0.000000
COSTO_CLUSTER2 (51, 50)	53.36000	0.000000
COSTO_CLUSTER2 (51, 51)	0.000000	0.000000
ARCO_CLUSTER2 (1, 1)	0.000000	0.000000
ARCO_CLUSTER2 (1, 2)	0.000000	18.32800
ARCO_CLUSTER2 (1, 3)	0.000000	35.72800
ARCO_CLUSTER2 (1, 4)	0.000000	13.68800
ARCO_CLUSTER2 (1, 5)	0.000000	51.73600
ARCO_CLUSTER2 (1, 6)	0.000000	73.08000
ARCO_CLUSTER2 (1, 7)	0.000000	95.35200
ARCO_CLUSTER2 (1, 8)	0.000000	18.09600
ARCO_CLUSTER2 (1, 9)	0.000000	41.52800
ARCO_CLUSTER2 (1, 10)	0.000000	37.81600
ARCO_CLUSTER2 (1, 11)	0.000000	52.66400
ARCO_CLUSTER2 (1, 12)	0.000000	16.47200
ARCO_CLUSTER2 (1, 13)	0.000000	20.41600
ARCO_CLUSTER2 (1, 14)	0.000000	16.70400
ARCO_CLUSTER2 (1, 15)	0.000000	41.99200
ARCO_CLUSTER2 (1, 16)	0.000000	75.16800
ARCO_CLUSTER2 (1, 17)	0.000000	21.11200
ARCO_CLUSTER2 (1, 18)	0.000000	13.22400
ARCO_CLUSTER2 (1, 19)	0.000000	36.19200
ARCO_CLUSTER2 (1, 20)	0.000000	32.01600
ARCO_CLUSTER2 (1, 21)	0.000000	40.83200
ARCO_CLUSTER2 (1, 22)	0.000000	107.1840
ARCO_CLUSTER2 (1, 23)	0.000000	35.96000
ARCO_CLUSTER2 (1, 24)	0.000000	39.90400
ARCO_CLUSTER2 (1, 25)	0.000000	24.59200
ARCO_CLUSTER2 (1, 26)	1.000000	13.45600
ARCO_CLUSTER2 (1, 27)	0.000000	46.63200
ARCO_CLUSTER2 (1, 28)	0.000000	31.55200
ARCO_CLUSTER2 (1, 29)	0.000000	75.16800
ARCO_CLUSTER2 (1, 30)	0.000000	39.20800
ARCO_CLUSTER2 (1, 31)	0.000000	53.12800
ARCO_CLUSTER2 (1, 32)	0.000000	46.16800
ARCO_CLUSTER2 (1, 33)	0.000000	29.92800
ARCO_CLUSTER2 (1, 34)	0.000000	16.00800
ARCO_CLUSTER2 (1, 35)	0.000000	14.84800
ARCO_CLUSTER2 (1, 36)	0.000000	27.60800
ARCO_CLUSTER2 (1, 37)	0.000000	41.99200
ARCO_CLUSTER2 (1, 38)	0.000000	56.14400
ARCO_CLUSTER2 (1, 39)	0.000000	39.20800
ARCO_CLUSTER2 (1, 40)	0.000000	33.17600
ARCO_CLUSTER2 (1, 41)	0.000000	42.22400
ARCO_CLUSTER2 (1, 42)	0.000000	66.12000
ARCO_CLUSTER2 (1, 43)	0.000000	46.16800

ARCO_CLUSTER2 (1, 44)	0.000000	73.54400
ARCO_CLUSTER2 (1, 45)	0.000000	34.80000
ARCO_CLUSTER2 (1, 46)	0.000000	26.21600
ARCO_CLUSTER2 (1, 47)	0.000000	13.68800
ARCO_CLUSTER2 (1, 48)	0.000000	40.13600
ARCO_CLUSTER2 (1, 49)	0.000000	33.40800
ARCO_CLUSTER2 (1, 50)	0.000000	22.04000
ARCO_CLUSTER2 (1, 51)	0.000000	50.80800
ARCO_CLUSTER2 (2, 1)	0.000000	16.00800
ARCO_CLUSTER2 (2, 2)	0.000000	0.000000
ARCO_CLUSTER2 (2, 3)	0.000000	25.05600
ARCO_CLUSTER2 (2, 4)	1.000000	6.264000
ARCO_CLUSTER2 (2, 5)	0.000000	45.00800
ARCO_CLUSTER2 (2, 6)	0.000000	64.72800
ARCO_CLUSTER2 (2, 7)	0.000000	87.23200
ARCO_CLUSTER2 (2, 8)	0.000000	8.816000
ARCO_CLUSTER2 (2, 9)	0.000000	33.40800
ARCO_CLUSTER2 (2, 10)	0.000000	29.46400
ARCO_CLUSTER2 (2, 11)	0.000000	46.16800
ARCO_CLUSTER2 (2, 12)	0.000000	6.960000
ARCO_CLUSTER2 (2, 13)	0.000000	8.584000
ARCO_CLUSTER2 (2, 14)	0.000000	7.424000
ARCO_CLUSTER2 (2, 15)	0.000000	35.26400
ARCO_CLUSTER2 (2, 16)	0.000000	68.44000
ARCO_CLUSTER2 (2, 17)	0.000000	10.20800
ARCO_CLUSTER2 (2, 18)	0.000000	6.496000
ARCO_CLUSTER2 (2, 19)	0.000000	26.68000
ARCO_CLUSTER2 (2, 20)	0.000000	12.99200
ARCO_CLUSTER2 (2, 21)	0.000000	30.16000
ARCO_CLUSTER2 (2, 22)	0.000000	96.51200
ARCO_CLUSTER2 (2, 23)	0.000000	25.05600
ARCO_CLUSTER2 (2, 24)	0.000000	16.00800
ARCO_CLUSTER2 (2, 25)	0.000000	16.47200
ARCO_CLUSTER2 (2, 26)	0.000000	8.816000
ARCO_CLUSTER2 (2, 27)	0.000000	35.72800
ARCO_CLUSTER2 (2, 28)	0.000000	23.20000
ARCO_CLUSTER2 (2, 29)	0.000000	67.04800
ARCO_CLUSTER2 (2, 30)	0.000000	30.85600
ARCO_CLUSTER2 (2, 31)	0.000000	46.63200
ARCO_CLUSTER2 (2, 32)	0.000000	36.65600
ARCO_CLUSTER2 (2, 33)	0.000000	15.31200
ARCO_CLUSTER2 (2, 34)	0.000000	10.20800
ARCO_CLUSTER2 (2, 35)	0.000000	3.248000
ARCO_CLUSTER2 (2, 36)	0.000000	10.67200
ARCO_CLUSTER2 (2, 37)	0.000000	31.08800
ARCO_CLUSTER2 (2, 38)	0.000000	45.47200
ARCO_CLUSTER2 (2, 39)	0.000000	31.08800
ARCO_CLUSTER2 (2, 40)	0.000000	25.05600
ARCO_CLUSTER2 (2, 41)	0.000000	34.10400
ARCO_CLUSTER2 (2, 42)	0.000000	55.44800
ARCO_CLUSTER2 (2, 43)	0.000000	40.13600
ARCO_CLUSTER2 (2, 44)	0.000000	68.90400
ARCO_CLUSTER2 (2, 45)	0.000000	23.89600
ARCO_CLUSTER2 (2, 46)	0.000000	11.60000
ARCO_CLUSTER2 (2, 47)	0.000000	6.032000
ARCO_CLUSTER2 (2, 48)	0.000000	16.00800
ARCO_CLUSTER2 (2, 49)	0.000000	25.05600
ARCO_CLUSTER2 (2, 50)	0.000000	7.192000
ARCO_CLUSTER2 (2, 51)	0.000000	42.68800
ARCO_CLUSTER2 (3, 1)	0.000000	32.48000
ARCO_CLUSTER2 (3, 2)	0.000000	20.18400
ARCO_CLUSTER2 (3, 3)	0.000000	0.000000
ARCO_CLUSTER2 (3, 4)	0.000000	22.96800
ARCO_CLUSTER2 (3, 5)	0.000000	36.19200
ARCO_CLUSTER2 (3, 6)	0.000000	43.15200
ARCO_CLUSTER2 (3, 7)	0.000000	65.42400
ARCO_CLUSTER2 (3, 8)	0.000000	12.76000
ARCO_CLUSTER2 (3, 9)	0.000000	12.29600
ARCO_CLUSTER2 (3, 10)	1.000000	8.120000
ARCO_CLUSTER2 (3, 11)	0.000000	37.35200
ARCO_CLUSTER2 (3, 12)	0.000000	14.61600

ARCO_CLUSTER2 (3, 13)	0.000000	13.92000
ARCO_CLUSTER2 (3, 14)	0.000000	29.69600
ARCO_CLUSTER2 (3, 15)	0.000000	26.44800
ARCO_CLUSTER2 (3, 16)	0.000000	59.62400
ARCO_CLUSTER2 (3, 17)	0.000000	28.53600
ARCO_CLUSTER2 (3, 18)	0.000000	23.20000
ARCO_CLUSTER2 (3, 19)	0.000000	26.91200
ARCO_CLUSTER2 (3, 20)	0.000000	18.09600
ARCO_CLUSTER2 (3, 21)	0.000000	25.52000
ARCO_CLUSTER2 (3, 22)	0.000000	91.87200
ARCO_CLUSTER2 (3, 23)	0.000000	20.18400
ARCO_CLUSTER2 (3, 24)	0.000000	11.36800
ARCO_CLUSTER2 (3, 25)	0.000000	7.888000
ARCO_CLUSTER2 (3, 26)	0.000000	25.52000
ARCO_CLUSTER2 (3, 27)	0.000000	31.08800
ARCO_CLUSTER2 (3, 28)	0.000000	9.048000
ARCO_CLUSTER2 (3, 29)	0.000000	45.24000
ARCO_CLUSTER2 (3, 30)	0.000000	11.13600
ARCO_CLUSTER2 (3, 31)	0.000000	37.81600
ARCO_CLUSTER2 (3, 32)	0.000000	34.80000
ARCO_CLUSTER2 (3, 33)	0.000000	10.20800
ARCO_CLUSTER2 (3, 34)	0.000000	26.91200
ARCO_CLUSTER2 (3, 35)	0.000000	19.95200
ARCO_CLUSTER2 (3, 36)	0.000000	14.38400
ARCO_CLUSTER2 (3, 37)	0.000000	25.28800
ARCO_CLUSTER2 (3, 38)	0.000000	26.21600
ARCO_CLUSTER2 (3, 39)	0.000000	9.280000
ARCO_CLUSTER2 (3, 40)	0.000000	2.320000
ARCO_CLUSTER2 (3, 41)	0.000000	12.52800
ARCO_CLUSTER2 (3, 42)	0.000000	36.19200
ARCO_CLUSTER2 (3, 43)	0.000000	18.32800
ARCO_CLUSTER2 (3, 44)	0.000000	47.09600
ARCO_CLUSTER2 (3, 45)	0.000000	18.56000
ARCO_CLUSTER2 (3, 46)	0.000000	12.99200
ARCO_CLUSTER2 (3, 47)	0.000000	16.93600
ARCO_CLUSTER2 (3, 48)	0.000000	11.36800
ARCO_CLUSTER2 (3, 49)	0.000000	5.568000
ARCO_CLUSTER2 (3, 50)	0.000000	28.53600
ARCO_CLUSTER2 (3, 51)	0.000000	20.88000
ARCO_CLUSTER2 (4, 1)	0.000000	13.68800
ARCO_CLUSTER2 (4, 2)	0.000000	6.728000
ARCO_CLUSTER2 (4, 3)	0.000000	28.07200
ARCO_CLUSTER2 (4, 4)	0.000000	0.000000
ARCO_CLUSTER2 (4, 5)	0.000000	40.36800
ARCO_CLUSTER2 (4, 6)	0.000000	79.34400
ARCO_CLUSTER2 (4, 7)	0.000000	101.8480
ARCO_CLUSTER2 (4, 8)	0.000000	9.744000
ARCO_CLUSTER2 (4, 9)	0.000000	36.65600
ARCO_CLUSTER2 (4, 10)	0.000000	32.48000
ARCO_CLUSTER2 (4, 11)	0.000000	41.52800
ARCO_CLUSTER2 (4, 12)	0.000000	9.976000
ARCO_CLUSTER2 (4, 13)	0.000000	9.280000
ARCO_CLUSTER2 (4, 14)	0.000000	5.800000
ARCO_CLUSTER2 (4, 15)	0.000000	30.62400
ARCO_CLUSTER2 (4, 16)	0.000000	63.80000
ARCO_CLUSTER2 (4, 17)	0.000000	8.352000
ARCO_CLUSTER2 (4, 18)	1.000000	2.320000
ARCO_CLUSTER2 (4, 19)	0.000000	21.57600
ARCO_CLUSTER2 (4, 20)	0.000000	12.52800
ARCO_CLUSTER2 (4, 21)	0.000000	29.69600
ARCO_CLUSTER2 (4, 22)	0.000000	96.04800
ARCO_CLUSTER2 (4, 23)	0.000000	24.59200
ARCO_CLUSTER2 (4, 24)	0.000000	15.31200
ARCO_CLUSTER2 (4, 25)	0.000000	13.22400
ARCO_CLUSTER2 (4, 26)	0.000000	4.640000
ARCO_CLUSTER2 (4, 27)	0.000000	35.26400
ARCO_CLUSTER2 (4, 28)	0.000000	18.56000
ARCO_CLUSTER2 (4, 29)	0.000000	81.66400
ARCO_CLUSTER2 (4, 30)	0.000000	33.87200
ARCO_CLUSTER2 (4, 31)	0.000000	41.99200
ARCO_CLUSTER2 (4, 32)	0.000000	31.32000

ARCO_CLUSTER2 (4, 33)	0.000000	14.61600
ARCO_CLUSTER2 (4, 34)	0.000000	6.032000
ARCO_CLUSTER2 (4, 35)	0.000000	7.424000
ARCO_CLUSTER2 (4, 36)	0.000000	10.20800
ARCO_CLUSTER2 (4, 37)	0.000000	30.62400
ARCO_CLUSTER2 (4, 38)	0.000000	45.00800
ARCO_CLUSTER2 (4, 39)	0.000000	33.87200
ARCO_CLUSTER2 (4, 40)	0.000000	27.84000
ARCO_CLUSTER2 (4, 41)	0.000000	37.12000
ARCO_CLUSTER2 (4, 42)	0.000000	54.75200
ARCO_CLUSTER2 (4, 43)	0.000000	42.92000
ARCO_CLUSTER2 (4, 44)	0.000000	83.52000
ARCO_CLUSTER2 (4, 45)	0.000000	23.43200
ARCO_CLUSTER2 (4, 46)	0.000000	11.13600
ARCO_CLUSTER2 (4, 47)	0.000000	12.29600
ARCO_CLUSTER2 (4, 48)	0.000000	15.54400
ARCO_CLUSTER2 (4, 49)	0.000000	28.07200
ARCO_CLUSTER2 (4, 50)	0.000000	5.104000
ARCO_CLUSTER2 (4, 51)	0.000000	45.47200
ARCO_CLUSTER2 (5, 1)	0.000000	50.11200
ARCO_CLUSTER2 (5, 2)	0.000000	40.83200
ARCO_CLUSTER2 (5, 3)	0.000000	34.56800
ARCO_CLUSTER2 (5, 4)	0.000000	38.28000
ARCO_CLUSTER2 (5, 5)	0.000000	0.000000
ARCO_CLUSTER2 (5, 6)	0.000000	79.34400
ARCO_CLUSTER2 (5, 7)	0.000000	83.98400
ARCO_CLUSTER2 (5, 8)	0.000000	41.29600
ARCO_CLUSTER2 (5, 9)	0.000000	34.56800
ARCO_CLUSTER2 (5, 10)	0.000000	39.44000
ARCO_CLUSTER2 (5, 11)	0.000000	23.66400
ARCO_CLUSTER2 (5, 12)	0.000000	42.45600
ARCO_CLUSTER2 (5, 13)	0.000000	37.81600
ARCO_CLUSTER2 (5, 14)	0.000000	33.87200
ARCO_CLUSTER2 (5, 15)	0.000000	7.888000
ARCO_CLUSTER2 (5, 16)	0.000000	15.54400
ARCO_CLUSTER2 (5, 17)	0.000000	32.94400
ARCO_CLUSTER2 (5, 18)	0.000000	36.88800
ARCO_CLUSTER2 (5, 19)	0.000000	17.86400
ARCO_CLUSTER2 (5, 20)	0.000000	30.39200
ARCO_CLUSTER2 (5, 21)	0.000000	9.976000
ARCO_CLUSTER2 (5, 22)	0.000000	47.56000
ARCO_CLUSTER2 (5, 23)	0.000000	15.54400
ARCO_CLUSTER2 (5, 24)	0.000000	26.68000
ARCO_CLUSTER2 (5, 25)	0.000000	35.72800
ARCO_CLUSTER2 (5, 26)	0.000000	39.20800
ARCO_CLUSTER2 (5, 27)	1.000000	4.640000
ARCO_CLUSTER2 (5, 28)	0.000000	28.76800
ARCO_CLUSTER2 (5, 29)	0.000000	63.80000
ARCO_CLUSTER2 (5, 30)	0.000000	32.01600
ARCO_CLUSTER2 (5, 31)	0.000000	4.408000
ARCO_CLUSTER2 (5, 32)	0.000000	15.31200
ARCO_CLUSTER2 (5, 33)	0.000000	28.76800
ARCO_CLUSTER2 (5, 34)	0.000000	38.97600
ARCO_CLUSTER2 (5, 35)	0.000000	44.08000
ARCO_CLUSTER2 (5, 36)	0.000000	32.01600
ARCO_CLUSTER2 (5, 37)	0.000000	11.36800
ARCO_CLUSTER2 (5, 38)	0.000000	26.91200
ARCO_CLUSTER2 (5, 39)	0.000000	36.65600
ARCO_CLUSTER2 (5, 40)	0.000000	35.72800
ARCO_CLUSTER2 (5, 41)	0.000000	36.65600
ARCO_CLUSTER2 (5, 42)	0.000000	37.12000
ARCO_CLUSTER2 (5, 43)	0.000000	34.56800
ARCO_CLUSTER2 (5, 44)	0.000000	65.65600
ARCO_CLUSTER2 (5, 45)	0.000000	21.57600
ARCO_CLUSTER2 (5, 46)	0.000000	32.94400
ARCO_CLUSTER2 (5, 47)	0.000000	44.77600
ARCO_CLUSTER2 (5, 48)	0.000000	26.68000
ARCO_CLUSTER2 (5, 49)	0.000000	25.75200
ARCO_CLUSTER2 (5, 50)	0.000000	32.71200
ARCO_CLUSTER2 (5, 51)	0.000000	40.13600
ARCO_CLUSTER2 (6, 1)	0.000000	91.40800

ARCO_CLUSTER2 (6, 2)	0.000000	64.72800
ARCO_CLUSTER2 (6, 3)	0.000000	43.84800
ARCO_CLUSTER2 (6, 4)	0.000000	80.04000
ARCO_CLUSTER2 (6, 5)	0.000000	80.04000
ARCO_CLUSTER2 (6, 6)	0.000000	0.000000
ARCO_CLUSTER2 (6, 7)	1.000000	24.12800
ARCO_CLUSTER2 (6, 8)	0.000000	57.30400
ARCO_CLUSTER2 (6, 9)	0.000000	35.03200
ARCO_CLUSTER2 (6, 10)	0.000000	36.42400
ARCO_CLUSTER2 (6, 11)	0.000000	46.86400
ARCO_CLUSTER2 (6, 12)	0.000000	58.69600
ARCO_CLUSTER2 (6, 13)	0.000000	58.69600
ARCO_CLUSTER2 (6, 14)	0.000000	75.63200
ARCO_CLUSTER2 (6, 15)	0.000000	56.37600
ARCO_CLUSTER2 (6, 16)	0.000000	73.31200
ARCO_CLUSTER2 (6, 17)	0.000000	74.70400
ARCO_CLUSTER2 (6, 18)	0.000000	78.64800
ARCO_CLUSTER2 (6, 19)	0.000000	68.67200
ARCO_CLUSTER2 (6, 20)	0.000000	71.92000
ARCO_CLUSTER2 (6, 21)	0.000000	57.30400
ARCO_CLUSTER2 (6, 22)	0.000000	105.3280
ARCO_CLUSTER2 (6, 23)	0.000000	61.94400
ARCO_CLUSTER2 (6, 24)	0.000000	68.20800
ARCO_CLUSTER2 (6, 25)	0.000000	51.96800
ARCO_CLUSTER2 (6, 26)	0.000000	80.96800
ARCO_CLUSTER2 (6, 27)	0.000000	61.01600
ARCO_CLUSTER2 (6, 28)	0.000000	51.27200
ARCO_CLUSTER2 (6, 29)	0.000000	7.888000
ARCO_CLUSTER2 (6, 30)	0.000000	36.19200
ARCO_CLUSTER2 (6, 31)	0.000000	67.74400
ARCO_CLUSTER2 (6, 32)	0.000000	76.32800
ARCO_CLUSTER2 (6, 33)	0.000000	52.43200
ARCO_CLUSTER2 (6, 34)	0.000000	80.50400
ARCO_CLUSTER2 (6, 35)	0.000000	63.80000
ARCO_CLUSTER2 (6, 36)	0.000000	73.77600
ARCO_CLUSTER2 (6, 37)	0.000000	63.56800
ARCO_CLUSTER2 (6, 38)	0.000000	47.56000
ARCO_CLUSTER2 (6, 39)	0.000000	35.03200
ARCO_CLUSTER2 (6, 40)	0.000000	42.22400
ARCO_CLUSTER2 (6, 41)	0.000000	32.01600
ARCO_CLUSTER2 (6, 42)	0.000000	57.53600
ARCO_CLUSTER2 (6, 43)	0.000000	35.03200
ARCO_CLUSTER2 (6, 44)	0.000000	12.52800
ARCO_CLUSTER2 (6, 45)	0.000000	63.10400
ARCO_CLUSTER2 (6, 46)	0.000000	57.30400
ARCO_CLUSTER2 (6, 47)	0.000000	61.01600
ARCO_CLUSTER2 (6, 48)	0.000000	68.44000
ARCO_CLUSTER2 (6, 49)	0.000000	43.15200
ARCO_CLUSTER2 (6, 50)	0.000000	74.47200
ARCO_CLUSTER2 (6, 51)	0.000000	26.68000
ARCO_CLUSTER2 (7, 1)	0.000000	110.6640
ARCO_CLUSTER2 (7, 2)	0.000000	83.52000
ARCO_CLUSTER2 (7, 3)	0.000000	62.17600
ARCO_CLUSTER2 (7, 4)	0.000000	98.60000
ARCO_CLUSTER2 (7, 5)	0.000000	84.68000
ARCO_CLUSTER2 (7, 6)	0.000000	24.59200
ARCO_CLUSTER2 (7, 7)	0.000000	0.000000
ARCO_CLUSTER2 (7, 8)	0.000000	75.86400
ARCO_CLUSTER2 (7, 9)	0.000000	53.36000
ARCO_CLUSTER2 (7, 10)	0.000000	54.98400
ARCO_CLUSTER2 (7, 11)	0.000000	65.42400
ARCO_CLUSTER2 (7, 12)	0.000000	77.02400
ARCO_CLUSTER2 (7, 13)	0.000000	77.02400
ARCO_CLUSTER2 (7, 14)	0.000000	94.19200
ARCO_CLUSTER2 (7, 15)	0.000000	74.93600
ARCO_CLUSTER2 (7, 16)	0.000000	91.87200
ARCO_CLUSTER2 (7, 17)	0.000000	93.26400
ARCO_CLUSTER2 (7, 18)	0.000000	96.97600
ARCO_CLUSTER2 (7, 19)	0.000000	87.00000
ARCO_CLUSTER2 (7, 20)	0.000000	90.48000
ARCO_CLUSTER2 (7, 21)	0.000000	75.63200

ARCO_CLUSTER2 (7, 22)	0.000000	123.8880
ARCO_CLUSTER2 (7, 23)	0.000000	80.27200
ARCO_CLUSTER2 (7, 24)	0.000000	86.76800
ARCO_CLUSTER2 (7, 25)	0.000000	70.29600
ARCO_CLUSTER2 (7, 26)	0.000000	99.29600
ARCO_CLUSTER2 (7, 27)	0.000000	79.34400
ARCO_CLUSTER2 (7, 28)	0.000000	69.60000
ARCO_CLUSTER2 (7, 29)	1.000000	25.52000
ARCO_CLUSTER2 (7, 30)	0.000000	54.52000
ARCO_CLUSTER2 (7, 31)	0.000000	86.07200
ARCO_CLUSTER2 (7, 32)	0.000000	94.88800
ARCO_CLUSTER2 (7, 33)	0.000000	70.76000
ARCO_CLUSTER2 (7, 34)	0.000000	99.06400
ARCO_CLUSTER2 (7, 35)	0.000000	82.36000
ARCO_CLUSTER2 (7, 36)	0.000000	92.10400
ARCO_CLUSTER2 (7, 37)	0.000000	82.12800
ARCO_CLUSTER2 (7, 38)	0.000000	66.12000
ARCO_CLUSTER2 (7, 39)	0.000000	53.36000
ARCO_CLUSTER2 (7, 40)	0.000000	60.78400
ARCO_CLUSTER2 (7, 41)	0.000000	50.57600
ARCO_CLUSTER2 (7, 42)	0.000000	76.09600
ARCO_CLUSTER2 (7, 43)	0.000000	53.59200
ARCO_CLUSTER2 (7, 44)	0.000000	31.32000
ARCO_CLUSTER2 (7, 45)	0.000000	81.66400
ARCO_CLUSTER2 (7, 46)	0.000000	75.86400
ARCO_CLUSTER2 (7, 47)	0.000000	79.57600
ARCO_CLUSTER2 (7, 48)	0.000000	87.00000
ARCO_CLUSTER2 (7, 49)	0.000000	61.48000
ARCO_CLUSTER2 (7, 50)	0.000000	93.03200
ARCO_CLUSTER2 (7, 51)	0.000000	45.24000
ARCO_CLUSTER2 (8, 1)	0.000000	22.73600
ARCO_CLUSTER2 (8, 2)	0.000000	7.656000
ARCO_CLUSTER2 (8, 3)	0.000000	21.11200
ARCO_CLUSTER2 (8, 4)	0.000000	10.44000
ARCO_CLUSTER2 (8, 5)	0.000000	46.16800
ARCO_CLUSTER2 (8, 6)	0.000000	60.78400
ARCO_CLUSTER2 (8, 7)	0.000000	83.05600
ARCO_CLUSTER2 (8, 8)	0.000000	0.000000
ARCO_CLUSTER2 (8, 9)	0.000000	29.23200
ARCO_CLUSTER2 (8, 10)	0.000000	25.28800
ARCO_CLUSTER2 (8, 11)	0.000000	47.32800
ARCO_CLUSTER2 (8, 12)	1.000000	2.784000
ARCO_CLUSTER2 (8, 13)	0.000000	3.248000
ARCO_CLUSTER2 (8, 14)	0.000000	9.280000
ARCO_CLUSTER2 (8, 15)	0.000000	36.65600
ARCO_CLUSTER2 (8, 16)	0.000000	69.83200
ARCO_CLUSTER2 (8, 17)	0.000000	11.83200
ARCO_CLUSTER2 (8, 18)	0.000000	10.67200
ARCO_CLUSTER2 (8, 19)	0.000000	26.21600
ARCO_CLUSTER2 (8, 20)	0.000000	12.29600
ARCO_CLUSTER2 (8, 21)	0.000000	35.49600
ARCO_CLUSTER2 (8, 22)	0.000000	101.8480
ARCO_CLUSTER2 (8, 23)	0.000000	30.16000
ARCO_CLUSTER2 (8, 24)	0.000000	15.31200
ARCO_CLUSTER2 (8, 25)	0.000000	8.584000
ARCO_CLUSTER2 (8, 26)	0.000000	12.99200
ARCO_CLUSTER2 (8, 27)	0.000000	41.06400
ARCO_CLUSTER2 (8, 28)	0.000000	19.25600
ARCO_CLUSTER2 (8, 29)	0.000000	62.87200
ARCO_CLUSTER2 (8, 30)	0.000000	26.91200
ARCO_CLUSTER2 (8, 31)	0.000000	47.79200
ARCO_CLUSTER2 (8, 32)	0.000000	35.96000
ARCO_CLUSTER2 (8, 33)	0.000000	10.20800
ARCO_CLUSTER2 (8, 34)	0.000000	14.38400
ARCO_CLUSTER2 (8, 35)	0.000000	8.120000
ARCO_CLUSTER2 (8, 36)	0.000000	10.20800
ARCO_CLUSTER2 (8, 37)	0.000000	35.26400
ARCO_CLUSTER2 (8, 38)	0.000000	41.99200
ARCO_CLUSTER2 (8, 39)	0.000000	26.91200
ARCO_CLUSTER2 (8, 40)	0.000000	20.88000
ARCO_CLUSTER2 (8, 41)	0.000000	30.16000

ARCO_CLUSTER2 (8, 42)	0.000000	51.96800
ARCO_CLUSTER2 (8, 43)	0.000000	35.96000
ARCO_CLUSTER2 (8, 44)	0.000000	64.72800
ARCO_CLUSTER2 (8, 45)	0.000000	28.53600
ARCO_CLUSTER2 (8, 46)	0.000000	11.13600
ARCO_CLUSTER2 (8, 47)	0.000000	5.336000
ARCO_CLUSTER2 (8, 48)	0.000000	15.54400
ARCO_CLUSTER2 (8, 49)	0.000000	21.11200
ARCO_CLUSTER2 (8, 50)	0.000000	8.816000
ARCO_CLUSTER2 (8, 51)	0.000000	38.51200
ARCO_CLUSTER2 (9, 1)	0.000000	43.61600
ARCO_CLUSTER2 (9, 2)	0.000000	31.55200
ARCO_CLUSTER2 (9, 3)	0.000000	12.06400
ARCO_CLUSTER2 (9, 4)	0.000000	34.56800
ARCO_CLUSTER2 (9, 5)	0.000000	34.80000
ARCO_CLUSTER2 (9, 6)	0.000000	35.49600
ARCO_CLUSTER2 (9, 7)	0.000000	57.76800
ARCO_CLUSTER2 (9, 8)	0.000000	24.36000
ARCO_CLUSTER2 (9, 9)	0.000000	0.000000
ARCO_CLUSTER2 (9, 10)	0.000000	4.640000
ARCO_CLUSTER2 (9, 11)	0.000000	14.84800
ARCO_CLUSTER2 (9, 12)	0.000000	25.52000
ARCO_CLUSTER2 (9, 13)	0.000000	25.52000
ARCO_CLUSTER2 (9, 14)	0.000000	38.51200
ARCO_CLUSTER2 (9, 15)	0.000000	25.05600
ARCO_CLUSTER2 (9, 16)	0.000000	41.99200
ARCO_CLUSTER2 (9, 17)	0.000000	37.58400
ARCO_CLUSTER2 (9, 18)	0.000000	34.56800
ARCO_CLUSTER2 (9, 19)	0.000000	35.96000
ARCO_CLUSTER2 (9, 20)	0.000000	29.00000
ARCO_CLUSTER2 (9, 21)	0.000000	25.98400
ARCO_CLUSTER2 (9, 22)	0.000000	74.00800
ARCO_CLUSTER2 (9, 23)	0.000000	30.62400
ARCO_CLUSTER2 (9, 24)	0.000000	20.18400
ARCO_CLUSTER2 (9, 25)	0.000000	18.79200
ARCO_CLUSTER2 (9, 26)	0.000000	36.88800
ARCO_CLUSTER2 (9, 27)	0.000000	29.69600
ARCO_CLUSTER2 (9, 28)	0.000000	18.09600
ARCO_CLUSTER2 (9, 29)	0.000000	37.58400
ARCO_CLUSTER2 (9, 30)	0.000000	1.624000
ARCO_CLUSTER2 (9, 31)	0.000000	36.42400
ARCO_CLUSTER2 (9, 32)	0.000000	45.00800
ARCO_CLUSTER2 (9, 33)	0.000000	19.25600
ARCO_CLUSTER2 (9, 34)	0.000000	38.51200
ARCO_CLUSTER2 (9, 35)	0.000000	30.85600
ARCO_CLUSTER2 (9, 36)	0.000000	25.52000
ARCO_CLUSTER2 (9, 37)	0.000000	32.24800
ARCO_CLUSTER2 (9, 38)	1.000000	15.54400
ARCO_CLUSTER2 (9, 39)	0.000000	4.640000
ARCO_CLUSTER2 (9, 40)	0.000000	10.90400
ARCO_CLUSTER2 (9, 41)	0.000000	4.872000
ARCO_CLUSTER2 (9, 42)	0.000000	25.52000
ARCO_CLUSTER2 (9, 43)	0.000000	7.192000
ARCO_CLUSTER2 (9, 44)	0.000000	39.44000
ARCO_CLUSTER2 (9, 45)	0.000000	31.78400
ARCO_CLUSTER2 (9, 46)	0.000000	24.36000
ARCO_CLUSTER2 (9, 47)	0.000000	27.84000
ARCO_CLUSTER2 (9, 48)	0.000000	20.41600
ARCO_CLUSTER2 (9, 49)	0.000000	8.352000
ARCO_CLUSTER2 (9, 50)	0.000000	43.15200
ARCO_CLUSTER2 (9, 51)	0.000000	12.76000
ARCO_CLUSTER2 (10, 1)	0.000000	40.83200
ARCO_CLUSTER2 (10, 2)	0.000000	29.00000
ARCO_CLUSTER2 (10, 3)	0.000000	9.512000
ARCO_CLUSTER2 (10, 4)	0.000000	31.78400
ARCO_CLUSTER2 (10, 5)	0.000000	41.99200
ARCO_CLUSTER2 (10, 6)	0.000000	35.26400
ARCO_CLUSTER2 (10, 7)	0.000000	57.76800
ARCO_CLUSTER2 (10, 8)	0.000000	21.57600
ARCO_CLUSTER2 (10, 9)	0.000000	3.944000
ARCO_CLUSTER2 (10, 10)	0.000000	0.000000

ARCO_CLUSTER2 (10, 11)	0.000000	22.73600
ARCO_CLUSTER2 (10, 12)	0.000000	22.73600
ARCO_CLUSTER2 (10, 13)	0.000000	22.96800
ARCO_CLUSTER2 (10, 14)	0.000000	35.96000
ARCO_CLUSTER2 (10, 15)	0.000000	32.48000
ARCO_CLUSTER2 (10, 16)	0.000000	49.18400
ARCO_CLUSTER2 (10, 17)	0.000000	34.80000
ARCO_CLUSTER2 (10, 18)	0.000000	32.01600
ARCO_CLUSTER2 (10, 19)	0.000000	33.17600
ARCO_CLUSTER2 (10, 20)	0.000000	26.21600
ARCO_CLUSTER2 (10, 21)	0.000000	31.78400
ARCO_CLUSTER2 (10, 22)	0.000000	81.20000
ARCO_CLUSTER2 (10, 23)	0.000000	26.44800
ARCO_CLUSTER2 (10, 24)	0.000000	17.63200
ARCO_CLUSTER2 (10, 25)	0.000000	16.00800
ARCO_CLUSTER2 (10, 26)	0.000000	34.33600
ARCO_CLUSTER2 (10, 27)	0.000000	36.88800
ARCO_CLUSTER2 (10, 28)	0.000000	15.54400
ARCO_CLUSTER2 (10, 29)	0.000000	37.58400
ARCO_CLUSTER2 (10, 30)	0.000000	4.408000
ARCO_CLUSTER2 (10, 31)	0.000000	43.61600
ARCO_CLUSTER2 (10, 32)	0.000000	41.29600
ARCO_CLUSTER2 (10, 33)	0.000000	16.47200
ARCO_CLUSTER2 (10, 34)	0.000000	35.72800
ARCO_CLUSTER2 (10, 35)	0.000000	28.07200
ARCO_CLUSTER2 (10, 36)	0.000000	22.96800
ARCO_CLUSTER2 (10, 37)	0.000000	31.55200
ARCO_CLUSTER2 (10, 38)	0.000000	23.43200
ARCO_CLUSTER2 (10, 39)	1.000000	1.624000
ARCO_CLUSTER2 (10, 40)	0.000000	7.888000
ARCO_CLUSTER2 (10, 41)	0.000000	4.408000
ARCO_CLUSTER2 (10, 42)	0.000000	33.64000
ARCO_CLUSTER2 (10, 43)	0.000000	8.584000
ARCO_CLUSTER2 (10, 44)	0.000000	39.44000
ARCO_CLUSTER2 (10, 45)	0.000000	24.82400
ARCO_CLUSTER2 (10, 46)	0.000000	21.57600
ARCO_CLUSTER2 (10, 47)	0.000000	25.28800
ARCO_CLUSTER2 (10, 48)	0.000000	17.63200
ARCO_CLUSTER2 (10, 49)	0.000000	7.424000
ARCO_CLUSTER2 (10, 50)	0.000000	30.16000
ARCO_CLUSTER2 (10, 51)	0.000000	13.22400
ARCO_CLUSTER2 (11, 1)	0.000000	55.21600
ARCO_CLUSTER2 (11, 2)	0.000000	45.70400
ARCO_CLUSTER2 (11, 3)	0.000000	26.91200
ARCO_CLUSTER2 (11, 4)	0.000000	43.38400
ARCO_CLUSTER2 (11, 5)	0.000000	29.46400
ARCO_CLUSTER2 (11, 6)	0.000000	45.93600
ARCO_CLUSTER2 (11, 7)	0.000000	68.44000
ARCO_CLUSTER2 (11, 8)	0.000000	46.16800
ARCO_CLUSTER2 (11, 9)	0.000000	19.02400
ARCO_CLUSTER2 (11, 10)	0.000000	19.48800
ARCO_CLUSTER2 (11, 11)	0.000000	0.000000
ARCO_CLUSTER2 (11, 12)	0.000000	47.56000
ARCO_CLUSTER2 (11, 13)	0.000000	42.68800
ARCO_CLUSTER2 (11, 14)	0.000000	38.97600
ARCO_CLUSTER2 (11, 15)	0.000000	19.72000
ARCO_CLUSTER2 (11, 16)	1.000000	30.16000
ARCO_CLUSTER2 (11, 17)	0.000000	38.04800
ARCO_CLUSTER2 (11, 18)	0.000000	41.76000
ARCO_CLUSTER2 (11, 19)	0.000000	32.01600
ARCO_CLUSTER2 (11, 20)	0.000000	35.26400
ARCO_CLUSTER2 (11, 21)	0.000000	20.64800
ARCO_CLUSTER2 (11, 22)	0.000000	62.17600
ARCO_CLUSTER2 (11, 23)	0.000000	25.05600
ARCO_CLUSTER2 (11, 24)	0.000000	31.55200
ARCO_CLUSTER2 (11, 25)	0.000000	40.83200
ARCO_CLUSTER2 (11, 26)	0.000000	44.08000
ARCO_CLUSTER2 (11, 27)	0.000000	24.36000
ARCO_CLUSTER2 (11, 28)	0.000000	33.64000
ARCO_CLUSTER2 (11, 29)	0.000000	48.02400
ARCO_CLUSTER2 (11, 30)	0.000000	16.47200

ARCO_CLUSTER2 (11, 31)	0.000000	30.85600
ARCO_CLUSTER2 (11, 32)	0.000000	39.67200
ARCO_CLUSTER2 (11, 33)	0.000000	33.87200
ARCO_CLUSTER2 (11, 34)	0.000000	43.84800
ARCO_CLUSTER2 (11, 35)	0.000000	49.18400
ARCO_CLUSTER2 (11, 36)	0.000000	36.88800
ARCO_CLUSTER2 (11, 37)	0.000000	26.91200
ARCO_CLUSTER2 (11, 38)	0.000000	5.336000
ARCO_CLUSTER2 (11, 39)	0.000000	20.88000
ARCO_CLUSTER2 (11, 40)	0.000000	25.28800
ARCO_CLUSTER2 (11, 41)	0.000000	21.11200
ARCO_CLUSTER2 (11, 42)	0.000000	15.54400
ARCO_CLUSTER2 (11, 43)	0.000000	19.02400
ARCO_CLUSTER2 (11, 44)	0.000000	50.11200
ARCO_CLUSTER2 (11, 45)	0.000000	26.44800
ARCO_CLUSTER2 (11, 46)	0.000000	37.81600
ARCO_CLUSTER2 (11, 47)	0.000000	49.88000
ARCO_CLUSTER2 (11, 48)	0.000000	31.78400
ARCO_CLUSTER2 (11, 49)	0.000000	22.27200
ARCO_CLUSTER2 (11, 50)	0.000000	37.81600
ARCO_CLUSTER2 (11, 51)	0.000000	24.59200
ARCO_CLUSTER2 (12, 1)	0.000000	20.41600
ARCO_CLUSTER2 (12, 2)	0.000000	8.352000
ARCO_CLUSTER2 (12, 3)	0.000000	18.56000
ARCO_CLUSTER2 (12, 4)	0.000000	15.08000
ARCO_CLUSTER2 (12, 5)	0.000000	43.84800
ARCO_CLUSTER2 (12, 6)	0.000000	58.23200
ARCO_CLUSTER2 (12, 7)	0.000000	80.73600
ARCO_CLUSTER2 (12, 8)	0.000000	3.480000
ARCO_CLUSTER2 (12, 9)	0.000000	26.68000
ARCO_CLUSTER2 (12, 10)	0.000000	22.96800
ARCO_CLUSTER2 (12, 11)	0.000000	44.77600
ARCO_CLUSTER2 (12, 12)	0.000000	0.000000
ARCO_CLUSTER2 (12, 13)	0.000000	5.800000
ARCO_CLUSTER2 (12, 14)	0.000000	13.68800
ARCO_CLUSTER2 (12, 15)	0.000000	34.10400
ARCO_CLUSTER2 (12, 16)	0.000000	67.28000
ARCO_CLUSTER2 (12, 17)	0.000000	16.47200
ARCO_CLUSTER2 (12, 18)	0.000000	15.08000
ARCO_CLUSTER2 (12, 19)	0.000000	34.56800
ARCO_CLUSTER2 (12, 20)	0.000000	16.47200
ARCO_CLUSTER2 (12, 21)	0.000000	32.94400
ARCO_CLUSTER2 (12, 22)	0.000000	99.29600
ARCO_CLUSTER2 (12, 23)	0.000000	27.60800
ARCO_CLUSTER2 (12, 24)	0.000000	18.79200
ARCO_CLUSTER2 (12, 25)	0.000000	9.744000
ARCO_CLUSTER2 (12, 26)	0.000000	17.40000
ARCO_CLUSTER2 (12, 27)	0.000000	38.74400
ARCO_CLUSTER2 (12, 28)	0.000000	16.70400
ARCO_CLUSTER2 (12, 29)	0.000000	60.32000
ARCO_CLUSTER2 (12, 30)	0.000000	24.36000
ARCO_CLUSTER2 (12, 31)	0.000000	45.24000
ARCO_CLUSTER2 (12, 32)	0.000000	42.45600
ARCO_CLUSTER2 (12, 33)	0.000000	17.86400
ARCO_CLUSTER2 (12, 34)	0.000000	19.02400
ARCO_CLUSTER2 (12, 35)	0.000000	5.800000
ARCO_CLUSTER2 (12, 36)	0.000000	12.76000
ARCO_CLUSTER2 (12, 37)	0.000000	32.71200
ARCO_CLUSTER2 (12, 38)	0.000000	39.67200
ARCO_CLUSTER2 (12, 39)	0.000000	24.59200
ARCO_CLUSTER2 (12, 40)	0.000000	18.56000
ARCO_CLUSTER2 (12, 41)	0.000000	27.60800
ARCO_CLUSTER2 (12, 42)	0.000000	49.64800
ARCO_CLUSTER2 (12, 43)	0.000000	33.40800
ARCO_CLUSTER2 (12, 44)	0.000000	62.40800
ARCO_CLUSTER2 (12, 45)	0.000000	26.21600
ARCO_CLUSTER2 (12, 46)	0.000000	11.36800
ARCO_CLUSTER2 (12, 47)	1.000000	2.784000
ARCO_CLUSTER2 (12, 48)	0.000000	19.02400
ARCO_CLUSTER2 (12, 49)	0.000000	18.56000
ARCO_CLUSTER2 (12, 50)	0.000000	13.45600

ARCO_CLUSTER2 (12, 51)	0.000000	36.19200
ARCO_CLUSTER2 (13, 1)	0.000000	26.44800
ARCO_CLUSTER2 (13, 2)	0.000000	7.888000
ARCO_CLUSTER2 (13, 3)	0.000000	19.72000
ARCO_CLUSTER2 (13, 4)	0.000000	10.44000
ARCO_CLUSTER2 (13, 5)	0.000000	40.83200
ARCO_CLUSTER2 (13, 6)	0.000000	59.39200
ARCO_CLUSTER2 (13, 7)	0.000000	81.89600
ARCO_CLUSTER2 (13, 8)	1.000000	4.176000
ARCO_CLUSTER2 (13, 9)	0.000000	28.07200
ARCO_CLUSTER2 (13, 10)	0.000000	24.12800
ARCO_CLUSTER2 (13, 11)	0.000000	41.76000
ARCO_CLUSTER2 (13, 12)	0.000000	6.264000
ARCO_CLUSTER2 (13, 13)	0.000000	0.000000
ARCO_CLUSTER2 (13, 14)	0.000000	9.280000
ARCO_CLUSTER2 (13, 15)	0.000000	31.08800
ARCO_CLUSTER2 (13, 16)	0.000000	64.26400
ARCO_CLUSTER2 (13, 17)	0.000000	11.83200
ARCO_CLUSTER2 (13, 18)	0.000000	10.44000
ARCO_CLUSTER2 (13, 19)	0.000000	23.20000
ARCO_CLUSTER2 (13, 20)	0.000000	9.512000
ARCO_CLUSTER2 (13, 21)	0.000000	29.92800
ARCO_CLUSTER2 (13, 22)	0.000000	96.28000
ARCO_CLUSTER2 (13, 23)	0.000000	25.05600
ARCO_CLUSTER2 (13, 24)	0.000000	11.36800
ARCO_CLUSTER2 (13, 25)	0.000000	6.960000
ARCO_CLUSTER2 (13, 26)	0.000000	12.76000
ARCO_CLUSTER2 (13, 27)	0.000000	35.72800
ARCO_CLUSTER2 (13, 28)	0.000000	11.60000
ARCO_CLUSTER2 (13, 29)	0.000000	61.01600
ARCO_CLUSTER2 (13, 30)	0.000000	25.05600
ARCO_CLUSTER2 (13, 31)	0.000000	42.45600
ARCO_CLUSTER2 (13, 32)	0.000000	33.17600
ARCO_CLUSTER2 (13, 33)	0.000000	8.352000
ARCO_CLUSTER2 (13, 34)	0.000000	14.38400
ARCO_CLUSTER2 (13, 35)	0.000000	9.512000
ARCO_CLUSTER2 (13, 36)	0.000000	6.032000
ARCO_CLUSTER2 (13, 37)	0.000000	31.08800
ARCO_CLUSTER2 (13, 38)	0.000000	45.24000
ARCO_CLUSTER2 (13, 39)	0.000000	25.28800
ARCO_CLUSTER2 (13, 40)	0.000000	19.25600
ARCO_CLUSTER2 (13, 41)	0.000000	28.30400
ARCO_CLUSTER2 (13, 42)	0.000000	55.21600
ARCO_CLUSTER2 (13, 43)	0.000000	34.10400
ARCO_CLUSTER2 (13, 44)	0.000000	63.10400
ARCO_CLUSTER2 (13, 45)	0.000000	23.89600
ARCO_CLUSTER2 (13, 46)	0.000000	3.712000
ARCO_CLUSTER2 (13, 47)	0.000000	8.584000
ARCO_CLUSTER2 (13, 48)	0.000000	11.36800
ARCO_CLUSTER2 (13, 49)	0.000000	19.25600
ARCO_CLUSTER2 (13, 50)	0.000000	8.816000
ARCO_CLUSTER2 (13, 51)	0.000000	36.88800
ARCO_CLUSTER2 (14, 1)	0.000000	19.95200
ARCO_CLUSTER2 (14, 2)	0.000000	9.280000
ARCO_CLUSTER2 (14, 3)	0.000000	29.92800
ARCO_CLUSTER2 (14, 4)	0.000000	5.104000
ARCO_CLUSTER2 (14, 5)	0.000000	33.64000
ARCO_CLUSTER2 (14, 6)	0.000000	72.61600
ARCO_CLUSTER2 (14, 7)	0.000000	95.12000
ARCO_CLUSTER2 (14, 8)	0.000000	10.20800
ARCO_CLUSTER2 (14, 9)	0.000000	38.74400
ARCO_CLUSTER2 (14, 10)	0.000000	34.80000
ARCO_CLUSTER2 (14, 11)	0.000000	34.80000
ARCO_CLUSTER2 (14, 12)	0.000000	11.83200
ARCO_CLUSTER2 (14, 13)	0.000000	10.20800
ARCO_CLUSTER2 (14, 14)	0.000000	0.000000
ARCO_CLUSTER2 (14, 15)	0.000000	23.89600
ARCO_CLUSTER2 (14, 16)	0.000000	57.07200
ARCO_CLUSTER2 (14, 17)	0.000000	3.016000
ARCO_CLUSTER2 (14, 18)	0.000000	4.872000
ARCO_CLUSTER2 (14, 19)	0.000000	18.32800

ARCO_CLUSTER2 (14, 20)	0.000000	8.352000
ARCO_CLUSTER2 (14, 21)	0.000000	22.96800
ARCO_CLUSTER2 (14, 22)	0.000000	89.32000
ARCO_CLUSTER2 (14, 23)	0.000000	17.86400
ARCO_CLUSTER2 (14, 24)	0.000000	21.80800
ARCO_CLUSTER2 (14, 25)	0.000000	16.47200
ARCO_CLUSTER2 (14, 26)	0.000000	7.192000
ARCO_CLUSTER2 (14, 27)	0.000000	28.53600
ARCO_CLUSTER2 (14, 28)	0.000000	23.89600
ARCO_CLUSTER2 (14, 29)	0.000000	74.93600
ARCO_CLUSTER2 (14, 30)	0.000000	36.42400
ARCO_CLUSTER2 (14, 31)	0.000000	35.26400
ARCO_CLUSTER2 (14, 32)	0.000000	28.07200
ARCO_CLUSTER2 (14, 33)	0.000000	15.31200
ARCO_CLUSTER2 (14, 34)	0.000000	8.816000
ARCO_CLUSTER2 (14, 35)	0.000000	11.13600
ARCO_CLUSTER2 (14, 36)	0.000000	10.90400
ARCO_CLUSTER2 (14, 37)	0.000000	23.89600
ARCO_CLUSTER2 (14, 38)	0.000000	38.28000
ARCO_CLUSTER2 (14, 39)	0.000000	36.42400
ARCO_CLUSTER2 (14, 40)	0.000000	31.08800
ARCO_CLUSTER2 (14, 41)	0.000000	39.44000
ARCO_CLUSTER2 (14, 42)	0.000000	48.02400
ARCO_CLUSTER2 (14, 43)	0.000000	45.70400
ARCO_CLUSTER2 (14, 44)	0.000000	76.79200
ARCO_CLUSTER2 (14, 45)	0.000000	16.70400
ARCO_CLUSTER2 (14, 46)	0.000000	11.83200
ARCO_CLUSTER2 (14, 47)	0.000000	14.15200
ARCO_CLUSTER2 (14, 48)	0.000000	22.04000
ARCO_CLUSTER2 (14, 49)	0.000000	30.39200
ARCO_CLUSTER2 (14, 50)	1.000000	0.8120000
ARCO_CLUSTER2 (14, 51)	0.000000	51.27200
ARCO_CLUSTER2 (15, 1)	0.000000	43.61600
ARCO_CLUSTER2 (15, 2)	0.000000	34.33600
ARCO_CLUSTER2 (15, 3)	0.000000	28.07200
ARCO_CLUSTER2 (15, 4)	0.000000	31.78400
ARCO_CLUSTER2 (15, 5)	0.000000	9.744000
ARCO_CLUSTER2 (15, 6)	0.000000	54.98400
ARCO_CLUSTER2 (15, 7)	0.000000	77.48800
ARCO_CLUSTER2 (15, 8)	0.000000	34.80000
ARCO_CLUSTER2 (15, 9)	0.000000	28.07200
ARCO_CLUSTER2 (15, 10)	0.000000	32.94400
ARCO_CLUSTER2 (15, 11)	0.000000	16.93600
ARCO_CLUSTER2 (15, 12)	0.000000	35.96000
ARCO_CLUSTER2 (15, 13)	0.000000	31.08800
ARCO_CLUSTER2 (15, 14)	0.000000	27.37600
ARCO_CLUSTER2 (15, 15)	0.000000	0.000000
ARCO_CLUSTER2 (15, 16)	0.000000	22.27200
ARCO_CLUSTER2 (15, 17)	0.000000	26.44800
ARCO_CLUSTER2 (15, 18)	0.000000	30.39200
ARCO_CLUSTER2 (15, 19)	0.000000	13.68800
ARCO_CLUSTER2 (15, 20)	0.000000	23.89600
ARCO_CLUSTER2 (15, 21)	1.000000	3.248000
ARCO_CLUSTER2 (15, 22)	0.000000	54.52000
ARCO_CLUSTER2 (15, 23)	0.000000	11.13600
ARCO_CLUSTER2 (15, 24)	0.000000	20.18400
ARCO_CLUSTER2 (15, 25)	0.000000	29.23200
ARCO_CLUSTER2 (15, 26)	0.000000	32.71200
ARCO_CLUSTER2 (15, 27)	0.000000	4.640000
ARCO_CLUSTER2 (15, 28)	0.000000	22.27200
ARCO_CLUSTER2 (15, 29)	0.000000	57.30400
ARCO_CLUSTER2 (15, 30)	0.000000	25.52000
ARCO_CLUSTER2 (15, 31)	0.000000	11.13600
ARCO_CLUSTER2 (15, 32)	0.000000	17.40000
ARCO_CLUSTER2 (15, 33)	0.000000	22.27200
ARCO_CLUSTER2 (15, 34)	0.000000	34.10400
ARCO_CLUSTER2 (15, 35)	0.000000	37.58400
ARCO_CLUSTER2 (15, 36)	0.000000	25.52000
ARCO_CLUSTER2 (15, 37)	0.000000	6.496000
ARCO_CLUSTER2 (15, 38)	0.000000	20.41600
ARCO_CLUSTER2 (15, 39)	0.000000	30.16000

ARCO_CLUSTER2 (15, 40)	0.000000	29.23200
ARCO_CLUSTER2 (15, 41)	0.000000	30.16000
ARCO_CLUSTER2 (15, 42)	0.000000	30.39200
ARCO_CLUSTER2 (15, 43)	0.000000	28.07200
ARCO_CLUSTER2 (15, 44)	0.000000	59.16000
ARCO_CLUSTER2 (15, 45)	0.000000	15.08000
ARCO_CLUSTER2 (15, 46)	0.000000	26.44800
ARCO_CLUSTER2 (15, 47)	0.000000	38.28000
ARCO_CLUSTER2 (15, 48)	0.000000	20.18400
ARCO_CLUSTER2 (15, 49)	0.000000	19.25600
ARCO_CLUSTER2 (15, 50)	0.000000	26.21600
ARCO_CLUSTER2 (15, 51)	0.000000	33.64000
ARCO_CLUSTER2 (16, 1)	0.000000	65.42400
ARCO_CLUSTER2 (16, 2)	0.000000	56.14400
ARCO_CLUSTER2 (16, 3)	0.000000	49.88000
ARCO_CLUSTER2 (16, 4)	0.000000	53.59200
ARCO_CLUSTER2 (16, 5)	0.000000	15.31200
ARCO_CLUSTER2 (16, 6)	0.000000	72.15200
ARCO_CLUSTER2 (16, 7)	0.000000	94.65600
ARCO_CLUSTER2 (16, 8)	0.000000	56.60800
ARCO_CLUSTER2 (16, 9)	0.000000	45.24000
ARCO_CLUSTER2 (16, 10)	0.000000	45.70400
ARCO_CLUSTER2 (16, 11)	0.000000	34.10400
ARCO_CLUSTER2 (16, 12)	0.000000	57.76800
ARCO_CLUSTER2 (16, 13)	0.000000	53.12800
ARCO_CLUSTER2 (16, 14)	0.000000	49.41600
ARCO_CLUSTER2 (16, 15)	0.000000	23.43200
ARCO_CLUSTER2 (16, 16)	0.000000	0.000000
ARCO_CLUSTER2 (16, 17)	0.000000	48.25600
ARCO_CLUSTER2 (16, 18)	0.000000	52.20000
ARCO_CLUSTER2 (16, 19)	0.000000	33.17600
ARCO_CLUSTER2 (16, 20)	0.000000	45.70400
ARCO_CLUSTER2 (16, 21)	0.000000	25.28800
ARCO_CLUSTER2 (16, 22)	1.000000	32.01600
ARCO_CLUSTER2 (16, 23)	0.000000	30.85600
ARCO_CLUSTER2 (16, 24)	0.000000	41.99200
ARCO_CLUSTER2 (16, 25)	0.000000	51.04000
ARCO_CLUSTER2 (16, 26)	0.000000	54.52000
ARCO_CLUSTER2 (16, 27)	0.000000	20.18400
ARCO_CLUSTER2 (16, 28)	0.000000	44.08000
ARCO_CLUSTER2 (16, 29)	0.000000	74.24000
ARCO_CLUSTER2 (16, 30)	0.000000	42.68800
ARCO_CLUSTER2 (16, 31)	0.000000	12.06400
ARCO_CLUSTER2 (16, 32)	0.000000	30.62400
ARCO_CLUSTER2 (16, 33)	0.000000	44.08000
ARCO_CLUSTER2 (16, 34)	0.000000	56.14400
ARCO_CLUSTER2 (16, 35)	0.000000	59.39200
ARCO_CLUSTER2 (16, 36)	0.000000	47.32800
ARCO_CLUSTER2 (16, 37)	0.000000	26.91200
ARCO_CLUSTER2 (16, 38)	0.000000	37.58400
ARCO_CLUSTER2 (16, 39)	0.000000	47.09600
ARCO_CLUSTER2 (16, 40)	0.000000	51.04000
ARCO_CLUSTER2 (16, 41)	0.000000	47.32800
ARCO_CLUSTER2 (16, 42)	0.000000	47.56000
ARCO_CLUSTER2 (16, 43)	0.000000	45.24000
ARCO_CLUSTER2 (16, 44)	0.000000	76.32800
ARCO_CLUSTER2 (16, 45)	0.000000	36.88800
ARCO_CLUSTER2 (16, 46)	0.000000	48.25600
ARCO_CLUSTER2 (16, 47)	0.000000	60.32000
ARCO_CLUSTER2 (16, 48)	0.000000	41.99200
ARCO_CLUSTER2 (16, 49)	0.000000	41.06400
ARCO_CLUSTER2 (16, 50)	0.000000	48.25600
ARCO_CLUSTER2 (16, 51)	0.000000	50.80800
ARCO_CLUSTER2 (17, 1)	0.000000	20.88000
ARCO_CLUSTER2 (17, 2)	0.000000	11.60000
ARCO_CLUSTER2 (17, 3)	0.000000	29.00000
ARCO_CLUSTER2 (17, 4)	0.000000	9.048000
ARCO_CLUSTER2 (17, 5)	0.000000	32.48000
ARCO_CLUSTER2 (17, 6)	0.000000	71.22400
ARCO_CLUSTER2 (17, 7)	0.000000	93.72800
ARCO_CLUSTER2 (17, 8)	0.000000	12.76000

ARCO_CLUSTER2 (17, 9)	0.000000	37.35200
ARCO_CLUSTER2 (17, 10)	0.000000	33.40800
ARCO_CLUSTER2 (17, 11)	0.000000	33.17600
ARCO_CLUSTER2 (17, 12)	0.000000	14.38400
ARCO_CLUSTER2 (17, 13)	0.000000	12.52800
ARCO_CLUSTER2 (17, 14)	1.000000	3.480000
ARCO_CLUSTER2 (17, 15)	0.000000	22.50400
ARCO_CLUSTER2 (17, 16)	0.000000	55.68000
ARCO_CLUSTER2 (17, 17)	0.000000	0.000000
ARCO_CLUSTER2 (17, 18)	0.000000	7.656000
ARCO_CLUSTER2 (17, 19)	0.000000	16.70400
ARCO_CLUSTER2 (17, 20)	0.000000	10.44000
ARCO_CLUSTER2 (17, 21)	0.000000	21.80800
ARCO_CLUSTER2 (17, 22)	0.000000	88.16000
ARCO_CLUSTER2 (17, 23)	0.000000	16.93600
ARCO_CLUSTER2 (17, 24)	0.000000	20.88000
ARCO_CLUSTER2 (17, 25)	0.000000	19.02400
ARCO_CLUSTER2 (17, 26)	0.000000	9.976000
ARCO_CLUSTER2 (17, 27)	0.000000	27.37600
ARCO_CLUSTER2 (17, 28)	0.000000	22.96800
ARCO_CLUSTER2 (17, 29)	0.000000	73.77600
ARCO_CLUSTER2 (17, 30)	0.000000	35.26400
ARCO_CLUSTER2 (17, 31)	0.000000	34.10400
ARCO_CLUSTER2 (17, 32)	0.000000	26.91200
ARCO_CLUSTER2 (17, 33)	0.000000	22.96800
ARCO_CLUSTER2 (17, 34)	0.000000	8.816000
ARCO_CLUSTER2 (17, 35)	0.000000	13.45600
ARCO_CLUSTER2 (17, 36)	0.000000	13.22400
ARCO_CLUSTER2 (17, 37)	0.000000	22.73600
ARCO_CLUSTER2 (17, 38)	0.000000	37.12000
ARCO_CLUSTER2 (17, 39)	0.000000	35.26400
ARCO_CLUSTER2 (17, 40)	0.000000	29.92800
ARCO_CLUSTER2 (17, 41)	0.000000	38.51200
ARCO_CLUSTER2 (17, 42)	0.000000	47.09600
ARCO_CLUSTER2 (17, 43)	0.000000	44.54400
ARCO_CLUSTER2 (17, 44)	0.000000	75.63200
ARCO_CLUSTER2 (17, 45)	0.000000	15.54400
ARCO_CLUSTER2 (17, 46)	0.000000	14.15200
ARCO_CLUSTER2 (17, 47)	0.000000	16.70400
ARCO_CLUSTER2 (17, 48)	0.000000	20.88000
ARCO_CLUSTER2 (17, 49)	0.000000	29.46400
ARCO_CLUSTER2 (17, 50)	0.000000	3.712000
ARCO_CLUSTER2 (17, 51)	0.000000	50.34400
ARCO_CLUSTER2 (18, 1)	1.000000	11.83200
ARCO_CLUSTER2 (18, 2)	0.000000	10.90400
ARCO_CLUSTER2 (18, 3)	0.000000	35.72800
ARCO_CLUSTER2 (18, 4)	0.000000	3.016000
ARCO_CLUSTER2 (18, 5)	0.000000	39.44000
ARCO_CLUSTER2 (18, 6)	0.000000	78.41600
ARCO_CLUSTER2 (18, 7)	0.000000	100.9200
ARCO_CLUSTER2 (18, 8)	0.000000	12.76000
ARCO_CLUSTER2 (18, 9)	0.000000	44.54400
ARCO_CLUSTER2 (18, 10)	0.000000	40.60000
ARCO_CLUSTER2 (18, 11)	0.000000	40.60000
ARCO_CLUSTER2 (18, 12)	0.000000	12.99200
ARCO_CLUSTER2 (18, 13)	0.000000	12.52800
ARCO_CLUSTER2 (18, 14)	0.000000	6.264000
ARCO_CLUSTER2 (18, 15)	0.000000	29.92800
ARCO_CLUSTER2 (18, 16)	0.000000	63.10400
ARCO_CLUSTER2 (18, 17)	0.000000	8.816000
ARCO_CLUSTER2 (18, 18)	0.000000	0.000000
ARCO_CLUSTER2 (18, 19)	0.000000	24.12800
ARCO_CLUSTER2 (18, 20)	0.000000	15.54400
ARCO_CLUSTER2 (18, 21)	0.000000	29.69600
ARCO_CLUSTER2 (18, 22)	0.000000	95.12000
ARCO_CLUSTER2 (18, 23)	0.000000	23.66400
ARCO_CLUSTER2 (18, 24)	0.000000	27.84000
ARCO_CLUSTER2 (18, 25)	0.000000	16.24000
ARCO_CLUSTER2 (18, 26)	0.000000	3.944000
ARCO_CLUSTER2 (18, 27)	0.000000	34.33600
ARCO_CLUSTER2 (18, 28)	0.000000	29.92800

ARCO_CLUSTER2 (18, 29)	0.000000	80.73600
ARCO_CLUSTER2 (18, 30)	0.000000	42.22400
ARCO_CLUSTER2 (18, 31)	0.000000	41.06400
ARCO_CLUSTER2 (18, 32)	0.000000	33.87200
ARCO_CLUSTER2 (18, 33)	0.000000	17.86400
ARCO_CLUSTER2 (18, 34)	0.000000	5.568000
ARCO_CLUSTER2 (18, 35)	0.000000	9.744000
ARCO_CLUSTER2 (18, 36)	0.000000	13.22400
ARCO_CLUSTER2 (18, 37)	0.000000	29.69600
ARCO_CLUSTER2 (18, 38)	0.000000	44.08000
ARCO_CLUSTER2 (18, 39)	0.000000	42.22400
ARCO_CLUSTER2 (18, 40)	0.000000	36.88800
ARCO_CLUSTER2 (18, 41)	0.000000	45.47200
ARCO_CLUSTER2 (18, 42)	0.000000	54.05600
ARCO_CLUSTER2 (18, 43)	0.000000	51.50400
ARCO_CLUSTER2 (18, 44)	0.000000	82.59200
ARCO_CLUSTER2 (18, 45)	0.000000	22.50400
ARCO_CLUSTER2 (18, 46)	0.000000	14.15200
ARCO_CLUSTER2 (18, 47)	0.000000	12.99200
ARCO_CLUSTER2 (18, 48)	0.000000	27.84000
ARCO_CLUSTER2 (18, 49)	0.000000	36.42400
ARCO_CLUSTER2 (18, 50)	0.000000	6.496000
ARCO_CLUSTER2 (18, 51)	0.000000	57.07200
ARCO_CLUSTER2 (19, 1)	0.000000	36.42400
ARCO_CLUSTER2 (19, 2)	0.000000	26.21600
ARCO_CLUSTER2 (19, 3)	0.000000	27.60800
ARCO_CLUSTER2 (19, 4)	0.000000	24.59200
ARCO_CLUSTER2 (19, 5)	0.000000	20.18400
ARCO_CLUSTER2 (19, 6)	0.000000	67.04800
ARCO_CLUSTER2 (19, 7)	0.000000	89.55200
ARCO_CLUSTER2 (19, 8)	0.000000	25.05600
ARCO_CLUSTER2 (19, 9)	0.000000	36.42400
ARCO_CLUSTER2 (19, 10)	0.000000	32.48000
ARCO_CLUSTER2 (19, 11)	0.000000	29.23200
ARCO_CLUSTER2 (19, 12)	0.000000	27.84000
ARCO_CLUSTER2 (19, 13)	0.000000	23.66400
ARCO_CLUSTER2 (19, 14)	0.000000	20.18400
ARCO_CLUSTER2 (19, 15)	0.000000	12.29600
ARCO_CLUSTER2 (19, 16)	0.000000	32.94400
ARCO_CLUSTER2 (19, 17)	0.000000	15.54400
ARCO_CLUSTER2 (19, 18)	0.000000	23.20000
ARCO_CLUSTER2 (19, 19)	0.000000	0.000000
ARCO_CLUSTER2 (19, 20)	0.000000	16.00800
ARCO_CLUSTER2 (19, 21)	0.000000	11.13600
ARCO_CLUSTER2 (19, 22)	0.000000	64.96000
ARCO_CLUSTER2 (19, 23)	0.000000	10.67200
ARCO_CLUSTER2 (19, 24)	0.000000	19.95200
ARCO_CLUSTER2 (19, 25)	0.000000	29.23200
ARCO_CLUSTER2 (19, 26)	0.000000	25.98400
ARCO_CLUSTER2 (19, 27)	0.000000	17.40000
ARCO_CLUSTER2 (19, 28)	0.000000	22.04000
ARCO_CLUSTER2 (19, 29)	0.000000	69.60000
ARCO_CLUSTER2 (19, 30)	0.000000	34.33600
ARCO_CLUSTER2 (19, 31)	0.000000	21.80800
ARCO_CLUSTER2 (19, 32)	1.000000	10.44000
ARCO_CLUSTER2 (19, 33)	0.000000	22.27200
ARCO_CLUSTER2 (19, 34)	0.000000	27.37600
ARCO_CLUSTER2 (19, 35)	0.000000	30.85600
ARCO_CLUSTER2 (19, 36)	0.000000	18.32800
ARCO_CLUSTER2 (19, 37)	0.000000	9.744000
ARCO_CLUSTER2 (19, 38)	0.000000	32.94400
ARCO_CLUSTER2 (19, 39)	0.000000	34.56800
ARCO_CLUSTER2 (19, 40)	0.000000	29.00000
ARCO_CLUSTER2 (19, 41)	0.000000	37.58400
ARCO_CLUSTER2 (19, 42)	0.000000	42.92000
ARCO_CLUSTER2 (19, 43)	0.000000	40.60000
ARCO_CLUSTER2 (19, 44)	0.000000	71.68800
ARCO_CLUSTER2 (19, 45)	0.000000	14.84800
ARCO_CLUSTER2 (19, 46)	0.000000	19.25600
ARCO_CLUSTER2 (19, 47)	0.000000	38.28000
ARCO_CLUSTER2 (19, 48)	0.000000	20.18400

ARCO_CLUSTER2 (19, 49)	0.000000	28.53600
ARCO_CLUSTER2 (19, 50)	0.000000	19.48800
ARCO_CLUSTER2 (19, 51)	0.000000	46.16800
ARCO_CLUSTER2 (20, 1)	0.000000	32.01600
ARCO_CLUSTER2 (20, 2)	0.000000	11.83200
ARCO_CLUSTER2 (20, 3)	0.000000	19.02400
ARCO_CLUSTER2 (20, 4)	0.000000	16.00800
ARCO_CLUSTER2 (20, 5)	0.000000	32.71200
ARCO_CLUSTER2 (20, 6)	0.000000	71.68800
ARCO_CLUSTER2 (20, 7)	0.000000	94.19200
ARCO_CLUSTER2 (20, 8)	0.000000	10.44000
ARCO_CLUSTER2 (20, 9)	0.000000	27.84000
ARCO_CLUSTER2 (20, 10)	0.000000	23.89600
ARCO_CLUSTER2 (20, 11)	0.000000	33.64000
ARCO_CLUSTER2 (20, 12)	0.000000	13.22400
ARCO_CLUSTER2 (20, 13)	0.000000	9.048000
ARCO_CLUSTER2 (20, 14)	0.000000	8.120000
ARCO_CLUSTER2 (20, 15)	0.000000	22.96800
ARCO_CLUSTER2 (20, 16)	0.000000	56.14400
ARCO_CLUSTER2 (20, 17)	0.000000	8.816000
ARCO_CLUSTER2 (20, 18)	0.000000	14.61600
ARCO_CLUSTER2 (20, 19)	0.000000	15.08000
ARCO_CLUSTER2 (20, 20)	0.000000	0.000000
ARCO_CLUSTER2 (20, 21)	0.000000	21.80800
ARCO_CLUSTER2 (20, 22)	0.000000	88.16000
ARCO_CLUSTER2 (20, 23)	0.000000	15.54400
ARCO_CLUSTER2 (20, 24)	0.000000	9.048000
ARCO_CLUSTER2 (20, 25)	0.000000	9.048000
ARCO_CLUSTER2 (20, 26)	0.000000	16.93600
ARCO_CLUSTER2 (20, 27)	0.000000	27.60800
ARCO_CLUSTER2 (20, 28)	0.000000	12.99200
ARCO_CLUSTER2 (20, 29)	0.000000	74.00800
ARCO_CLUSTER2 (20, 30)	0.000000	25.52000
ARCO_CLUSTER2 (20, 31)	0.000000	34.33600
ARCO_CLUSTER2 (20, 32)	0.000000	25.05600
ARCO_CLUSTER2 (20, 33)	0.000000	8.120000
ARCO_CLUSTER2 (20, 34)	0.000000	18.32800
ARCO_CLUSTER2 (20, 35)	0.000000	14.61600
ARCO_CLUSTER2 (20, 36)	1.000000	3.248000
ARCO_CLUSTER2 (20, 37)	0.000000	22.96800
ARCO_CLUSTER2 (20, 38)	0.000000	37.12000
ARCO_CLUSTER2 (20, 39)	0.000000	25.52000
ARCO_CLUSTER2 (20, 40)	0.000000	20.18400
ARCO_CLUSTER2 (20, 41)	0.000000	28.76800
ARCO_CLUSTER2 (20, 42)	0.000000	47.09600
ARCO_CLUSTER2 (20, 43)	0.000000	34.56800
ARCO_CLUSTER2 (20, 44)	0.000000	75.86400
ARCO_CLUSTER2 (20, 45)	0.000000	15.77600
ARCO_CLUSTER2 (20, 46)	0.000000	4.176000
ARCO_CLUSTER2 (20, 47)	0.000000	15.77600
ARCO_CLUSTER2 (20, 48)	0.000000	9.048000
ARCO_CLUSTER2 (20, 49)	0.000000	19.48800
ARCO_CLUSTER2 (20, 50)	0.000000	7.888000
ARCO_CLUSTER2 (20, 51)	0.000000	37.12000
ARCO_CLUSTER2 (21, 1)	0.000000	43.61600
ARCO_CLUSTER2 (21, 2)	0.000000	34.10400
ARCO_CLUSTER2 (21, 3)	0.000000	26.44800
ARCO_CLUSTER2 (21, 4)	0.000000	31.78400
ARCO_CLUSTER2 (21, 5)	0.000000	11.36800
ARCO_CLUSTER2 (21, 6)	0.000000	57.30400
ARCO_CLUSTER2 (21, 7)	0.000000	79.80800
ARCO_CLUSTER2 (21, 8)	0.000000	33.17600
ARCO_CLUSTER2 (21, 9)	0.000000	30.39200
ARCO_CLUSTER2 (21, 10)	0.000000	31.32000
ARCO_CLUSTER2 (21, 11)	0.000000	21.34400
ARCO_CLUSTER2 (21, 12)	0.000000	34.33600
ARCO_CLUSTER2 (21, 13)	0.000000	31.08800
ARCO_CLUSTER2 (21, 14)	0.000000	25.98400
ARCO_CLUSTER2 (21, 15)	0.000000	1.856000
ARCO_CLUSTER2 (21, 16)	0.000000	24.12800
ARCO_CLUSTER2 (21, 17)	0.000000	26.44800

ARCO_CLUSTER2 (21, 18)	0.000000	30.16000
ARCO_CLUSTER2 (21, 19)	0.000000	10.20800
ARCO_CLUSTER2 (21, 20)	0.000000	22.96800
ARCO_CLUSTER2 (21, 21)	0.000000	0.000000
ARCO_CLUSTER2 (21, 22)	0.000000	56.14400
ARCO_CLUSTER2 (21, 23)	0.000000	7.888000
ARCO_CLUSTER2 (21, 24)	0.000000	18.56000
ARCO_CLUSTER2 (21, 25)	0.000000	27.60800
ARCO_CLUSTER2 (21, 26)	0.000000	32.48000
ARCO_CLUSTER2 (21, 27)	0.000000	6.264000
ARCO_CLUSTER2 (21, 28)	0.000000	20.64800
ARCO_CLUSTER2 (21, 29)	0.000000	59.62400
ARCO_CLUSTER2 (21, 30)	0.000000	27.84000
ARCO_CLUSTER2 (21, 31)	0.000000	12.99200
ARCO_CLUSTER2 (21, 32)	0.000000	15.77600
ARCO_CLUSTER2 (21, 33)	0.000000	20.64800
ARCO_CLUSTER2 (21, 34)	0.000000	34.10400
ARCO_CLUSTER2 (21, 35)	0.000000	37.58400
ARCO_CLUSTER2 (21, 36)	0.000000	25.28800
ARCO_CLUSTER2 (21, 37)	1.000000	3.016000
ARCO_CLUSTER2 (21, 38)	0.000000	22.73600
ARCO_CLUSTER2 (21, 39)	0.000000	32.24800
ARCO_CLUSTER2 (21, 40)	0.000000	27.60800
ARCO_CLUSTER2 (21, 41)	0.000000	32.48000
ARCO_CLUSTER2 (21, 42)	0.000000	32.71200
ARCO_CLUSTER2 (21, 43)	0.000000	30.39200
ARCO_CLUSTER2 (21, 44)	0.000000	61.48000
ARCO_CLUSTER2 (21, 45)	0.000000	13.45600
ARCO_CLUSTER2 (21, 46)	0.000000	26.21600
ARCO_CLUSTER2 (21, 47)	0.000000	36.65600
ARCO_CLUSTER2 (21, 48)	0.000000	18.56000
ARCO_CLUSTER2 (21, 49)	0.000000	19.25600
ARCO_CLUSTER2 (21, 50)	0.000000	26.21600
ARCO_CLUSTER2 (21, 51)	0.000000	35.96000
ARCO_CLUSTER2 (22, 1)	0.000000	98.36800
ARCO_CLUSTER2 (22, 2)	0.000000	88.85600
ARCO_CLUSTER2 (22, 3)	0.000000	82.82400
ARCO_CLUSTER2 (22, 4)	0.000000	86.53600
ARCO_CLUSTER2 (22, 5)	0.000000	48.02400
ARCO_CLUSTER2 (22, 6)	0.000000	104.8640
ARCO_CLUSTER2 (22, 7)	0.000000	127.3680
ARCO_CLUSTER2 (22, 8)	0.000000	89.32000
ARCO_CLUSTER2 (22, 9)	0.000000	77.95200
ARCO_CLUSTER2 (22, 10)	0.000000	88.27200
ARCO_CLUSTER2 (22, 11)	0.000000	67.04800
ARCO_CLUSTER2 (22, 12)	0.000000	87.92800
ARCO_CLUSTER2 (22, 13)	0.000000	85.84000
ARCO_CLUSTER2 (22, 14)	0.000000	80.73600
ARCO_CLUSTER2 (22, 15)	0.000000	56.14400
ARCO_CLUSTER2 (22, 16)	0.000000	40.60000
ARCO_CLUSTER2 (22, 17)	0.000000	81.20000
ARCO_CLUSTER2 (22, 18)	0.000000	84.91200
ARCO_CLUSTER2 (22, 19)	0.000000	65.88800
ARCO_CLUSTER2 (22, 20)	0.000000	77.72000
ARCO_CLUSTER2 (22, 21)	0.000000	58.23200
ARCO_CLUSTER2 (22, 22)	0.000000	0.000000
ARCO_CLUSTER2 (22, 23)	0.000000	63.80000
ARCO_CLUSTER2 (22, 24)	0.000000	74.70400
ARCO_CLUSTER2 (22, 25)	0.000000	83.98400
ARCO_CLUSTER2 (22, 26)	0.000000	87.23200
ARCO_CLUSTER2 (22, 27)	0.000000	52.89600
ARCO_CLUSTER2 (22, 28)	0.000000	76.79200
ARCO_CLUSTER2 (22, 29)	0.000000	107.1840
ARCO_CLUSTER2 (22, 30)	0.000000	75.40000
ARCO_CLUSTER2 (22, 31)	1.000000	45.00800
ARCO_CLUSTER2 (22, 32)	0.000000	63.56800
ARCO_CLUSTER2 (22, 33)	0.000000	77.02400
ARCO_CLUSTER2 (22, 34)	0.000000	88.85600
ARCO_CLUSTER2 (22, 35)	0.000000	92.33600
ARCO_CLUSTER2 (22, 36)	0.000000	80.04000
ARCO_CLUSTER2 (22, 37)	0.000000	59.62400

ARCO_CLUSTER2 (22, 38)	0.000000	70.29600
ARCO_CLUSTER2 (22, 39)	0.000000	80.04000
ARCO_CLUSTER2 (22, 40)	0.000000	83.75200
ARCO_CLUSTER2 (22, 41)	0.000000	80.04000
ARCO_CLUSTER2 (22, 42)	0.000000	80.27200
ARCO_CLUSTER2 (22, 43)	0.000000	77.95200
ARCO_CLUSTER2 (22, 44)	0.000000	109.0400
ARCO_CLUSTER2 (22, 45)	0.000000	69.60000
ARCO_CLUSTER2 (22, 46)	0.000000	80.96800
ARCO_CLUSTER2 (22, 47)	0.000000	93.03200
ARCO_CLUSTER2 (22, 48)	0.000000	74.93600
ARCO_CLUSTER2 (22, 49)	0.000000	74.00800
ARCO_CLUSTER2 (22, 50)	0.000000	80.96800
ARCO_CLUSTER2 (22, 51)	0.000000	83.52000
ARCO_CLUSTER2 (23, 1)	0.000000	36.88800
ARCO_CLUSTER2 (23, 2)	0.000000	25.75200
ARCO_CLUSTER2 (23, 3)	0.000000	19.72000
ARCO_CLUSTER2 (23, 4)	0.000000	25.05600
ARCO_CLUSTER2 (23, 5)	0.000000	17.16800
ARCO_CLUSTER2 (23, 6)	0.000000	59.39200
ARCO_CLUSTER2 (23, 7)	0.000000	81.66400
ARCO_CLUSTER2 (23, 8)	0.000000	26.44800
ARCO_CLUSTER2 (23, 9)	0.000000	28.53600
ARCO_CLUSTER2 (23, 10)	0.000000	24.82400
ARCO_CLUSTER2 (23, 11)	0.000000	23.43200
ARCO_CLUSTER2 (23, 12)	0.000000	27.60800
ARCO_CLUSTER2 (23, 13)	0.000000	27.60800
ARCO_CLUSTER2 (23, 14)	0.000000	19.48800
ARCO_CLUSTER2 (23, 15)	0.000000	9.512000
ARCO_CLUSTER2 (23, 16)	0.000000	43.84800
ARCO_CLUSTER2 (23, 17)	0.000000	19.72000
ARCO_CLUSTER2 (23, 18)	0.000000	23.66400
ARCO_CLUSTER2 (23, 19)	0.000000	9.976000
ARCO_CLUSTER2 (23, 20)	0.000000	16.47200
ARCO_CLUSTER2 (23, 21)	0.000000	7.888000
ARCO_CLUSTER2 (23, 22)	0.000000	75.86400
ARCO_CLUSTER2 (23, 23)	0.000000	0.000000
ARCO_CLUSTER2 (23, 24)	0.000000	11.83200
ARCO_CLUSTER2 (23, 25)	0.000000	20.88000
ARCO_CLUSTER2 (23, 26)	0.000000	25.98400
ARCO_CLUSTER2 (23, 27)	0.000000	14.15200
ARCO_CLUSTER2 (23, 28)	0.000000	13.92000
ARCO_CLUSTER2 (23, 29)	0.000000	61.48000
ARCO_CLUSTER2 (23, 30)	0.000000	26.21600
ARCO_CLUSTER2 (23, 31)	0.000000	18.79200
ARCO_CLUSTER2 (23, 32)	0.000000	16.00800
ARCO_CLUSTER2 (23, 33)	0.000000	13.92000
ARCO_CLUSTER2 (23, 34)	0.000000	27.37600
ARCO_CLUSTER2 (23, 35)	0.000000	32.94400
ARCO_CLUSTER2 (23, 36)	0.000000	17.16800
ARCO_CLUSTER2 (23, 37)	0.000000	6.496000
ARCO_CLUSTER2 (23, 38)	0.000000	24.82400
ARCO_CLUSTER2 (23, 39)	0.000000	26.21600
ARCO_CLUSTER2 (23, 40)	0.000000	20.88000
ARCO_CLUSTER2 (23, 41)	0.000000	29.46400
ARCO_CLUSTER2 (23, 42)	0.000000	34.80000
ARCO_CLUSTER2 (23, 43)	0.000000	32.24800
ARCO_CLUSTER2 (23, 44)	0.000000	63.33600
ARCO_CLUSTER2 (23, 45)	1.000000	6.728000
ARCO_CLUSTER2 (23, 46)	0.000000	18.32800
ARCO_CLUSTER2 (23, 47)	0.000000	30.16000
ARCO_CLUSTER2 (23, 48)	0.000000	11.83200
ARCO_CLUSTER2 (23, 49)	0.000000	20.41600
ARCO_CLUSTER2 (23, 50)	0.000000	19.48800
ARCO_CLUSTER2 (23, 51)	0.000000	37.81600
ARCO_CLUSTER2 (24, 1)	0.000000	36.88800
ARCO_CLUSTER2 (24, 2)	0.000000	16.24000
ARCO_CLUSTER2 (24, 3)	0.000000	11.60000
ARCO_CLUSTER2 (24, 4)	0.000000	25.05600
ARCO_CLUSTER2 (24, 5)	0.000000	27.14400
ARCO_CLUSTER2 (24, 6)	0.000000	51.73600

ARCO_CLUSTER2 (24, 7)	0.000000	74.24000
ARCO_CLUSTER2 (24, 8)	0.000000	18.09600
ARCO_CLUSTER2 (24, 9)	0.000000	20.41600
ARCO_CLUSTER2 (24, 10)	0.000000	16.47200
ARCO_CLUSTER2 (24, 11)	0.000000	30.39200
ARCO_CLUSTER2 (24, 12)	0.000000	19.48800
ARCO_CLUSTER2 (24, 13)	0.000000	13.68800
ARCO_CLUSTER2 (24, 14)	0.000000	19.25600
ARCO_CLUSTER2 (24, 15)	0.000000	17.63200
ARCO_CLUSTER2 (24, 16)	0.000000	50.80800
ARCO_CLUSTER2 (24, 17)	0.000000	19.72000
ARCO_CLUSTER2 (24, 18)	0.000000	23.43200
ARCO_CLUSTER2 (24, 19)	0.000000	17.86400
ARCO_CLUSTER2 (24, 20)	0.000000	11.60000
ARCO_CLUSTER2 (24, 21)	0.000000	16.47200
ARCO_CLUSTER2 (24, 22)	0.000000	82.82400
ARCO_CLUSTER2 (24, 23)	0.000000	11.13600
ARCO_CLUSTER2 (24, 24)	0.000000	0.000000
ARCO_CLUSTER2 (24, 25)	0.000000	7.424000
ARCO_CLUSTER2 (24, 26)	0.000000	25.75200
ARCO_CLUSTER2 (24, 27)	0.000000	22.04000
ARCO_CLUSTER2 (24, 28)	0.000000	5.336000
ARCO_CLUSTER2 (24, 29)	0.000000	54.05600
ARCO_CLUSTER2 (24, 30)	0.000000	17.86400
ARCO_CLUSTER2 (24, 31)	0.000000	28.76800
ARCO_CLUSTER2 (24, 32)	0.000000	27.60800
ARCO_CLUSTER2 (24, 33)	0.000000	3.944000
ARCO_CLUSTER2 (24, 34)	0.000000	27.37600
ARCO_CLUSTER2 (24, 35)	0.000000	24.59200
ARCO_CLUSTER2 (24, 36)	0.000000	7.656000
ARCO_CLUSTER2 (24, 37)	0.000000	16.24000
ARCO_CLUSTER2 (24, 38)	0.000000	31.78400
ARCO_CLUSTER2 (24, 39)	0.000000	18.09600
ARCO_CLUSTER2 (24, 40)	0.000000	12.52800
ARCO_CLUSTER2 (24, 41)	0.000000	21.11200
ARCO_CLUSTER2 (24, 42)	0.000000	41.76000
ARCO_CLUSTER2 (24, 43)	0.000000	26.91200
ARCO_CLUSTER2 (24, 44)	0.000000	52.20000
ARCO_CLUSTER2 (24, 45)	0.000000	9.512000
ARCO_CLUSTER2 (24, 46)	0.000000	8.816000
ARCO_CLUSTER2 (24, 47)	0.000000	21.80800
ARCO_CLUSTER2 (24, 48)	1.000000	0.2320000
ARCO_CLUSTER2 (24, 49)	0.000000	12.06400
ARCO_CLUSTER2 (24, 50)	0.000000	19.48800
ARCO_CLUSTER2 (24, 51)	0.000000	29.69600
ARCO_CLUSTER2 (25, 1)	0.000000	29.23200
ARCO_CLUSTER2 (25, 2)	0.000000	13.45600
ARCO_CLUSTER2 (25, 3)	0.000000	8.584000
ARCO_CLUSTER2 (25, 4)	0.000000	15.08000
ARCO_CLUSTER2 (25, 5)	0.000000	34.80000
ARCO_CLUSTER2 (25, 6)	0.000000	50.80800
ARCO_CLUSTER2 (25, 7)	0.000000	73.08000
ARCO_CLUSTER2 (25, 8)	0.000000	6.728000
ARCO_CLUSTER2 (25, 9)	0.000000	19.25600
ARCO_CLUSTER2 (25, 10)	0.000000	15.31200
ARCO_CLUSTER2 (25, 11)	0.000000	37.81600
ARCO_CLUSTER2 (25, 12)	0.000000	9.280000
ARCO_CLUSTER2 (25, 13)	1.000000	7.424000
ARCO_CLUSTER2 (25, 14)	0.000000	13.92000
ARCO_CLUSTER2 (25, 15)	0.000000	25.75200
ARCO_CLUSTER2 (25, 16)	0.000000	58.92800
ARCO_CLUSTER2 (25, 17)	0.000000	16.70400
ARCO_CLUSTER2 (25, 18)	0.000000	15.31200
ARCO_CLUSTER2 (25, 19)	0.000000	25.98400
ARCO_CLUSTER2 (25, 20)	0.000000	11.36800
ARCO_CLUSTER2 (25, 21)	0.000000	24.59200
ARCO_CLUSTER2 (25, 22)	0.000000	90.94400
ARCO_CLUSTER2 (25, 23)	0.000000	19.25600
ARCO_CLUSTER2 (25, 24)	0.000000	7.424000
ARCO_CLUSTER2 (25, 25)	0.000000	0.000000
ARCO_CLUSTER2 (25, 26)	0.000000	17.63200

ARCO_CLUSTER2 (25, 27)	0.000000	30.16000
ARCO_CLUSTER2 (25, 28)	0.000000	8.352000
ARCO_CLUSTER2 (25, 29)	0.000000	52.89600
ARCO_CLUSTER2 (25, 30)	0.000000	16.93600
ARCO_CLUSTER2 (25, 31)	0.000000	36.88800
ARCO_CLUSTER2 (25, 32)	0.000000	35.96000
ARCO_CLUSTER2 (25, 33)	0.000000	4.872000
ARCO_CLUSTER2 (25, 34)	0.000000	19.02400
ARCO_CLUSTER2 (25, 35)	0.000000	16.47200
ARCO_CLUSTER2 (25, 36)	0.000000	6.728000
ARCO_CLUSTER2 (25, 37)	0.000000	24.36000
ARCO_CLUSTER2 (25, 38)	0.000000	32.01600
ARCO_CLUSTER2 (25, 39)	0.000000	16.93600
ARCO_CLUSTER2 (25, 40)	0.000000	9.512000
ARCO_CLUSTER2 (25, 41)	0.000000	20.18400
ARCO_CLUSTER2 (25, 42)	0.000000	41.99200
ARCO_CLUSTER2 (25, 43)	0.000000	25.98400
ARCO_CLUSTER2 (25, 44)	0.000000	51.04000
ARCO_CLUSTER2 (25, 45)	0.000000	17.63200
ARCO_CLUSTER2 (25, 46)	0.000000	5.104000
ARCO_CLUSTER2 (25, 47)	0.000000	13.68800
ARCO_CLUSTER2 (25, 48)	0.000000	7.656000
ARCO_CLUSTER2 (25, 49)	0.000000	11.13600
ARCO_CLUSTER2 (25, 50)	0.000000	13.68800
ARCO_CLUSTER2 (25, 51)	0.000000	28.53600
ARCO_CLUSTER2 (26, 1)	0.000000	16.00800
ARCO_CLUSTER2 (26, 2)	0.000000	11.36800
ARCO_CLUSTER2 (26, 3)	0.000000	35.26400
ARCO_CLUSTER2 (26, 4)	0.000000	4.640000
ARCO_CLUSTER2 (26, 5)	0.000000	38.97600
ARCO_CLUSTER2 (26, 6)	0.000000	78.18400
ARCO_CLUSTER2 (26, 7)	0.000000	100.4560
ARCO_CLUSTER2 (26, 8)	0.000000	14.38400
ARCO_CLUSTER2 (26, 9)	0.000000	44.08000
ARCO_CLUSTER2 (26, 10)	0.000000	40.36800
ARCO_CLUSTER2 (26, 11)	0.000000	42.22400
ARCO_CLUSTER2 (26, 12)	0.000000	14.61600
ARCO_CLUSTER2 (26, 13)	0.000000	14.15200
ARCO_CLUSTER2 (26, 14)	0.000000	8.584000
ARCO_CLUSTER2 (26, 15)	0.000000	29.46400
ARCO_CLUSTER2 (26, 16)	0.000000	62.64000
ARCO_CLUSTER2 (26, 17)	0.000000	8.352000
ARCO_CLUSTER2 (26, 18)	0.000000	3.248000
ARCO_CLUSTER2 (26, 19)	0.000000	23.66400
ARCO_CLUSTER2 (26, 20)	0.000000	18.79200
ARCO_CLUSTER2 (26, 21)	0.000000	28.30400
ARCO_CLUSTER2 (26, 22)	0.000000	94.65600
ARCO_CLUSTER2 (26, 23)	0.000000	23.20000
ARCO_CLUSTER2 (26, 24)	0.000000	27.37600
ARCO_CLUSTER2 (26, 25)	0.000000	18.09600
ARCO_CLUSTER2 (26, 26)	0.000000	0.000000
ARCO_CLUSTER2 (26, 27)	0.000000	33.87200
ARCO_CLUSTER2 (26, 28)	0.000000	29.46400
ARCO_CLUSTER2 (26, 29)	0.000000	80.27200
ARCO_CLUSTER2 (26, 30)	0.000000	41.76000
ARCO_CLUSTER2 (26, 31)	0.000000	40.60000
ARCO_CLUSTER2 (26, 32)	0.000000	33.40800
ARCO_CLUSTER2 (26, 33)	0.000000	29.46400
ARCO_CLUSTER2 (26, 34)	1.000000	1.624000
ARCO_CLUSTER2 (26, 35)	0.000000	12.06400
ARCO_CLUSTER2 (26, 36)	0.000000	14.84800
ARCO_CLUSTER2 (26, 37)	0.000000	29.23200
ARCO_CLUSTER2 (26, 38)	0.000000	43.61600
ARCO_CLUSTER2 (26, 39)	0.000000	41.76000
ARCO_CLUSTER2 (26, 40)	0.000000	36.42400
ARCO_CLUSTER2 (26, 41)	0.000000	45.00800
ARCO_CLUSTER2 (26, 42)	0.000000	53.59200
ARCO_CLUSTER2 (26, 43)	0.000000	51.04000
ARCO_CLUSTER2 (26, 44)	0.000000	82.12800
ARCO_CLUSTER2 (26, 45)	0.000000	22.04000
ARCO_CLUSTER2 (26, 46)	0.000000	15.77600

ARCO_CLUSTER2 (26, 47)	0.000000	15.54400
ARCO_CLUSTER2 (26, 48)	0.000000	27.37600
ARCO_CLUSTER2 (26, 49)	0.000000	35.96000
ARCO_CLUSTER2 (26, 50)	0.000000	8.584000
ARCO_CLUSTER2 (26, 51)	0.000000	56.84000
ARCO_CLUSTER2 (27, 1)	0.000000	45.47200
ARCO_CLUSTER2 (27, 2)	0.000000	36.19200
ARCO_CLUSTER2 (27, 3)	0.000000	29.92800
ARCO_CLUSTER2 (27, 4)	0.000000	33.64000
ARCO_CLUSTER2 (27, 5)	0.000000	8.816000
ARCO_CLUSTER2 (27, 6)	0.000000	56.84000
ARCO_CLUSTER2 (27, 7)	0.000000	79.34400
ARCO_CLUSTER2 (27, 8)	0.000000	36.42400
ARCO_CLUSTER2 (27, 9)	0.000000	29.92800
ARCO_CLUSTER2 (27, 10)	0.000000	34.80000
ARCO_CLUSTER2 (27, 11)	0.000000	20.88000
ARCO_CLUSTER2 (27, 12)	0.000000	37.81600
ARCO_CLUSTER2 (27, 13)	0.000000	32.94400
ARCO_CLUSTER2 (27, 14)	0.000000	28.07200
ARCO_CLUSTER2 (27, 15)	1.000000	3.248000
ARCO_CLUSTER2 (27, 16)	0.000000	21.57600
ARCO_CLUSTER2 (27, 17)	0.000000	28.30400
ARCO_CLUSTER2 (27, 18)	0.000000	32.24800
ARCO_CLUSTER2 (27, 19)	0.000000	15.54400
ARCO_CLUSTER2 (27, 20)	0.000000	25.05600
ARCO_CLUSTER2 (27, 21)	0.000000	5.336000
ARCO_CLUSTER2 (27, 22)	0.000000	53.59200
ARCO_CLUSTER2 (27, 23)	0.000000	12.06400
ARCO_CLUSTER2 (27, 24)	0.000000	21.80800
ARCO_CLUSTER2 (27, 25)	0.000000	31.08800
ARCO_CLUSTER2 (27, 26)	0.000000	34.10400
ARCO_CLUSTER2 (27, 27)	0.000000	0.000000
ARCO_CLUSTER2 (27, 28)	0.000000	23.89600
ARCO_CLUSTER2 (27, 29)	0.000000	58.92800
ARCO_CLUSTER2 (27, 30)	0.000000	27.37600
ARCO_CLUSTER2 (27, 31)	0.000000	10.44000
ARCO_CLUSTER2 (27, 32)	0.000000	16.70400
ARCO_CLUSTER2 (27, 33)	0.000000	24.12800
ARCO_CLUSTER2 (27, 34)	0.000000	35.49600
ARCO_CLUSTER2 (27, 35)	0.000000	39.44000
ARCO_CLUSTER2 (27, 36)	0.000000	27.37600
ARCO_CLUSTER2 (27, 37)	0.000000	19.25600
ARCO_CLUSTER2 (27, 38)	0.000000	23.43200
ARCO_CLUSTER2 (27, 39)	0.000000	15.08000
ARCO_CLUSTER2 (27, 40)	0.000000	6.728000
ARCO_CLUSTER2 (27, 41)	0.000000	18.32800
ARCO_CLUSTER2 (27, 42)	0.000000	32.24800
ARCO_CLUSTER2 (27, 43)	0.000000	29.92800
ARCO_CLUSTER2 (27, 44)	0.000000	61.01600
ARCO_CLUSTER2 (27, 45)	0.000000	16.70400
ARCO_CLUSTER2 (27, 46)	0.000000	28.30400
ARCO_CLUSTER2 (27, 47)	0.000000	40.13600
ARCO_CLUSTER2 (27, 48)	0.000000	22.04000
ARCO_CLUSTER2 (27, 49)	0.000000	21.11200
ARCO_CLUSTER2 (27, 50)	0.000000	28.07200
ARCO_CLUSTER2 (27, 51)	0.000000	35.49600
ARCO_CLUSTER2 (28, 1)	0.000000	34.56800
ARCO_CLUSTER2 (28, 2)	0.000000	19.25600
ARCO_CLUSTER2 (28, 3)	0.000000	6.960000
ARCO_CLUSTER2 (28, 4)	0.000000	27.84000
ARCO_CLUSTER2 (28, 5)	0.000000	25.28800
ARCO_CLUSTER2 (28, 6)	0.000000	48.72000
ARCO_CLUSTER2 (28, 7)	0.000000	71.22400
ARCO_CLUSTER2 (28, 8)	0.000000	15.08000
ARCO_CLUSTER2 (28, 9)	0.000000	17.40000
ARCO_CLUSTER2 (28, 10)	0.000000	13.45600
ARCO_CLUSTER2 (28, 11)	0.000000	22.96800
ARCO_CLUSTER2 (28, 12)	0.000000	16.47200
ARCO_CLUSTER2 (28, 13)	0.000000	16.47200
ARCO_CLUSTER2 (28, 14)	0.000000	22.27200
ARCO_CLUSTER2 (28, 15)	0.000000	15.54400

ARCO_CLUSTER2 (28, 16)	0.000000	38.04800
ARCO_CLUSTER2 (28, 17)	0.000000	22.73600
ARCO_CLUSTER2 (28, 18)	0.000000	26.44800
ARCO_CLUSTER2 (28, 19)	0.000000	20.88000
ARCO_CLUSTER2 (28, 20)	0.000000	14.38400
ARCO_CLUSTER2 (28, 21)	0.000000	16.47200
ARCO_CLUSTER2 (28, 22)	0.000000	70.06400
ARCO_CLUSTER2 (28, 23)	0.000000	14.15200
ARCO_CLUSTER2 (28, 24)	0.000000	5.104000
ARCO_CLUSTER2 (28, 25)	0.000000	9.744000
ARCO_CLUSTER2 (28, 26)	0.000000	28.53600
ARCO_CLUSTER2 (28, 27)	0.000000	20.18400
ARCO_CLUSTER2 (28, 28)	0.000000	0.000000
ARCO_CLUSTER2 (28, 29)	0.000000	51.04000
ARCO_CLUSTER2 (28, 30)	0.000000	15.08000
ARCO_CLUSTER2 (28, 31)	0.000000	26.91200
ARCO_CLUSTER2 (28, 32)	0.000000	30.62400
ARCO_CLUSTER2 (28, 33)	0.000000	5.800000
ARCO_CLUSTER2 (28, 34)	0.000000	29.92800
ARCO_CLUSTER2 (28, 35)	0.000000	21.80800
ARCO_CLUSTER2 (28, 36)	0.000000	10.67200
ARCO_CLUSTER2 (28, 37)	0.000000	66.81600
ARCO_CLUSTER2 (28, 38)	0.000000	50.80800
ARCO_CLUSTER2 (28, 39)	0.000000	38.04800
ARCO_CLUSTER2 (28, 40)	0.000000	45.24000
ARCO_CLUSTER2 (28, 41)	0.000000	35.26400
ARCO_CLUSTER2 (28, 42)	0.000000	33.17600
ARCO_CLUSTER2 (28, 43)	0.000000	24.12800
ARCO_CLUSTER2 (28, 44)	0.000000	49.18400
ARCO_CLUSTER2 (28, 45)	0.000000	12.52800
ARCO_CLUSTER2 (28, 46)	0.000000	8.816000
ARCO_CLUSTER2 (28, 47)	0.000000	18.79200
ARCO_CLUSTER2 (28, 48)	0.000000	5.336000
ARCO_CLUSTER2 (28, 49)	1.000000	4.872000
ARCO_CLUSTER2 (28, 50)	0.000000	22.50400
ARCO_CLUSTER2 (28, 51)	0.000000	26.68000
ARCO_CLUSTER2 (29, 1)	0.000000	94.65600
ARCO_CLUSTER2 (29, 2)	0.000000	67.51200
ARCO_CLUSTER2 (29, 3)	0.000000	46.86400
ARCO_CLUSTER2 (29, 4)	0.000000	83.05600
ARCO_CLUSTER2 (29, 5)	0.000000	69.13600
ARCO_CLUSTER2 (29, 6)	0.000000	9.048000
ARCO_CLUSTER2 (29, 7)	0.000000	27.14400
ARCO_CLUSTER2 (29, 8)	0.000000	60.32000
ARCO_CLUSTER2 (29, 9)	0.000000	38.04800
ARCO_CLUSTER2 (29, 10)	0.000000	39.44000
ARCO_CLUSTER2 (29, 11)	0.000000	49.88000
ARCO_CLUSTER2 (29, 12)	0.000000	61.71200
ARCO_CLUSTER2 (29, 13)	0.000000	61.71200
ARCO_CLUSTER2 (29, 14)	0.000000	77.48800
ARCO_CLUSTER2 (29, 15)	0.000000	59.62400
ARCO_CLUSTER2 (29, 16)	0.000000	76.32800
ARCO_CLUSTER2 (29, 17)	0.000000	77.72000
ARCO_CLUSTER2 (29, 18)	0.000000	81.66400
ARCO_CLUSTER2 (29, 19)	0.000000	71.68800
ARCO_CLUSTER2 (29, 20)	0.000000	74.47200
ARCO_CLUSTER2 (29, 21)	0.000000	60.32000
ARCO_CLUSTER2 (29, 22)	0.000000	108.5760
ARCO_CLUSTER2 (29, 23)	0.000000	64.96000
ARCO_CLUSTER2 (29, 24)	0.000000	56.37600
ARCO_CLUSTER2 (29, 25)	0.000000	54.98400
ARCO_CLUSTER2 (29, 26)	0.000000	83.52000
ARCO_CLUSTER2 (29, 27)	0.000000	64.03200
ARCO_CLUSTER2 (29, 28)	0.000000	54.28800
ARCO_CLUSTER2 (29, 29)	0.000000	0.000000
ARCO_CLUSTER2 (29, 30)	0.000000	39.20800
ARCO_CLUSTER2 (29, 31)	0.000000	70.76000
ARCO_CLUSTER2 (29, 32)	0.000000	81.43200
ARCO_CLUSTER2 (29, 33)	0.000000	55.44800
ARCO_CLUSTER2 (29, 34)	0.000000	85.14400
ARCO_CLUSTER2 (29, 35)	0.000000	67.04800

ARCO_CLUSTER2 (29, 36)	0.000000	76.79200
ARCO_CLUSTER2 (29, 37)	0.000000	94.19200
ARCO_CLUSTER2 (29, 38)	0.000000	108.3440
ARCO_CLUSTER2 (29, 39)	0.000000	106.7200
ARCO_CLUSTER2 (29, 40)	0.000000	101.1520
ARCO_CLUSTER2 (29, 41)	0.000000	109.7360
ARCO_CLUSTER2 (29, 42)	0.000000	60.55200
ARCO_CLUSTER2 (29, 43)	0.000000	38.28000
ARCO_CLUSTER2 (29, 44)	1.000000	7.192000
ARCO_CLUSTER2 (29, 45)	0.000000	66.35200
ARCO_CLUSTER2 (29, 46)	0.000000	60.32000
ARCO_CLUSTER2 (29, 47)	0.000000	64.03200
ARCO_CLUSTER2 (29, 48)	0.000000	56.60800
ARCO_CLUSTER2 (29, 49)	0.000000	46.16800
ARCO_CLUSTER2 (29, 50)	0.000000	77.48800
ARCO_CLUSTER2 (29, 51)	0.000000	29.92800
ARCO_CLUSTER2 (30, 1)	0.000000	43.38400
ARCO_CLUSTER2 (30, 2)	0.000000	31.32000
ARCO_CLUSTER2 (30, 3)	0.000000	11.36800
ARCO_CLUSTER2 (30, 4)	0.000000	34.33600
ARCO_CLUSTER2 (30, 5)	0.000000	34.80000
ARCO_CLUSTER2 (30, 6)	0.000000	34.10400
ARCO_CLUSTER2 (30, 7)	0.000000	56.60800
ARCO_CLUSTER2 (30, 8)	0.000000	24.12800
ARCO_CLUSTER2 (30, 9)	1.000000	2.552000
ARCO_CLUSTER2 (30, 10)	0.000000	5.104000
ARCO_CLUSTER2 (30, 11)	0.000000	14.84800
ARCO_CLUSTER2 (30, 12)	0.000000	25.28800
ARCO_CLUSTER2 (30, 13)	0.000000	25.28800
ARCO_CLUSTER2 (30, 14)	0.000000	32.94400
ARCO_CLUSTER2 (30, 15)	0.000000	25.28800
ARCO_CLUSTER2 (30, 16)	0.000000	41.99200
ARCO_CLUSTER2 (30, 17)	0.000000	37.58400
ARCO_CLUSTER2 (30, 18)	0.000000	41.29600
ARCO_CLUSTER2 (30, 19)	0.000000	35.72800
ARCO_CLUSTER2 (30, 20)	0.000000	28.76800
ARCO_CLUSTER2 (30, 21)	0.000000	25.98400
ARCO_CLUSTER2 (30, 22)	0.000000	74.24000
ARCO_CLUSTER2 (30, 23)	0.000000	29.00000
ARCO_CLUSTER2 (30, 24)	0.000000	19.95200
ARCO_CLUSTER2 (30, 25)	0.000000	18.56000
ARCO_CLUSTER2 (30, 26)	0.000000	43.15200
ARCO_CLUSTER2 (30, 27)	0.000000	29.69600
ARCO_CLUSTER2 (30, 28)	0.000000	17.86400
ARCO_CLUSTER2 (30, 29)	0.000000	36.19200
ARCO_CLUSTER2 (30, 30)	0.000000	0.000000
ARCO_CLUSTER2 (30, 31)	0.000000	36.42400
ARCO_CLUSTER2 (30, 32)	0.000000	45.47200
ARCO_CLUSTER2 (30, 33)	0.000000	19.02400
ARCO_CLUSTER2 (30, 34)	0.000000	44.77600
ARCO_CLUSTER2 (30, 35)	0.000000	30.62400
ARCO_CLUSTER2 (30, 36)	0.000000	25.28800
ARCO_CLUSTER2 (30, 37)	0.000000	228.0560
ARCO_CLUSTER2 (30, 38)	0.000000	241.2800
ARCO_CLUSTER2 (30, 39)	0.000000	241.2800
ARCO_CLUSTER2 (30, 40)	0.000000	234.3200
ARCO_CLUSTER2 (30, 41)	0.000000	243.6000
ARCO_CLUSTER2 (30, 42)	0.000000	25.52000
ARCO_CLUSTER2 (30, 43)	0.000000	7.424000
ARCO_CLUSTER2 (30, 44)	0.000000	34.56800
ARCO_CLUSTER2 (30, 45)	0.000000	27.37600
ARCO_CLUSTER2 (30, 46)	0.000000	24.12800
ARCO_CLUSTER2 (30, 47)	0.000000	27.84000
ARCO_CLUSTER2 (30, 48)	0.000000	20.18400
ARCO_CLUSTER2 (30, 49)	0.000000	8.352000
ARCO_CLUSTER2 (30, 50)	0.000000	32.71200
ARCO_CLUSTER2 (30, 51)	0.000000	11.83200
ARCO_CLUSTER2 (31, 1)	0.000000	55.68000
ARCO_CLUSTER2 (31, 2)	0.000000	46.16800
ARCO_CLUSTER2 (31, 3)	0.000000	40.13600
ARCO_CLUSTER2 (31, 4)	0.000000	43.84800

ARCO_CLUSTER2 (31, 5)	1.000000	5.336000
ARCO_CLUSTER2 (31, 6)	0.000000	67.04800
ARCO_CLUSTER2 (31, 7)	0.000000	89.32000
ARCO_CLUSTER2 (31, 8)	0.000000	46.63200
ARCO_CLUSTER2 (31, 9)	0.000000	39.90400
ARCO_CLUSTER2 (31, 10)	0.000000	45.00800
ARCO_CLUSTER2 (31, 11)	0.000000	31.08800
ARCO_CLUSTER2 (31, 12)	0.000000	48.02400
ARCO_CLUSTER2 (31, 13)	0.000000	43.15200
ARCO_CLUSTER2 (31, 14)	0.000000	39.44000
ARCO_CLUSTER2 (31, 15)	0.000000	13.45600
ARCO_CLUSTER2 (31, 16)	0.000000	11.13600
ARCO_CLUSTER2 (31, 17)	0.000000	38.51200
ARCO_CLUSTER2 (31, 18)	0.000000	42.45600
ARCO_CLUSTER2 (31, 19)	0.000000	23.43200
ARCO_CLUSTER2 (31, 20)	0.000000	35.26400
ARCO_CLUSTER2 (31, 21)	0.000000	15.54400
ARCO_CLUSTER2 (31, 22)	0.000000	43.15200
ARCO_CLUSTER2 (31, 23)	0.000000	21.11200
ARCO_CLUSTER2 (31, 24)	0.000000	32.01600
ARCO_CLUSTER2 (31, 25)	0.000000	41.29600
ARCO_CLUSTER2 (31, 26)	0.000000	44.31200
ARCO_CLUSTER2 (31, 27)	0.000000	10.20800
ARCO_CLUSTER2 (31, 28)	0.000000	34.10400
ARCO_CLUSTER2 (31, 29)	0.000000	69.13600
ARCO_CLUSTER2 (31, 30)	0.000000	37.58400
ARCO_CLUSTER2 (31, 31)	0.000000	0.000000
ARCO_CLUSTER2 (31, 32)	0.000000	20.88000
ARCO_CLUSTER2 (31, 33)	0.000000	34.33600
ARCO_CLUSTER2 (31, 34)	0.000000	44.31200
ARCO_CLUSTER2 (31, 35)	0.000000	49.64800
ARCO_CLUSTER2 (31, 36)	0.000000	37.35200
ARCO_CLUSTER2 (31, 37)	0.000000	44.77600
ARCO_CLUSTER2 (31, 38)	0.000000	58.92800
ARCO_CLUSTER2 (31, 39)	0.000000	37.81600
ARCO_CLUSTER2 (31, 40)	0.000000	31.78400
ARCO_CLUSTER2 (31, 41)	0.000000	40.83200
ARCO_CLUSTER2 (31, 42)	0.000000	42.45600
ARCO_CLUSTER2 (31, 43)	0.000000	39.90400
ARCO_CLUSTER2 (31, 44)	0.000000	70.99200
ARCO_CLUSTER2 (31, 45)	0.000000	26.91200
ARCO_CLUSTER2 (31, 46)	0.000000	38.28000
ARCO_CLUSTER2 (31, 47)	0.000000	50.34400
ARCO_CLUSTER2 (31, 48)	0.000000	32.24800
ARCO_CLUSTER2 (31, 49)	0.000000	31.32000
ARCO_CLUSTER2 (31, 50)	0.000000	38.28000
ARCO_CLUSTER2 (31, 51)	0.000000	45.70400
ARCO_CLUSTER2 (32, 1)	0.000000	45.24000
ARCO_CLUSTER2 (32, 2)	0.000000	35.03200
ARCO_CLUSTER2 (32, 3)	0.000000	34.33600
ARCO_CLUSTER2 (32, 4)	0.000000	33.40800
ARCO_CLUSTER2 (32, 5)	0.000000	17.16800
ARCO_CLUSTER2 (32, 6)	0.000000	70.52800
ARCO_CLUSTER2 (32, 7)	0.000000	93.03200
ARCO_CLUSTER2 (32, 8)	0.000000	40.83200
ARCO_CLUSTER2 (32, 9)	0.000000	43.61600
ARCO_CLUSTER2 (32, 10)	0.000000	39.20800
ARCO_CLUSTER2 (32, 11)	0.000000	34.56800
ARCO_CLUSTER2 (32, 12)	0.000000	42.22400
ARCO_CLUSTER2 (32, 13)	0.000000	32.48000
ARCO_CLUSTER2 (32, 14)	0.000000	29.23200
ARCO_CLUSTER2 (32, 15)	0.000000	16.70400
ARCO_CLUSTER2 (32, 16)	0.000000	29.69600
ARCO_CLUSTER2 (32, 17)	0.000000	24.59200
ARCO_CLUSTER2 (32, 18)	0.000000	32.01600
ARCO_CLUSTER2 (32, 19)	0.000000	9.744000
ARCO_CLUSTER2 (32, 20)	0.000000	24.36000
ARCO_CLUSTER2 (32, 21)	0.000000	14.84800
ARCO_CLUSTER2 (32, 22)	0.000000	61.94400
ARCO_CLUSTER2 (32, 23)	1.000000	15.54400
ARCO_CLUSTER2 (32, 24)	0.000000	26.21600

ARCO_CLUSTER2 (32, 25)	0.000000	35.49600
ARCO_CLUSTER2 (32, 26)	0.000000	33.87200
ARCO_CLUSTER2 (32, 27)	0.000000	16.93600
ARCO_CLUSTER2 (32, 28)	0.000000	28.30400
ARCO_CLUSTER2 (32, 29)	0.000000	72.84800
ARCO_CLUSTER2 (32, 30)	0.000000	40.60000
ARCO_CLUSTER2 (32, 31)	0.000000	18.56000
ARCO_CLUSTER2 (32, 32)	0.000000	0.000000
ARCO_CLUSTER2 (32, 33)	0.000000	28.53600
ARCO_CLUSTER2 (32, 34)	0.000000	35.49600
ARCO_CLUSTER2 (32, 35)	0.000000	39.20800
ARCO_CLUSTER2 (32, 36)	0.000000	26.68000
ARCO_CLUSTER2 (32, 37)	0.000000	49.18400
ARCO_CLUSTER2 (32, 38)	0.000000	33.17600
ARCO_CLUSTER2 (32, 39)	0.000000	16.47200
ARCO_CLUSTER2 (32, 40)	0.000000	22.73600
ARCO_CLUSTER2 (32, 41)	0.000000	14.38400
ARCO_CLUSTER2 (32, 42)	0.000000	45.93600
ARCO_CLUSTER2 (32, 43)	0.000000	43.61600
ARCO_CLUSTER2 (32, 44)	0.000000	74.70400
ARCO_CLUSTER2 (32, 45)	0.000000	21.11200
ARCO_CLUSTER2 (32, 46)	0.000000	27.60800
ARCO_CLUSTER2 (32, 47)	0.000000	44.54400
ARCO_CLUSTER2 (32, 48)	0.000000	26.44800
ARCO_CLUSTER2 (32, 49)	0.000000	34.80000
ARCO_CLUSTER2 (32, 50)	0.000000	28.07200
ARCO_CLUSTER2 (32, 51)	0.000000	49.18400
ARCO_CLUSTER2 (33, 1)	0.000000	39.90400
ARCO_CLUSTER2 (33, 2)	0.000000	14.38400
ARCO_CLUSTER2 (33, 3)	0.000000	10.20800
ARCO_CLUSTER2 (33, 4)	0.000000	16.24000
ARCO_CLUSTER2 (33, 5)	0.000000	30.16000
ARCO_CLUSTER2 (33, 6)	0.000000	50.57600
ARCO_CLUSTER2 (33, 7)	0.000000	72.84800
ARCO_CLUSTER2 (33, 8)	0.000000	9.280000
ARCO_CLUSTER2 (33, 9)	0.000000	19.02400
ARCO_CLUSTER2 (33, 10)	0.000000	15.31200
ARCO_CLUSTER2 (33, 11)	0.000000	33.40800
ARCO_CLUSTER2 (33, 12)	0.000000	11.60000
ARCO_CLUSTER2 (33, 13)	0.000000	8.584000
ARCO_CLUSTER2 (33, 14)	0.000000	14.84800
ARCO_CLUSTER2 (33, 15)	0.000000	20.64800
ARCO_CLUSTER2 (33, 16)	0.000000	53.82400
ARCO_CLUSTER2 (33, 17)	0.000000	22.73600
ARCO_CLUSTER2 (33, 18)	0.000000	16.24000
ARCO_CLUSTER2 (33, 19)	0.000000	20.88000
ARCO_CLUSTER2 (33, 20)	0.000000	11.13600
ARCO_CLUSTER2 (33, 21)	0.000000	19.48800
ARCO_CLUSTER2 (33, 22)	0.000000	85.84000
ARCO_CLUSTER2 (33, 23)	0.000000	14.15200
ARCO_CLUSTER2 (33, 24)	0.000000	3.712000
ARCO_CLUSTER2 (33, 25)	0.000000	4.176000
ARCO_CLUSTER2 (33, 26)	0.000000	18.56000
ARCO_CLUSTER2 (33, 27)	0.000000	25.05600
ARCO_CLUSTER2 (33, 28)	1.000000	4.176000
ARCO_CLUSTER2 (33, 29)	0.000000	52.66400
ARCO_CLUSTER2 (33, 30)	0.000000	16.70400
ARCO_CLUSTER2 (33, 31)	0.000000	31.78400
ARCO_CLUSTER2 (33, 32)	0.000000	30.62400
ARCO_CLUSTER2 (33, 33)	0.000000	0.000000
ARCO_CLUSTER2 (33, 34)	0.000000	20.18400
ARCO_CLUSTER2 (33, 35)	0.000000	17.40000
ARCO_CLUSTER2 (33, 36)	0.000000	5.336000
ARCO_CLUSTER2 (33, 37)	0.000000	28.07200
ARCO_CLUSTER2 (33, 38)	0.000000	42.45600
ARCO_CLUSTER2 (33, 39)	0.000000	40.60000
ARCO_CLUSTER2 (33, 40)	0.000000	35.26400
ARCO_CLUSTER2 (33, 41)	0.000000	43.61600
ARCO_CLUSTER2 (33, 42)	0.000000	44.77600
ARCO_CLUSTER2 (33, 43)	0.000000	25.75200
ARCO_CLUSTER2 (33, 44)	0.000000	51.04000

ARCO_CLUSTER2 (33, 45)	0.000000	12.52800
ARCO_CLUSTER2 (33, 46)	0.000000	4.872000
ARCO_CLUSTER2 (33, 47)	0.000000	20.64800
ARCO_CLUSTER2 (33, 48)	0.000000	3.712000
ARCO_CLUSTER2 (33, 49)	0.000000	10.90400
ARCO_CLUSTER2 (33, 50)	0.000000	14.61600
ARCO_CLUSTER2 (33, 51)	0.000000	28.30400
ARCO_CLUSTER2 (34, 1)	0.000000	15.77600
ARCO_CLUSTER2 (34, 2)	0.000000	10.20800
ARCO_CLUSTER2 (34, 3)	0.000000	34.10400
ARCO_CLUSTER2 (34, 4)	0.000000	3.712000
ARCO_CLUSTER2 (34, 5)	0.000000	37.81600
ARCO_CLUSTER2 (34, 6)	0.000000	76.79200
ARCO_CLUSTER2 (34, 7)	0.000000	99.29600
ARCO_CLUSTER2 (34, 8)	0.000000	13.22400
ARCO_CLUSTER2 (34, 9)	0.000000	42.92000
ARCO_CLUSTER2 (34, 10)	0.000000	38.97600
ARCO_CLUSTER2 (34, 11)	0.000000	40.83200
ARCO_CLUSTER2 (34, 12)	0.000000	13.45600
ARCO_CLUSTER2 (34, 13)	0.000000	12.99200
ARCO_CLUSTER2 (34, 14)	0.000000	7.192000
ARCO_CLUSTER2 (34, 15)	0.000000	28.07200
ARCO_CLUSTER2 (34, 16)	0.000000	61.24800
ARCO_CLUSTER2 (34, 17)	1.000000	7.192000
ARCO_CLUSTER2 (34, 18)	0.000000	2.088000
ARCO_CLUSTER2 (34, 19)	0.000000	22.50400
ARCO_CLUSTER2 (34, 20)	0.000000	17.40000
ARCO_CLUSTER2 (34, 21)	0.000000	27.14400
ARCO_CLUSTER2 (34, 22)	0.000000	93.49600
ARCO_CLUSTER2 (34, 23)	0.000000	22.04000
ARCO_CLUSTER2 (34, 24)	0.000000	25.98400
ARCO_CLUSTER2 (34, 25)	0.000000	16.93600
ARCO_CLUSTER2 (34, 26)	0.000000	3.480000
ARCO_CLUSTER2 (34, 27)	0.000000	32.71200
ARCO_CLUSTER2 (34, 28)	0.000000	28.07200
ARCO_CLUSTER2 (34, 29)	0.000000	79.11200
ARCO_CLUSTER2 (34, 30)	0.000000	40.60000
ARCO_CLUSTER2 (34, 31)	0.000000	39.44000
ARCO_CLUSTER2 (34, 32)	0.000000	32.24800
ARCO_CLUSTER2 (34, 33)	0.000000	28.30400
ARCO_CLUSTER2 (34, 34)	0.000000	0.000000
ARCO_CLUSTER2 (34, 35)	0.000000	10.90400
ARCO_CLUSTER2 (34, 36)	0.000000	13.68800
ARCO_CLUSTER2 (34, 37)	0.000000	37.58400
ARCO_CLUSTER2 (34, 38)	0.000000	45.70400
ARCO_CLUSTER2 (34, 39)	0.000000	30.62400
ARCO_CLUSTER2 (34, 40)	0.000000	24.59200
ARCO_CLUSTER2 (34, 41)	0.000000	33.64000
ARCO_CLUSTER2 (34, 42)	0.000000	52.20000
ARCO_CLUSTER2 (34, 43)	0.000000	49.88000
ARCO_CLUSTER2 (34, 44)	0.000000	80.96800
ARCO_CLUSTER2 (34, 45)	0.000000	20.88000
ARCO_CLUSTER2 (34, 46)	0.000000	14.61600
ARCO_CLUSTER2 (34, 47)	0.000000	14.38400
ARCO_CLUSTER2 (34, 48)	0.000000	26.21600
ARCO_CLUSTER2 (34, 49)	0.000000	34.56800
ARCO_CLUSTER2 (34, 50)	0.000000	7.424000
ARCO_CLUSTER2 (34, 51)	0.000000	55.44800
ARCO_CLUSTER2 (35, 1)	0.000000	16.70400
ARCO_CLUSTER2 (35, 2)	1.000000	3.944000
ARCO_CLUSTER2 (35, 3)	0.000000	24.59200
ARCO_CLUSTER2 (35, 4)	0.000000	8.816000
ARCO_CLUSTER2 (35, 5)	0.000000	49.88000
ARCO_CLUSTER2 (35, 6)	0.000000	64.26400
ARCO_CLUSTER2 (35, 7)	0.000000	86.76800
ARCO_CLUSTER2 (35, 8)	0.000000	9.280000
ARCO_CLUSTER2 (35, 9)	0.000000	32.94400
ARCO_CLUSTER2 (35, 10)	0.000000	29.00000
ARCO_CLUSTER2 (35, 11)	0.000000	50.11200
ARCO_CLUSTER2 (35, 12)	0.000000	7.656000
ARCO_CLUSTER2 (35, 13)	0.000000	11.60000

ARCO_CLUSTER2 (35, 14)	0.000000	10.20800
ARCO_CLUSTER2 (35, 15)	0.000000	37.35200
ARCO_CLUSTER2 (35, 16)	0.000000	70.52800
ARCO_CLUSTER2 (35, 17)	0.000000	12.99200
ARCO_CLUSTER2 (35, 18)	0.000000	12.76000
ARCO_CLUSTER2 (35, 19)	0.000000	28.76800
ARCO_CLUSTER2 (35, 20)	0.000000	16.24000
ARCO_CLUSTER2 (35, 21)	0.000000	36.19200
ARCO_CLUSTER2 (35, 22)	0.000000	102.5440
ARCO_CLUSTER2 (35, 23)	0.000000	33.87200
ARCO_CLUSTER2 (35, 24)	0.000000	24.82400
ARCO_CLUSTER2 (35, 25)	0.000000	15.77600
ARCO_CLUSTER2 (35, 26)	0.000000	11.13600
ARCO_CLUSTER2 (35, 27)	0.000000	42.22400
ARCO_CLUSTER2 (35, 28)	0.000000	22.73600
ARCO_CLUSTER2 (35, 29)	0.000000	66.35200
ARCO_CLUSTER2 (35, 30)	0.000000	30.39200
ARCO_CLUSTER2 (35, 31)	0.000000	48.95200
ARCO_CLUSTER2 (35, 32)	0.000000	38.74400
ARCO_CLUSTER2 (35, 33)	0.000000	17.40000
ARCO_CLUSTER2 (35, 34)	0.000000	12.76000
ARCO_CLUSTER2 (35, 35)	0.000000	0.000000
ARCO_CLUSTER2 (35, 36)	0.000000	12.99200
ARCO_CLUSTER2 (35, 37)	0.000000	46.40000
ARCO_CLUSTER2 (35, 38)	0.000000	30.39200
ARCO_CLUSTER2 (35, 39)	0.000000	17.86400
ARCO_CLUSTER2 (35, 40)	0.000000	25.05600
ARCO_CLUSTER2 (35, 41)	0.000000	14.84800
ARCO_CLUSTER2 (35, 42)	0.000000	55.44800
ARCO_CLUSTER2 (35, 43)	0.000000	39.44000
ARCO_CLUSTER2 (35, 44)	0.000000	64.72800
ARCO_CLUSTER2 (35, 45)	0.000000	30.62400
ARCO_CLUSTER2 (35, 46)	0.000000	13.68800
ARCO_CLUSTER2 (35, 47)	0.000000	4.872000
ARCO_CLUSTER2 (35, 48)	0.000000	25.05600
ARCO_CLUSTER2 (35, 49)	0.000000	24.59200
ARCO_CLUSTER2 (35, 50)	0.000000	9.976000
ARCO_CLUSTER2 (35, 51)	0.000000	42.22400
ARCO_CLUSTER2 (36, 1)	0.000000	31.32000
ARCO_CLUSTER2 (36, 2)	0.000000	10.90400
ARCO_CLUSTER2 (36, 3)	0.000000	15.54400
ARCO_CLUSTER2 (36, 4)	0.000000	12.52800
ARCO_CLUSTER2 (36, 5)	0.000000	36.19200
ARCO_CLUSTER2 (36, 6)	0.000000	58.00000
ARCO_CLUSTER2 (36, 7)	0.000000	80.27200
ARCO_CLUSTER2 (36, 8)	0.000000	8.120000
ARCO_CLUSTER2 (36, 9)	0.000000	26.44800
ARCO_CLUSTER2 (36, 10)	0.000000	22.50400
ARCO_CLUSTER2 (36, 11)	0.000000	39.20800
ARCO_CLUSTER2 (36, 12)	0.000000	10.67200
ARCO_CLUSTER2 (36, 13)	0.000000	6.728000
ARCO_CLUSTER2 (36, 14)	0.000000	9.744000
ARCO_CLUSTER2 (36, 15)	0.000000	26.68000
ARCO_CLUSTER2 (36, 16)	0.000000	59.62400
ARCO_CLUSTER2 (36, 17)	0.000000	12.29600
ARCO_CLUSTER2 (36, 18)	0.000000	12.76000
ARCO_CLUSTER2 (36, 19)	0.000000	18.79200
ARCO_CLUSTER2 (36, 20)	0.000000	6.264000
ARCO_CLUSTER2 (36, 21)	0.000000	25.52000
ARCO_CLUSTER2 (36, 22)	0.000000	91.87200
ARCO_CLUSTER2 (36, 23)	0.000000	20.41600
ARCO_CLUSTER2 (36, 24)	0.000000	6.496000
ARCO_CLUSTER2 (36, 25)	0.000000	6.496000
ARCO_CLUSTER2 (36, 26)	0.000000	15.08000
ARCO_CLUSTER2 (36, 27)	0.000000	31.08800
ARCO_CLUSTER2 (36, 28)	0.000000	8.584000
ARCO_CLUSTER2 (36, 29)	0.000000	60.08800
ARCO_CLUSTER2 (36, 30)	0.000000	24.12800
ARCO_CLUSTER2 (36, 31)	0.000000	37.81600
ARCO_CLUSTER2 (36, 32)	0.000000	28.53600
ARCO_CLUSTER2 (36, 33)	0.000000	4.872000

ARCO_CLUSTER2 (36, 34)	0.000000	16.70400
ARCO_CLUSTER2 (36, 35)	0.000000	13.92000
ARCO_CLUSTER2 (36, 36)	0.000000	0.000000
ARCO_CLUSTER2 (36, 37)	0.000000	26.44800
ARCO_CLUSTER2 (36, 38)	0.000000	40.83200
ARCO_CLUSTER2 (36, 39)	0.000000	24.12800
ARCO_CLUSTER2 (36, 40)	0.000000	16.00800
ARCO_CLUSTER2 (36, 41)	0.000000	27.37600
ARCO_CLUSTER2 (36, 42)	0.000000	50.57600
ARCO_CLUSTER2 (36, 43)	0.000000	33.17600
ARCO_CLUSTER2 (36, 44)	0.000000	58.23200
ARCO_CLUSTER2 (36, 45)	0.000000	19.25600
ARCO_CLUSTER2 (36, 46)	1.000000	1.740000
ARCO_CLUSTER2 (36, 47)	0.000000	15.31200
ARCO_CLUSTER2 (36, 48)	0.000000	6.496000
ARCO_CLUSTER2 (36, 49)	0.000000	18.32800
ARCO_CLUSTER2 (36, 50)	0.000000	9.512000
ARCO_CLUSTER2 (36, 51)	0.000000	35.72800
ARCO_CLUSTER2 (37, 1)	0.000000	40.60000
ARCO_CLUSTER2 (37, 2)	0.000000	29.46400
ARCO_CLUSTER2 (37, 3)	0.000000	23.66400
ARCO_CLUSTER2 (37, 4)	0.000000	29.00000
ARCO_CLUSTER2 (37, 5)	0.000000	13.68800
ARCO_CLUSTER2 (37, 6)	0.000000	58.92800
ARCO_CLUSTER2 (37, 7)	0.000000	81.43200
ARCO_CLUSTER2 (37, 8)	0.000000	30.16000
ARCO_CLUSTER2 (37, 9)	0.000000	32.01600
ARCO_CLUSTER2 (37, 10)	0.000000	28.53600
ARCO_CLUSTER2 (37, 11)	0.000000	22.96800
ARCO_CLUSTER2 (37, 12)	0.000000	31.55200
ARCO_CLUSTER2 (37, 13)	0.000000	31.55200
ARCO_CLUSTER2 (37, 14)	0.000000	24.59200
ARCO_CLUSTER2 (37, 15)	0.000000	6.032000
ARCO_CLUSTER2 (37, 16)	0.000000	26.44800
ARCO_CLUSTER2 (37, 17)	0.000000	23.66400
ARCO_CLUSTER2 (37, 18)	0.000000	27.37600
ARCO_CLUSTER2 (37, 19)	1.000000	7.424000
ARCO_CLUSTER2 (37, 20)	0.000000	20.18400
ARCO_CLUSTER2 (37, 21)	0.000000	4.408000
ARCO_CLUSTER2 (37, 22)	0.000000	58.46400
ARCO_CLUSTER2 (37, 23)	0.000000	4.872000
ARCO_CLUSTER2 (37, 24)	0.000000	15.54400
ARCO_CLUSTER2 (37, 25)	0.000000	24.82400
ARCO_CLUSTER2 (37, 26)	0.000000	29.23200
ARCO_CLUSTER2 (37, 27)	0.000000	10.67200
ARCO_CLUSTER2 (37, 28)	0.000000	17.63200
ARCO_CLUSTER2 (37, 29)	0.000000	61.24800
ARCO_CLUSTER2 (37, 30)	0.000000	29.92800
ARCO_CLUSTER2 (37, 31)	0.000000	15.31200
ARCO_CLUSTER2 (37, 32)	0.000000	13.45600
ARCO_CLUSTER2 (37, 33)	0.000000	17.86400
ARCO_CLUSTER2 (37, 34)	0.000000	30.85600
ARCO_CLUSTER2 (37, 35)	0.000000	36.65600
ARCO_CLUSTER2 (37, 36)	0.000000	21.11200
ARCO_CLUSTER2 (37, 37)	0.000000	0.000000
ARCO_CLUSTER2 (37, 38)	0.000000	24.36000
ARCO_CLUSTER2 (37, 39)	0.000000	30.16000
ARCO_CLUSTER2 (37, 40)	0.000000	24.59200
ARCO_CLUSTER2 (37, 41)	0.000000	34.10400
ARCO_CLUSTER2 (37, 42)	0.000000	34.33600
ARCO_CLUSTER2 (37, 43)	0.000000	32.01600
ARCO_CLUSTER2 (37, 44)	0.000000	63.10400
ARCO_CLUSTER2 (37, 45)	0.000000	10.44000
ARCO_CLUSTER2 (37, 46)	0.000000	22.04000
ARCO_CLUSTER2 (37, 47)	0.000000	33.87200
ARCO_CLUSTER2 (37, 48)	0.000000	15.77600
ARCO_CLUSTER2 (37, 49)	0.000000	24.12800
ARCO_CLUSTER2 (37, 50)	0.000000	23.43200
ARCO_CLUSTER2 (37, 51)	0.000000	37.58400
ARCO_CLUSTER2 (38, 1)	0.000000	56.60800
ARCO_CLUSTER2 (38, 2)	0.000000	47.09600

ARCO_CLUSTER2 (38, 3)	0.000000	28.30400
ARCO_CLUSTER2 (38, 4)	0.000000	44.77600
ARCO_CLUSTER2 (38, 5)	0.000000	30.85600
ARCO_CLUSTER2 (38, 6)	0.000000	47.32800
ARCO_CLUSTER2 (38, 7)	0.000000	69.83200
ARCO_CLUSTER2 (38, 8)	0.000000	47.56000
ARCO_CLUSTER2 (38, 9)	0.000000	17.40000
ARCO_CLUSTER2 (38, 10)	0.000000	19.72000
ARCO_CLUSTER2 (38, 11)	0.000000	6.496000
ARCO_CLUSTER2 (38, 12)	0.000000	48.95200
ARCO_CLUSTER2 (38, 13)	0.000000	44.08000
ARCO_CLUSTER2 (38, 14)	0.000000	40.36800
ARCO_CLUSTER2 (38, 15)	0.000000	21.11200
ARCO_CLUSTER2 (38, 16)	0.000000	38.04800
ARCO_CLUSTER2 (38, 17)	0.000000	39.44000
ARCO_CLUSTER2 (38, 18)	0.000000	43.38400
ARCO_CLUSTER2 (38, 19)	0.000000	33.40800
ARCO_CLUSTER2 (38, 20)	0.000000	36.19200
ARCO_CLUSTER2 (38, 21)	0.000000	22.04000
ARCO_CLUSTER2 (38, 22)	0.000000	70.06400
ARCO_CLUSTER2 (38, 23)	0.000000	26.68000
ARCO_CLUSTER2 (38, 24)	0.000000	32.94400
ARCO_CLUSTER2 (38, 25)	0.000000	42.22400
ARCO_CLUSTER2 (38, 26)	0.000000	45.24000
ARCO_CLUSTER2 (38, 27)	0.000000	25.75200
ARCO_CLUSTER2 (38, 28)	0.000000	35.03200
ARCO_CLUSTER2 (38, 29)	0.000000	49.64800
ARCO_CLUSTER2 (38, 30)	0.000000	16.70400
ARCO_CLUSTER2 (38, 31)	0.000000	32.48000
ARCO_CLUSTER2 (38, 32)	0.000000	41.06400
ARCO_CLUSTER2 (38, 33)	0.000000	35.26400
ARCO_CLUSTER2 (38, 34)	0.000000	46.63200
ARCO_CLUSTER2 (38, 35)	0.000000	50.57600
ARCO_CLUSTER2 (38, 36)	0.000000	38.28000
ARCO_CLUSTER2 (38, 37)	0.000000	28.30400
ARCO_CLUSTER2 (38, 38)	0.000000	0.000000
ARCO_CLUSTER2 (38, 39)	0.000000	24.82400
ARCO_CLUSTER2 (38, 40)	0.000000	25.75200
ARCO_CLUSTER2 (38, 41)	0.000000	22.50400
ARCO_CLUSTER2 (38, 42)	1.000000	9.976000
ARCO_CLUSTER2 (38, 43)	0.000000	20.41600
ARCO_CLUSTER2 (38, 44)	0.000000	51.50400
ARCO_CLUSTER2 (38, 45)	0.000000	27.84000
ARCO_CLUSTER2 (38, 46)	0.000000	39.20800
ARCO_CLUSTER2 (38, 47)	0.000000	51.27200
ARCO_CLUSTER2 (38, 48)	0.000000	33.17600
ARCO_CLUSTER2 (38, 49)	0.000000	22.50400
ARCO_CLUSTER2 (38, 50)	0.000000	39.20800
ARCO_CLUSTER2 (38, 51)	0.000000	25.98400
ARCO_CLUSTER2 (39, 1)	0.000000	42.45600
ARCO_CLUSTER2 (39, 2)	0.000000	30.39200
ARCO_CLUSTER2 (39, 3)	0.000000	9.512000
ARCO_CLUSTER2 (39, 4)	0.000000	33.40800
ARCO_CLUSTER2 (39, 5)	0.000000	40.36800
ARCO_CLUSTER2 (39, 6)	0.000000	33.64000
ARCO_CLUSTER2 (39, 7)	0.000000	56.14400
ARCO_CLUSTER2 (39, 8)	0.000000	22.96800
ARCO_CLUSTER2 (39, 9)	0.000000	4.176000
ARCO_CLUSTER2 (39, 10)	0.000000	2.320000
ARCO_CLUSTER2 (39, 11)	0.000000	21.11200
ARCO_CLUSTER2 (39, 12)	0.000000	24.36000
ARCO_CLUSTER2 (39, 13)	0.000000	24.36000
ARCO_CLUSTER2 (39, 14)	0.000000	37.35200
ARCO_CLUSTER2 (39, 15)	0.000000	30.62400
ARCO_CLUSTER2 (39, 16)	0.000000	47.56000
ARCO_CLUSTER2 (39, 17)	0.000000	36.42400
ARCO_CLUSTER2 (39, 18)	0.000000	40.36800
ARCO_CLUSTER2 (39, 19)	0.000000	34.56800
ARCO_CLUSTER2 (39, 20)	0.000000	27.60800
ARCO_CLUSTER2 (39, 21)	0.000000	31.55200
ARCO_CLUSTER2 (39, 22)	0.000000	79.57600

ARCO_CLUSTER2 (39, 23)	0.000000	27.84000
ARCO_CLUSTER2 (39, 24)	0.000000	19.02400
ARCO_CLUSTER2 (39, 25)	0.000000	17.63200
ARCO_CLUSTER2 (39, 26)	0.000000	42.22400
ARCO_CLUSTER2 (39, 27)	0.000000	35.26400
ARCO_CLUSTER2 (39, 28)	0.000000	16.93600
ARCO_CLUSTER2 (39, 29)	0.000000	35.96000
ARCO_CLUSTER2 (39, 30)	0.000000	4.640000
ARCO_CLUSTER2 (39, 31)	0.000000	41.99200
ARCO_CLUSTER2 (39, 32)	0.000000	44.54400
ARCO_CLUSTER2 (39, 33)	0.000000	18.09600
ARCO_CLUSTER2 (39, 34)	0.000000	43.61600
ARCO_CLUSTER2 (39, 35)	0.000000	29.69600
ARCO_CLUSTER2 (39, 36)	0.000000	24.36000
ARCO_CLUSTER2 (39, 37)	0.000000	37.81600
ARCO_CLUSTER2 (39, 38)	0.000000	21.80800
ARCO_CLUSTER2 (39, 39)	0.000000	0.000000
ARCO_CLUSTER2 (39, 40)	0.000000	7.888000
ARCO_CLUSTER2 (39, 41)	1.000000	3.016000
ARCO_CLUSTER2 (39, 42)	0.000000	31.78400
ARCO_CLUSTER2 (39, 43)	0.000000	9.048000
ARCO_CLUSTER2 (39, 44)	0.000000	34.10400
ARCO_CLUSTER2 (39, 45)	0.000000	26.21600
ARCO_CLUSTER2 (39, 46)	0.000000	22.96800
ARCO_CLUSTER2 (39, 47)	0.000000	26.68000
ARCO_CLUSTER2 (39, 48)	0.000000	19.25600
ARCO_CLUSTER2 (39, 49)	0.000000	8.816000
ARCO_CLUSTER2 (39, 50)	0.000000	31.78400
ARCO_CLUSTER2 (39, 51)	0.000000	11.60000
ARCO_CLUSTER2 (40, 1)	0.000000	35.72800
ARCO_CLUSTER2 (40, 2)	0.000000	22.73600
ARCO_CLUSTER2 (40, 3)	1.000000	1.508000
ARCO_CLUSTER2 (40, 4)	0.000000	34.80000
ARCO_CLUSTER2 (40, 5)	0.000000	37.12000
ARCO_CLUSTER2 (40, 6)	0.000000	42.92000
ARCO_CLUSTER2 (40, 7)	0.000000	65.19200
ARCO_CLUSTER2 (40, 8)	0.000000	14.15200
ARCO_CLUSTER2 (40, 9)	0.000000	11.60000
ARCO_CLUSTER2 (40, 10)	0.000000	7.888000
ARCO_CLUSTER2 (40, 11)	0.000000	25.28800
ARCO_CLUSTER2 (40, 12)	0.000000	17.63200
ARCO_CLUSTER2 (40, 13)	0.000000	15.54400
ARCO_CLUSTER2 (40, 14)	0.000000	30.39200
ARCO_CLUSTER2 (40, 15)	0.000000	27.37600
ARCO_CLUSTER2 (40, 16)	0.000000	60.55200
ARCO_CLUSTER2 (40, 17)	0.000000	29.46400
ARCO_CLUSTER2 (40, 18)	0.000000	33.40800
ARCO_CLUSTER2 (40, 19)	0.000000	27.60800
ARCO_CLUSTER2 (40, 20)	0.000000	20.88000
ARCO_CLUSTER2 (40, 21)	0.000000	26.21600
ARCO_CLUSTER2 (40, 22)	0.000000	92.56800
ARCO_CLUSTER2 (40, 23)	0.000000	20.88000
ARCO_CLUSTER2 (40, 24)	0.000000	12.06400
ARCO_CLUSTER2 (40, 25)	0.000000	9.280000
ARCO_CLUSTER2 (40, 26)	0.000000	35.26400
ARCO_CLUSTER2 (40, 27)	0.000000	31.78400
ARCO_CLUSTER2 (40, 28)	0.000000	9.976000
ARCO_CLUSTER2 (40, 29)	0.000000	45.00800
ARCO_CLUSTER2 (40, 30)	0.000000	10.90400
ARCO_CLUSTER2 (40, 31)	0.000000	38.51200
ARCO_CLUSTER2 (40, 32)	0.000000	37.58400
ARCO_CLUSTER2 (40, 33)	0.000000	11.13600
ARCO_CLUSTER2 (40, 34)	0.000000	36.65600
ARCO_CLUSTER2 (40, 35)	0.000000	22.96800
ARCO_CLUSTER2 (40, 36)	0.000000	15.08000
ARCO_CLUSTER2 (40, 37)	0.000000	25.98400
ARCO_CLUSTER2 (40, 38)	0.000000	25.98400
ARCO_CLUSTER2 (40, 39)	0.000000	9.048000
ARCO_CLUSTER2 (40, 40)	0.000000	0.000000
ARCO_CLUSTER2 (40, 41)	0.000000	12.29600
ARCO_CLUSTER2 (40, 42)	0.000000	35.96000

ARCO_CLUSTER2 (40, 43)	0.000000	18.09600
ARCO_CLUSTER2 (40, 44)	0.000000	43.38400
ARCO_CLUSTER2 (40, 45)	0.000000	19.48800
ARCO_CLUSTER2 (40, 46)	0.000000	14.61600
ARCO_CLUSTER2 (40, 47)	0.000000	19.95200
ARCO_CLUSTER2 (40, 48)	0.000000	12.29600
ARCO_CLUSTER2 (40, 49)	0.000000	5.800000
ARCO_CLUSTER2 (40, 50)	0.000000	29.23200
ARCO_CLUSTER2 (40, 51)	0.000000	20.64800
ARCO_CLUSTER2 (41, 1)	0.000000	45.24000
ARCO_CLUSTER2 (41, 2)	0.000000	33.17600
ARCO_CLUSTER2 (41, 3)	0.000000	12.76000
ARCO_CLUSTER2 (41, 4)	0.000000	51.50400
ARCO_CLUSTER2 (41, 5)	0.000000	37.58400
ARCO_CLUSTER2 (41, 6)	0.000000	30.85600
ARCO_CLUSTER2 (41, 7)	0.000000	53.36000
ARCO_CLUSTER2 (41, 8)	0.000000	25.75200
ARCO_CLUSTER2 (41, 9)	0.000000	2.784000
ARCO_CLUSTER2 (41, 10)	0.000000	5.336000
ARCO_CLUSTER2 (41, 11)	0.000000	18.32800
ARCO_CLUSTER2 (41, 12)	0.000000	27.14400
ARCO_CLUSTER2 (41, 13)	0.000000	27.14400
ARCO_CLUSTER2 (41, 14)	0.000000	47.09600
ARCO_CLUSTER2 (41, 15)	0.000000	27.84000
ARCO_CLUSTER2 (41, 16)	0.000000	44.77600
ARCO_CLUSTER2 (41, 17)	0.000000	46.16800
ARCO_CLUSTER2 (41, 18)	0.000000	50.11200
ARCO_CLUSTER2 (41, 19)	0.000000	40.13600
ARCO_CLUSTER2 (41, 20)	0.000000	42.92000
ARCO_CLUSTER2 (41, 21)	0.000000	28.76800
ARCO_CLUSTER2 (41, 22)	0.000000	76.79200
ARCO_CLUSTER2 (41, 23)	0.000000	33.40800
ARCO_CLUSTER2 (41, 24)	0.000000	21.80800
ARCO_CLUSTER2 (41, 25)	0.000000	20.41600
ARCO_CLUSTER2 (41, 26)	0.000000	51.96800
ARCO_CLUSTER2 (41, 27)	0.000000	32.48000
ARCO_CLUSTER2 (41, 28)	0.000000	19.72000
ARCO_CLUSTER2 (41, 29)	0.000000	33.17600
ARCO_CLUSTER2 (41, 30)	0.000000	4.640000
ARCO_CLUSTER2 (41, 31)	0.000000	39.20800
ARCO_CLUSTER2 (41, 32)	0.000000	47.79200
ARCO_CLUSTER2 (41, 33)	0.000000	20.88000
ARCO_CLUSTER2 (41, 34)	0.000000	53.36000
ARCO_CLUSTER2 (41, 35)	0.000000	32.48000
ARCO_CLUSTER2 (41, 36)	0.000000	27.14400
ARCO_CLUSTER2 (41, 37)	0.000000	35.03200
ARCO_CLUSTER2 (41, 38)	0.000000	19.02400
ARCO_CLUSTER2 (41, 39)	0.000000	4.872000
ARCO_CLUSTER2 (41, 40)	0.000000	11.13600
ARCO_CLUSTER2 (41, 41)	0.000000	0.000000
ARCO_CLUSTER2 (41, 42)	0.000000	29.00000
ARCO_CLUSTER2 (41, 43)	0.000000	6.264000
ARCO_CLUSTER2 (41, 44)	0.000000	31.32000
ARCO_CLUSTER2 (41, 45)	0.000000	34.56800
ARCO_CLUSTER2 (41, 46)	0.000000	25.75200
ARCO_CLUSTER2 (41, 47)	0.000000	29.46400
ARCO_CLUSTER2 (41, 48)	0.000000	22.04000
ARCO_CLUSTER2 (41, 49)	0.000000	11.60000
ARCO_CLUSTER2 (41, 50)	0.000000	45.93600
ARCO_CLUSTER2 (41, 51)	1.000000	8.816000
ARCO_CLUSTER2 (42, 1)	0.000000	66.35200
ARCO_CLUSTER2 (42, 2)	0.000000	56.84000
ARCO_CLUSTER2 (42, 3)	0.000000	35.26400
ARCO_CLUSTER2 (42, 4)	0.000000	54.52000
ARCO_CLUSTER2 (42, 5)	0.000000	40.60000
ARCO_CLUSTER2 (42, 6)	0.000000	57.07200
ARCO_CLUSTER2 (42, 7)	0.000000	79.57600
ARCO_CLUSTER2 (42, 8)	0.000000	57.30400
ARCO_CLUSTER2 (42, 9)	0.000000	25.52000
ARCO_CLUSTER2 (42, 10)	0.000000	27.84000
ARCO_CLUSTER2 (42, 11)	1.000000	13.68800

ARCO_CLUSTER2 (42, 12)	0.000000	48.95200
ARCO_CLUSTER2 (42, 13)	0.000000	53.82400
ARCO_CLUSTER2 (42, 14)	0.000000	48.72000
ARCO_CLUSTER2 (42, 15)	0.000000	29.69600
ARCO_CLUSTER2 (42, 16)	0.000000	46.63200
ARCO_CLUSTER2 (42, 17)	0.000000	48.02400
ARCO_CLUSTER2 (42, 18)	0.000000	51.96800
ARCO_CLUSTER2 (42, 19)	0.000000	41.99200
ARCO_CLUSTER2 (42, 20)	0.000000	44.77600
ARCO_CLUSTER2 (42, 21)	0.000000	30.62400
ARCO_CLUSTER2 (42, 22)	0.000000	78.64800
ARCO_CLUSTER2 (42, 23)	0.000000	35.26400
ARCO_CLUSTER2 (42, 24)	0.000000	41.52800
ARCO_CLUSTER2 (42, 25)	0.000000	42.22400
ARCO_CLUSTER2 (42, 26)	0.000000	53.82400
ARCO_CLUSTER2 (42, 27)	0.000000	34.33600
ARCO_CLUSTER2 (42, 28)	0.000000	43.61600
ARCO_CLUSTER2 (42, 29)	0.000000	58.23200
ARCO_CLUSTER2 (42, 30)	0.000000	25.05600
ARCO_CLUSTER2 (42, 31)	0.000000	41.06400
ARCO_CLUSTER2 (42, 32)	0.000000	49.64800
ARCO_CLUSTER2 (42, 33)	0.000000	43.84800
ARCO_CLUSTER2 (42, 34)	0.000000	55.21600
ARCO_CLUSTER2 (42, 35)	0.000000	59.16000
ARCO_CLUSTER2 (42, 36)	0.000000	47.09600
ARCO_CLUSTER2 (42, 37)	0.000000	36.88800
ARCO_CLUSTER2 (42, 38)	0.000000	10.44000
ARCO_CLUSTER2 (42, 39)	0.000000	28.76800
ARCO_CLUSTER2 (42, 40)	0.000000	33.87200
ARCO_CLUSTER2 (42, 41)	0.000000	31.08800
ARCO_CLUSTER2 (42, 42)	0.000000	0.000000
ARCO_CLUSTER2 (42, 43)	0.000000	27.60800
ARCO_CLUSTER2 (42, 44)	0.000000	60.08800
ARCO_CLUSTER2 (42, 45)	0.000000	36.42400
ARCO_CLUSTER2 (42, 46)	0.000000	48.02400
ARCO_CLUSTER2 (42, 47)	0.000000	51.27200
ARCO_CLUSTER2 (42, 48)	0.000000	41.76000
ARCO_CLUSTER2 (42, 49)	0.000000	30.85600
ARCO_CLUSTER2 (42, 50)	0.000000	47.79200
ARCO_CLUSTER2 (42, 51)	0.000000	34.56800
ARCO_CLUSTER2 (43, 1)	0.000000	49.41600
ARCO_CLUSTER2 (43, 2)	0.000000	36.88800
ARCO_CLUSTER2 (43, 3)	0.000000	16.47200
ARCO_CLUSTER2 (43, 4)	0.000000	55.44800
ARCO_CLUSTER2 (43, 5)	0.000000	41.52800
ARCO_CLUSTER2 (43, 6)	0.000000	34.10400
ARCO_CLUSTER2 (43, 7)	0.000000	56.37600
ARCO_CLUSTER2 (43, 8)	0.000000	29.46400
ARCO_CLUSTER2 (43, 9)	0.000000	6.496000
ARCO_CLUSTER2 (43, 10)	0.000000	9.048000
ARCO_CLUSTER2 (43, 11)	0.000000	22.27200
ARCO_CLUSTER2 (43, 12)	0.000000	30.85600
ARCO_CLUSTER2 (43, 13)	0.000000	30.85600
ARCO_CLUSTER2 (43, 14)	0.000000	51.04000
ARCO_CLUSTER2 (43, 15)	0.000000	32.01600
ARCO_CLUSTER2 (43, 16)	0.000000	48.72000
ARCO_CLUSTER2 (43, 17)	0.000000	50.11200
ARCO_CLUSTER2 (43, 18)	0.000000	54.05600
ARCO_CLUSTER2 (43, 19)	0.000000	44.08000
ARCO_CLUSTER2 (43, 20)	0.000000	46.86400
ARCO_CLUSTER2 (43, 21)	0.000000	32.71200
ARCO_CLUSTER2 (43, 22)	0.000000	80.96800
ARCO_CLUSTER2 (43, 23)	0.000000	37.35200
ARCO_CLUSTER2 (43, 24)	0.000000	25.52000
ARCO_CLUSTER2 (43, 25)	0.000000	24.12800
ARCO_CLUSTER2 (43, 26)	0.000000	55.91200
ARCO_CLUSTER2 (43, 27)	0.000000	36.42400
ARCO_CLUSTER2 (43, 28)	0.000000	23.43200
ARCO_CLUSTER2 (43, 29)	0.000000	29.00000
ARCO_CLUSTER2 (43, 30)	1.000000	8.120000
ARCO_CLUSTER2 (43, 31)	0.000000	43.15200

ARCO_CLUSTER2 (43, 32)	0.000000	51.96800
ARCO_CLUSTER2 (43, 33)	0.000000	24.36000
ARCO_CLUSTER2 (43, 34)	0.000000	57.53600
ARCO_CLUSTER2 (43, 35)	0.000000	35.96000
ARCO_CLUSTER2 (43, 36)	0.000000	30.85600
ARCO_CLUSTER2 (43, 37)	0.000000	39.20800
ARCO_CLUSTER2 (43, 38)	0.000000	22.96800
ARCO_CLUSTER2 (43, 39)	0.000000	8.584000
ARCO_CLUSTER2 (43, 40)	0.000000	14.84800
ARCO_CLUSTER2 (43, 41)	0.000000	7.192000
ARCO_CLUSTER2 (43, 42)	0.000000	32.94400
ARCO_CLUSTER2 (43, 43)	0.000000	0.000000
ARCO_CLUSTER2 (43, 44)	0.000000	30.39200
ARCO_CLUSTER2 (43, 45)	0.000000	38.74400
ARCO_CLUSTER2 (43, 46)	0.000000	29.46400
ARCO_CLUSTER2 (43, 47)	0.000000	33.17600
ARCO_CLUSTER2 (43, 48)	0.000000	25.52000
ARCO_CLUSTER2 (43, 49)	0.000000	15.31200
ARCO_CLUSTER2 (43, 50)	0.000000	49.88000
ARCO_CLUSTER2 (43, 51)	0.000000	7.888000
ARCO_CLUSTER2 (44, 1)	0.000000	95.81600
ARCO_CLUSTER2 (44, 2)	0.000000	68.67200
ARCO_CLUSTER2 (44, 3)	0.000000	47.79200
ARCO_CLUSTER2 (44, 4)	0.000000	83.98400
ARCO_CLUSTER2 (44, 5)	0.000000	70.06400
ARCO_CLUSTER2 (44, 6)	0.000000	13.22400
ARCO_CLUSTER2 (44, 7)	0.000000	36.42400
ARCO_CLUSTER2 (44, 8)	0.000000	61.24800
ARCO_CLUSTER2 (44, 9)	0.000000	38.97600
ARCO_CLUSTER2 (44, 10)	0.000000	40.36800
ARCO_CLUSTER2 (44, 11)	0.000000	50.80800
ARCO_CLUSTER2 (44, 12)	0.000000	62.64000
ARCO_CLUSTER2 (44, 13)	0.000000	62.64000
ARCO_CLUSTER2 (44, 14)	0.000000	79.57600
ARCO_CLUSTER2 (44, 15)	0.000000	60.32000
ARCO_CLUSTER2 (44, 16)	0.000000	77.25600
ARCO_CLUSTER2 (44, 17)	0.000000	78.64800
ARCO_CLUSTER2 (44, 18)	0.000000	82.59200
ARCO_CLUSTER2 (44, 19)	0.000000	72.61600
ARCO_CLUSTER2 (44, 20)	0.000000	75.40000
ARCO_CLUSTER2 (44, 21)	0.000000	61.24800
ARCO_CLUSTER2 (44, 22)	0.000000	109.2720
ARCO_CLUSTER2 (44, 23)	0.000000	65.88800
ARCO_CLUSTER2 (44, 24)	0.000000	57.30400
ARCO_CLUSTER2 (44, 25)	0.000000	55.91200
ARCO_CLUSTER2 (44, 26)	0.000000	84.44800
ARCO_CLUSTER2 (44, 27)	0.000000	64.96000
ARCO_CLUSTER2 (44, 28)	0.000000	55.21600
ARCO_CLUSTER2 (44, 29)	0.000000	5.568000
ARCO_CLUSTER2 (44, 30)	0.000000	40.13600
ARCO_CLUSTER2 (44, 31)	0.000000	71.68800
ARCO_CLUSTER2 (44, 32)	0.000000	80.27200
ARCO_CLUSTER2 (44, 33)	0.000000	56.37600
ARCO_CLUSTER2 (44, 34)	0.000000	85.84000
ARCO_CLUSTER2 (44, 35)	0.000000	67.74400
ARCO_CLUSTER2 (44, 36)	0.000000	77.72000
ARCO_CLUSTER2 (44, 37)	0.000000	67.51200
ARCO_CLUSTER2 (44, 38)	0.000000	51.50400
ARCO_CLUSTER2 (44, 39)	0.000000	38.97600
ARCO_CLUSTER2 (44, 40)	0.000000	46.16800
ARCO_CLUSTER2 (44, 41)	0.000000	35.96000
ARCO_CLUSTER2 (44, 42)	0.000000	61.48000
ARCO_CLUSTER2 (44, 43)	1.000000	31.55200
ARCO_CLUSTER2 (44, 44)	0.000000	0.000000
ARCO_CLUSTER2 (44, 45)	0.000000	67.04800
ARCO_CLUSTER2 (44, 46)	0.000000	61.24800
ARCO_CLUSTER2 (44, 47)	0.000000	64.96000
ARCO_CLUSTER2 (44, 48)	0.000000	57.30400
ARCO_CLUSTER2 (44, 49)	0.000000	47.09600
ARCO_CLUSTER2 (44, 50)	0.000000	78.41600
ARCO_CLUSTER2 (44, 51)	0.000000	26.68000

ARCO_CLUSTER2 (45, 1)	0.000000	34.56800
ARCO_CLUSTER2 (45, 2)	0.000000	25.28800
ARCO_CLUSTER2 (45, 3)	0.000000	14.61600
ARCO_CLUSTER2 (45, 4)	0.000000	22.73600
ARCO_CLUSTER2 (45, 5)	0.000000	19.95200
ARCO_CLUSTER2 (45, 6)	0.000000	49.64800
ARCO_CLUSTER2 (45, 7)	0.000000	72.15200
ARCO_CLUSTER2 (45, 8)	0.000000	24.59200
ARCO_CLUSTER2 (45, 9)	0.000000	16.93600
ARCO_CLUSTER2 (45, 10)	0.000000	22.96800
ARCO_CLUSTER2 (45, 11)	0.000000	28.53600
ARCO_CLUSTER2 (45, 12)	0.000000	24.36000
ARCO_CLUSTER2 (45, 13)	0.000000	19.25600
ARCO_CLUSTER2 (45, 14)	0.000000	18.32800
ARCO_CLUSTER2 (45, 15)	0.000000	13.22400
ARCO_CLUSTER2 (45, 16)	0.000000	48.95200
ARCO_CLUSTER2 (45, 17)	0.000000	17.40000
ARCO_CLUSTER2 (45, 18)	0.000000	21.34400
ARCO_CLUSTER2 (45, 19)	0.000000	16.24000
ARCO_CLUSTER2 (45, 20)	0.000000	14.15200
ARCO_CLUSTER2 (45, 21)	0.000000	14.15200
ARCO_CLUSTER2 (45, 22)	0.000000	80.96800
ARCO_CLUSTER2 (45, 23)	0.000000	9.512000
ARCO_CLUSTER2 (45, 24)	1.000000	7.888000
ARCO_CLUSTER2 (45, 25)	0.000000	13.92000
ARCO_CLUSTER2 (45, 26)	0.000000	23.20000
ARCO_CLUSTER2 (45, 27)	0.000000	17.86400
ARCO_CLUSTER2 (45, 28)	0.000000	9.048000
ARCO_CLUSTER2 (45, 29)	0.000000	66.81600
ARCO_CLUSTER2 (45, 30)	0.000000	22.73600
ARCO_CLUSTER2 (45, 31)	0.000000	24.59200
ARCO_CLUSTER2 (45, 32)	0.000000	25.98400
ARCO_CLUSTER2 (45, 33)	0.000000	10.44000
ARCO_CLUSTER2 (45, 34)	0.000000	24.82400
ARCO_CLUSTER2 (45, 35)	0.000000	28.53600
ARCO_CLUSTER2 (45, 36)	0.000000	13.45600
ARCO_CLUSTER2 (45, 37)	0.000000	14.61600
ARCO_CLUSTER2 (45, 38)	0.000000	29.92800
ARCO_CLUSTER2 (45, 39)	0.000000	22.96800
ARCO_CLUSTER2 (45, 40)	0.000000	14.38400
ARCO_CLUSTER2 (45, 41)	0.000000	25.98400
ARCO_CLUSTER2 (45, 42)	0.000000	39.90400
ARCO_CLUSTER2 (45, 43)	0.000000	37.58400
ARCO_CLUSTER2 (45, 44)	0.000000	68.67200
ARCO_CLUSTER2 (45, 45)	0.000000	0.000000
ARCO_CLUSTER2 (45, 46)	0.000000	14.38400
ARCO_CLUSTER2 (45, 47)	0.000000	26.68000
ARCO_CLUSTER2 (45, 48)	0.000000	7.888000
ARCO_CLUSTER2 (45, 49)	0.000000	13.45600
ARCO_CLUSTER2 (45, 50)	0.000000	17.16800
ARCO_CLUSTER2 (45, 51)	0.000000	34.56800
ARCO_CLUSTER2 (46, 1)	0.000000	32.71200
ARCO_CLUSTER2 (46, 2)	0.000000	11.13600
ARCO_CLUSTER2 (46, 3)	0.000000	14.15200
ARCO_CLUSTER2 (46, 4)	0.000000	12.99200
ARCO_CLUSTER2 (46, 5)	0.000000	34.10400
ARCO_CLUSTER2 (46, 6)	0.000000	53.36000
ARCO_CLUSTER2 (46, 7)	0.000000	75.86400
ARCO_CLUSTER2 (46, 8)	0.000000	7.888000
ARCO_CLUSTER2 (46, 9)	0.000000	22.04000
ARCO_CLUSTER2 (46, 10)	0.000000	18.09600
ARCO_CLUSTER2 (46, 11)	0.000000	37.12000
ARCO_CLUSTER2 (46, 12)	0.000000	10.20800
ARCO_CLUSTER2 (46, 13)	0.000000	6.264000
ARCO_CLUSTER2 (46, 14)	0.000000	11.83200
ARCO_CLUSTER2 (46, 15)	0.000000	24.36000
ARCO_CLUSTER2 (46, 16)	0.000000	57.53600
ARCO_CLUSTER2 (46, 17)	0.000000	13.45600
ARCO_CLUSTER2 (46, 18)	0.000000	13.22400
ARCO_CLUSTER2 (46, 19)	0.000000	19.95200
ARCO_CLUSTER2 (46, 20)	0.000000	7.424000

ARCO_CLUSTER2 (46, 21)	0.000000	23.20000
ARCO_CLUSTER2 (46, 22)	0.000000	89.55200
ARCO_CLUSTER2 (46, 23)	0.000000	17.86400
ARCO_CLUSTER2 (46, 24)	0.000000	6.264000
ARCO_CLUSTER2 (46, 25)	0.000000	6.032000
ARCO_CLUSTER2 (46, 26)	0.000000	15.54400
ARCO_CLUSTER2 (46, 27)	0.000000	29.00000
ARCO_CLUSTER2 (46, 28)	0.000000	7.888000
ARCO_CLUSTER2 (46, 29)	0.000000	60.32000
ARCO_CLUSTER2 (46, 30)	0.000000	19.48800
ARCO_CLUSTER2 (46, 31)	0.000000	35.49600
ARCO_CLUSTER2 (46, 32)	0.000000	29.69600
ARCO_CLUSTER2 (46, 33)	1.000000	3.944000
ARCO_CLUSTER2 (46, 34)	0.000000	16.93600
ARCO_CLUSTER2 (46, 35)	0.000000	14.15200
ARCO_CLUSTER2 (46, 36)	0.000000	2.088000
ARCO_CLUSTER2 (46, 37)	0.000000	22.96800
ARCO_CLUSTER2 (46, 38)	0.000000	38.51200
ARCO_CLUSTER2 (46, 39)	0.000000	19.72000
ARCO_CLUSTER2 (46, 40)	0.000000	15.08000
ARCO_CLUSTER2 (46, 41)	0.000000	22.73600
ARCO_CLUSTER2 (46, 42)	0.000000	48.48800
ARCO_CLUSTER2 (46, 43)	0.000000	28.76800
ARCO_CLUSTER2 (46, 44)	0.000000	53.82400
ARCO_CLUSTER2 (46, 45)	0.000000	16.47200
ARCO_CLUSTER2 (46, 46)	0.000000	0.000000
ARCO_CLUSTER2 (46, 47)	0.000000	14.84800
ARCO_CLUSTER2 (46, 48)	0.000000	6.264000
ARCO_CLUSTER2 (46, 49)	0.000000	13.68800
ARCO_CLUSTER2 (46, 50)	0.000000	11.36800
ARCO_CLUSTER2 (46, 51)	0.000000	31.32000
ARCO_CLUSTER2 (47, 1)	0.000000	16.70400
ARCO_CLUSTER2 (47, 2)	0.000000	8.352000
ARCO_CLUSTER2 (47, 3)	0.000000	20.41600
ARCO_CLUSTER2 (47, 4)	0.000000	11.13600
ARCO_CLUSTER2 (47, 5)	0.000000	45.47200
ARCO_CLUSTER2 (47, 6)	0.000000	60.08800
ARCO_CLUSTER2 (47, 7)	0.000000	82.36000
ARCO_CLUSTER2 (47, 8)	0.000000	4.872000
ARCO_CLUSTER2 (47, 9)	0.000000	28.53600
ARCO_CLUSTER2 (47, 10)	0.000000	24.59200
ARCO_CLUSTER2 (47, 11)	0.000000	40.60000
ARCO_CLUSTER2 (47, 12)	0.000000	3.248000
ARCO_CLUSTER2 (47, 13)	0.000000	7.192000
ARCO_CLUSTER2 (47, 14)	0.000000	12.99200
ARCO_CLUSTER2 (47, 15)	0.000000	35.96000
ARCO_CLUSTER2 (47, 16)	0.000000	69.13600
ARCO_CLUSTER2 (47, 17)	0.000000	15.77600
ARCO_CLUSTER2 (47, 18)	0.000000	11.36800
ARCO_CLUSTER2 (47, 19)	0.000000	36.19200
ARCO_CLUSTER2 (47, 20)	0.000000	17.40000
ARCO_CLUSTER2 (47, 21)	0.000000	34.80000
ARCO_CLUSTER2 (47, 22)	0.000000	101.1520
ARCO_CLUSTER2 (47, 23)	0.000000	29.46400
ARCO_CLUSTER2 (47, 24)	0.000000	20.64800
ARCO_CLUSTER2 (47, 25)	0.000000	11.60000
ARCO_CLUSTER2 (47, 26)	0.000000	13.45600
ARCO_CLUSTER2 (47, 27)	0.000000	40.36800
ARCO_CLUSTER2 (47, 28)	0.000000	18.56000
ARCO_CLUSTER2 (47, 29)	0.000000	62.17600
ARCO_CLUSTER2 (47, 30)	0.000000	26.21600
ARCO_CLUSTER2 (47, 31)	0.000000	47.09600
ARCO_CLUSTER2 (47, 32)	0.000000	45.93600
ARCO_CLUSTER2 (47, 33)	0.000000	19.72000
ARCO_CLUSTER2 (47, 34)	0.000000	15.08000
ARCO_CLUSTER2 (47, 35)	1.000000	3.248000
ARCO_CLUSTER2 (47, 36)	0.000000	14.61600
ARCO_CLUSTER2 (47, 37)	0.000000	34.56800
ARCO_CLUSTER2 (47, 38)	0.000000	41.29600
ARCO_CLUSTER2 (47, 39)	0.000000	26.21600
ARCO_CLUSTER2 (47, 40)	0.000000	20.18400

ARCO_CLUSTER2 (47, 41)	0.000000	29.46400
ARCO_CLUSTER2 (47, 42)	0.000000	51.27200
ARCO_CLUSTER2 (47, 43)	0.000000	35.26400
ARCO_CLUSTER2 (47, 44)	0.000000	60.32000
ARCO_CLUSTER2 (47, 45)	0.000000	27.84000
ARCO_CLUSTER2 (47, 46)	0.000000	13.22400
ARCO_CLUSTER2 (47, 47)	0.000000	0.000000
ARCO_CLUSTER2 (47, 48)	0.000000	20.64800
ARCO_CLUSTER2 (47, 49)	0.000000	20.41600
ARCO_CLUSTER2 (47, 50)	0.000000	12.76000
ARCO_CLUSTER2 (47, 51)	0.000000	37.81600
ARCO_CLUSTER2 (48, 1)	0.000000	36.65600
ARCO_CLUSTER2 (48, 2)	0.000000	16.00800
ARCO_CLUSTER2 (48, 3)	0.000000	11.36800
ARCO_CLUSTER2 (48, 4)	0.000000	24.82400
ARCO_CLUSTER2 (48, 5)	0.000000	27.14400
ARCO_CLUSTER2 (48, 6)	0.000000	51.73600
ARCO_CLUSTER2 (48, 7)	0.000000	74.00800
ARCO_CLUSTER2 (48, 8)	0.000000	18.09600
ARCO_CLUSTER2 (48, 9)	0.000000	20.18400
ARCO_CLUSTER2 (48, 10)	0.000000	16.24000
ARCO_CLUSTER2 (48, 11)	0.000000	30.16000
ARCO_CLUSTER2 (48, 12)	0.000000	19.25600
ARCO_CLUSTER2 (48, 13)	0.000000	13.45600
ARCO_CLUSTER2 (48, 14)	0.000000	20.41600
ARCO_CLUSTER2 (48, 15)	0.000000	17.40000
ARCO_CLUSTER2 (48, 16)	0.000000	50.57600
ARCO_CLUSTER2 (48, 17)	0.000000	19.48800
ARCO_CLUSTER2 (48, 18)	0.000000	23.43200
ARCO_CLUSTER2 (48, 19)	0.000000	17.86400
ARCO_CLUSTER2 (48, 20)	0.000000	9.048000
ARCO_CLUSTER2 (48, 21)	0.000000	16.24000
ARCO_CLUSTER2 (48, 22)	0.000000	82.59200
ARCO_CLUSTER2 (48, 23)	0.000000	11.13600
ARCO_CLUSTER2 (48, 24)	0.000000	0.2320000
ARCO_CLUSTER2 (48, 25)	1.000000	7.192000
ARCO_CLUSTER2 (48, 26)	0.000000	25.28800
ARCO_CLUSTER2 (48, 27)	0.000000	22.04000
ARCO_CLUSTER2 (48, 28)	0.000000	5.104000
ARCO_CLUSTER2 (48, 29)	0.000000	53.82400
ARCO_CLUSTER2 (48, 30)	0.000000	17.86400
ARCO_CLUSTER2 (48, 31)	0.000000	28.76800
ARCO_CLUSTER2 (48, 32)	0.000000	27.60800
ARCO_CLUSTER2 (48, 33)	0.000000	3.944000
ARCO_CLUSTER2 (48, 34)	0.000000	26.91200
ARCO_CLUSTER2 (48, 35)	0.000000	24.59200
ARCO_CLUSTER2 (48, 36)	0.000000	7.656000
ARCO_CLUSTER2 (48, 37)	0.000000	16.24000
ARCO_CLUSTER2 (48, 38)	0.000000	31.55200
ARCO_CLUSTER2 (48, 39)	0.000000	17.86400
ARCO_CLUSTER2 (48, 40)	0.000000	12.52800
ARCO_CLUSTER2 (48, 41)	0.000000	21.11200
ARCO_CLUSTER2 (48, 42)	0.000000	41.52800
ARCO_CLUSTER2 (48, 43)	0.000000	26.91200
ARCO_CLUSTER2 (48, 44)	0.000000	51.96800
ARCO_CLUSTER2 (48, 45)	0.000000	9.512000
ARCO_CLUSTER2 (48, 46)	0.000000	8.816000
ARCO_CLUSTER2 (48, 47)	0.000000	21.57600
ARCO_CLUSTER2 (48, 48)	0.000000	0.000000
ARCO_CLUSTER2 (48, 49)	0.000000	12.06400
ARCO_CLUSTER2 (48, 50)	0.000000	19.25600
ARCO_CLUSTER2 (48, 51)	0.000000	29.46400
ARCO_CLUSTER2 (49, 1)	0.000000	36.19200
ARCO_CLUSTER2 (49, 2)	0.000000	24.12800
ARCO_CLUSTER2 (49, 3)	0.000000	5.568000
ARCO_CLUSTER2 (49, 4)	0.000000	26.91200
ARCO_CLUSTER2 (49, 5)	0.000000	27.60800
ARCO_CLUSTER2 (49, 6)	0.000000	44.77600
ARCO_CLUSTER2 (49, 7)	0.000000	67.04800
ARCO_CLUSTER2 (49, 8)	0.000000	16.70400
ARCO_CLUSTER2 (49, 9)	0.000000	10.90400

ARCO_CLUSTER2 (49, 10)	0.000000	7.888000
ARCO_CLUSTER2 (49, 11)	0.000000	21.11200
ARCO_CLUSTER2 (49, 12)	0.000000	18.09600
ARCO_CLUSTER2 (49, 13)	0.000000	18.09600
ARCO_CLUSTER2 (49, 14)	0.000000	29.92800
ARCO_CLUSTER2 (49, 15)	0.000000	17.86400
ARCO_CLUSTER2 (49, 16)	0.000000	48.25600
ARCO_CLUSTER2 (49, 17)	0.000000	29.92800
ARCO_CLUSTER2 (49, 18)	0.000000	33.87200
ARCO_CLUSTER2 (49, 19)	0.000000	28.30400
ARCO_CLUSTER2 (49, 20)	0.000000	19.72000
ARCO_CLUSTER2 (49, 21)	0.000000	18.56000
ARCO_CLUSTER2 (49, 22)	0.000000	80.50400
ARCO_CLUSTER2 (49, 23)	0.000000	21.57600
ARCO_CLUSTER2 (49, 24)	0.000000	10.44000
ARCO_CLUSTER2 (49, 25)	0.000000	11.36800
ARCO_CLUSTER2 (49, 26)	0.000000	35.72800
ARCO_CLUSTER2 (49, 27)	0.000000	22.27200
ARCO_CLUSTER2 (49, 28)	0.000000	10.67200
ARCO_CLUSTER2 (49, 29)	0.000000	46.86400
ARCO_CLUSTER2 (49, 30)	0.000000	7.888000
ARCO_CLUSTER2 (49, 31)	0.000000	29.00000
ARCO_CLUSTER2 (49, 32)	0.000000	38.04800
ARCO_CLUSTER2 (49, 33)	0.000000	11.60000
ARCO_CLUSTER2 (49, 34)	0.000000	37.35200
ARCO_CLUSTER2 (49, 35)	0.000000	23.20000
ARCO_CLUSTER2 (49, 36)	0.000000	18.09600
ARCO_CLUSTER2 (49, 37)	0.000000	26.68000
ARCO_CLUSTER2 (49, 38)	0.000000	21.80800
ARCO_CLUSTER2 (49, 39)	0.000000	9.280000
ARCO_CLUSTER2 (49, 40)	1.000000	3.944000
ARCO_CLUSTER2 (49, 41)	0.000000	12.52800
ARCO_CLUSTER2 (49, 42)	0.000000	31.78400
ARCO_CLUSTER2 (49, 43)	0.000000	16.47200
ARCO_CLUSTER2 (49, 44)	0.000000	48.72000
ARCO_CLUSTER2 (49, 45)	0.000000	19.95200
ARCO_CLUSTER2 (49, 46)	0.000000	16.70400
ARCO_CLUSTER2 (49, 47)	0.000000	20.41600
ARCO_CLUSTER2 (49, 48)	0.000000	10.44000
ARCO_CLUSTER2 (49, 49)	0.000000	0.000000
ARCO_CLUSTER2 (49, 50)	0.000000	25.28800
ARCO_CLUSTER2 (49, 51)	0.000000	20.88000
ARCO_CLUSTER2 (50, 1)	0.000000	20.41600
ARCO_CLUSTER2 (50, 2)	0.000000	8.352000
ARCO_CLUSTER2 (50, 3)	0.000000	30.39200
ARCO_CLUSTER2 (50, 4)	0.000000	5.336000
ARCO_CLUSTER2 (50, 5)	0.000000	34.10400
ARCO_CLUSTER2 (50, 6)	0.000000	73.08000
ARCO_CLUSTER2 (50, 7)	0.000000	95.58400
ARCO_CLUSTER2 (50, 8)	0.000000	9.512000
ARCO_CLUSTER2 (50, 9)	0.000000	37.35200
ARCO_CLUSTER2 (50, 10)	0.000000	33.64000
ARCO_CLUSTER2 (50, 11)	0.000000	37.12000
ARCO_CLUSTER2 (50, 12)	0.000000	11.13600
ARCO_CLUSTER2 (50, 13)	0.000000	9.280000
ARCO_CLUSTER2 (50, 14)	0.000000	0.8120000
ARCO_CLUSTER2 (50, 15)	0.000000	24.36000
ARCO_CLUSTER2 (50, 16)	0.000000	57.53600
ARCO_CLUSTER2 (50, 17)	0.000000	3.480000
ARCO_CLUSTER2 (50, 18)	0.000000	5.104000
ARCO_CLUSTER2 (50, 19)	0.000000	18.79200
ARCO_CLUSTER2 (50, 20)	1.000000	6.960000
ARCO_CLUSTER2 (50, 21)	0.000000	23.43200
ARCO_CLUSTER2 (50, 22)	0.000000	89.78400
ARCO_CLUSTER2 (50, 23)	0.000000	18.32800
ARCO_CLUSTER2 (50, 24)	0.000000	21.80800
ARCO_CLUSTER2 (50, 25)	0.000000	15.77600
ARCO_CLUSTER2 (50, 26)	0.000000	7.424000
ARCO_CLUSTER2 (50, 27)	0.000000	29.00000
ARCO_CLUSTER2 (50, 28)	0.000000	24.36000
ARCO_CLUSTER2 (50, 29)	0.000000	75.40000

ARCO_CLUSTER2 (50, 30)	0.000000	35.03200
ARCO_CLUSTER2 (50, 31)	0.000000	35.72800
ARCO_CLUSTER2 (50, 32)	0.000000	28.53600
ARCO_CLUSTER2 (50, 33)	0.000000	14.61600
ARCO_CLUSTER2 (50, 34)	0.000000	9.048000
ARCO_CLUSTER2 (50, 35)	0.000000	10.20800
ARCO_CLUSTER2 (50, 36)	0.000000	9.976000
ARCO_CLUSTER2 (50, 37)	0.000000	24.36000
ARCO_CLUSTER2 (50, 38)	0.000000	38.51200
ARCO_CLUSTER2 (50, 39)	0.000000	35.26400
ARCO_CLUSTER2 (50, 40)	0.000000	31.55200
ARCO_CLUSTER2 (50, 41)	0.000000	38.28000
ARCO_CLUSTER2 (50, 42)	0.000000	48.48800
ARCO_CLUSTER2 (50, 43)	0.000000	46.16800
ARCO_CLUSTER2 (50, 44)	0.000000	77.25600
ARCO_CLUSTER2 (50, 45)	0.000000	167.0400
ARCO_CLUSTER2 (50, 46)	0.000000	10.90400
ARCO_CLUSTER2 (50, 47)	0.000000	13.45600
ARCO_CLUSTER2 (50, 48)	0.000000	15.31200
ARCO_CLUSTER2 (50, 49)	0.000000	29.23200
ARCO_CLUSTER2 (50, 50)	0.000000	0.000000
ARCO_CLUSTER2 (50, 51)	0.000000	51.73600
ARCO_CLUSTER2 (51, 1)	0.000000	74.93600
ARCO_CLUSTER2 (51, 2)	0.000000	42.92000
ARCO_CLUSTER2 (51, 3)	0.000000	21.80800
ARCO_CLUSTER2 (51, 4)	0.000000	63.10400
ARCO_CLUSTER2 (51, 5)	0.000000	49.18400
ARCO_CLUSTER2 (51, 6)	1.000000	22.96800
ARCO_CLUSTER2 (51, 7)	0.000000	45.47200
ARCO_CLUSTER2 (51, 8)	0.000000	35.49600
ARCO_CLUSTER2 (51, 9)	0.000000	12.99200
ARCO_CLUSTER2 (51, 10)	0.000000	14.61600
ARCO_CLUSTER2 (51, 11)	0.000000	30.16000
ARCO_CLUSTER2 (51, 12)	0.000000	36.65600
ARCO_CLUSTER2 (51, 13)	0.000000	36.88800
ARCO_CLUSTER2 (51, 14)	0.000000	58.92800
ARCO_CLUSTER2 (51, 15)	0.000000	39.67200
ARCO_CLUSTER2 (51, 16)	0.000000	52.20000
ARCO_CLUSTER2 (51, 17)	0.000000	53.36000
ARCO_CLUSTER2 (51, 18)	0.000000	57.30400
ARCO_CLUSTER2 (51, 19)	0.000000	47.32800
ARCO_CLUSTER2 (51, 20)	0.000000	50.11200
ARCO_CLUSTER2 (51, 21)	0.000000	35.96000
ARCO_CLUSTER2 (51, 22)	0.000000	84.21600
ARCO_CLUSTER2 (51, 23)	0.000000	40.60000
ARCO_CLUSTER2 (51, 24)	0.000000	31.55200
ARCO_CLUSTER2 (51, 25)	0.000000	29.92800
ARCO_CLUSTER2 (51, 26)	0.000000	59.16000
ARCO_CLUSTER2 (51, 27)	0.000000	39.67200
ARCO_CLUSTER2 (51, 28)	0.000000	29.23200
ARCO_CLUSTER2 (51, 29)	0.000000	21.11200
ARCO_CLUSTER2 (51, 30)	0.000000	14.38400
ARCO_CLUSTER2 (51, 31)	0.000000	46.40000
ARCO_CLUSTER2 (51, 32)	0.000000	55.21600
ARCO_CLUSTER2 (51, 33)	0.000000	30.39200
ARCO_CLUSTER2 (51, 34)	0.000000	60.78400
ARCO_CLUSTER2 (51, 35)	0.000000	41.99200
ARCO_CLUSTER2 (51, 36)	0.000000	36.88800
ARCO_CLUSTER2 (51, 37)	0.000000	42.45600
ARCO_CLUSTER2 (51, 38)	0.000000	26.44800
ARCO_CLUSTER2 (51, 39)	0.000000	13.22400
ARCO_CLUSTER2 (51, 40)	0.000000	20.41600
ARCO_CLUSTER2 (51, 41)	0.000000	10.20800
ARCO_CLUSTER2 (51, 42)	0.000000	36.42400
ARCO_CLUSTER2 (51, 43)	0.000000	8.816000
ARCO_CLUSTER2 (51, 44)	0.000000	22.50400
ARCO_CLUSTER2 (51, 45)	0.000000	41.99200
ARCO_CLUSTER2 (51, 46)	0.000000	35.49600
ARCO_CLUSTER2 (51, 47)	0.000000	39.20800
ARCO_CLUSTER2 (51, 48)	0.000000	31.55200
ARCO_CLUSTER2 (51, 49)	0.000000	21.11200

ARCO_CLUSTER2 (51, 50)	0.000000	53.36000
ARCO_CLUSTER2 (51, 51)	0.000000	0.000000

Row	Slack or Surplus	Dual Price
1	0.000000	0.000000
2	466.6680	-1.000000
3	0.000000	0.000000
4	0.000000	0.000000
5	0.000000	0.000000
6	0.000000	0.000000
7	0.000000	0.000000
8	0.000000	0.000000
9	0.000000	0.000000
10	0.000000	0.000000
11	0.000000	0.000000
12	0.000000	0.000000
13	0.000000	0.000000
14	0.000000	0.000000
15	0.000000	0.000000
16	0.000000	0.000000
17	0.000000	0.000000
18	0.000000	0.000000
19	0.000000	0.000000
20	0.000000	0.000000
21	0.000000	0.000000
22	0.000000	0.000000
23	0.000000	0.000000
24	0.000000	0.000000
25	0.000000	0.000000
26	0.000000	0.000000
27	0.000000	0.000000
28	0.000000	0.000000
29	0.000000	0.000000
30	0.000000	0.000000
31	0.000000	0.000000
32	0.000000	0.000000
33	0.000000	0.000000
34	0.000000	0.000000
35	0.000000	0.000000
36	0.000000	0.000000
37	0.000000	0.000000
38	0.000000	0.000000
39	0.000000	0.000000
40	0.000000	0.000000
41	0.000000	0.000000
42	0.000000	0.000000
43	0.000000	0.000000
44	0.000000	0.000000
45	0.000000	0.000000
46	0.000000	0.000000
47	0.000000	0.000000
48	0.000000	0.000000
49	0.000000	0.000000
50	0.000000	0.000000
51	0.000000	0.000000
52	0.000000	0.000000
53	0.000000	0.000000
54	0.000000	0.000000
55	0.000000	0.000000
56	0.000000	0.000000
57	0.000000	0.000000
58	0.000000	0.000000
59	0.000000	0.000000
60	0.000000	0.000000
61	0.000000	0.000000
62	0.000000	0.000000
63	0.000000	0.000000
64	0.000000	0.000000
65	0.000000	0.000000
66	0.000000	0.000000
67	0.000000	0.000000

68	0.000000	0.000000
69	0.000000	0.000000
70	0.000000	0.000000
71	0.000000	0.000000
72	0.000000	0.000000
73	0.000000	0.000000
74	0.000000	0.000000
75	0.000000	0.000000
76	0.000000	0.000000
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2194	44.00000	0.000000
2195	54.00000	0.000000
2196	50.00000	0.000000
2197	49.00000	0.000000

2198	67.00000	0.000000
2199	36.00000	0.000000
2200	75.00000	0.000000
2201	70.00000	0.000000
2202	39.00000	0.000000
2203	33.00000	0.000000
2204	45.00000	0.000000
2205	78.00000	0.000000
2206	42.00000	0.000000
2207	79.00000	0.000000
2208	60.00000	0.000000
2209	47.00000	0.000000
2210	48.00000	0.000000
2211	74.00000	0.000000
2212	53.00000	0.000000
2213	43.00000	0.000000
2214	56.00000	0.000000
2215	75.00000	0.000000
2216	73.00000	0.000000
2217	33.00000	0.000000
2218	62.00000	0.000000
2219	57.00000	0.000000
2220	32.00000	0.000000
2221	80.00000	0.000000
2222	65.00000	0.000000
2223	35.00000	0.000000
2224	63.00000	0.000000
2225	58.00000	0.000000
2226	67.00000	0.000000
2227	69.00000	0.000000
2228	72.00000	0.000000
2229	30.00000	0.000000
2230	61.00000	0.000000
2231	39.00000	0.000000
2232	49.00000	0.000000
2233	52.00000	0.000000
2234	59.00000	0.000000
2235	66.00000	0.000000
2236	38.00000	0.000000
2237	31.00000	0.000000
2238	77.00000	0.000000
2239	36.00000	0.000000
2240	64.00000	0.000000
2241	54.00000	0.000000
2242	44.00000	0.000000
2243	41.00000	0.000000
2244	45.00000	0.000000
2245	55.00000	0.000000
2246	0.000000	0.000000
2247	50.00000	0.000000
2248	68.00000	0.000000
2249	37.00000	0.000000
2250	76.00000	0.000000
2251	71.00000	0.000000
2252	40.00000	0.000000
2253	34.00000	0.000000
2254	46.00000	0.000000
2255	60.00000	0.000000
2256	24.00000	0.000000
2257	61.00000	0.000000
2258	42.00000	0.000000
2259	29.00000	0.000000
2260	30.00000	0.000000
2261	56.00000	0.000000
2262	35.00000	0.000000
2263	25.00000	0.000000
2264	38.00000	0.000000
2265	57.00000	0.000000
2266	55.00000	0.000000
2267	15.00000	0.000000
2268	44.00000	0.000000

2269	39.00000	0.000000
2270	14.00000	0.000000
2271	62.00000	0.000000
2272	47.00000	0.000000
2273	17.00000	0.000000
2274	45.00000	0.000000
2275	40.00000	0.000000
2276	49.00000	0.000000
2277	0.000000	0.000000
2278	54.00000	0.000000
2279	12.00000	0.000000
2280	43.00000	0.000000
2281	21.00000	0.000000
2282	31.00000	0.000000
2283	34.00000	0.000000
2284	41.00000	0.000000
2285	48.00000	0.000000
2286	20.00000	0.000000
2287	13.00000	0.000000
2288	59.00000	0.000000
2289	18.00000	0.000000
2290	46.00000	0.000000
2291	36.00000	0.000000
2292	26.00000	0.000000
2293	23.00000	0.000000
2294	27.00000	0.000000
2295	37.00000	0.000000
2296	33.00000	0.000000
2297	32.00000	0.000000
2298	50.00000	0.000000
2299	19.00000	0.000000
2300	58.00000	0.000000
2301	53.00000	0.000000
2302	22.00000	0.000000
2303	16.00000	0.000000
2304	28.00000	0.000000
2305	91.00000	0.000000
2306	55.00000	0.000000
2307	92.00000	0.000000
2308	73.00000	0.000000
2309	60.00000	0.000000
2310	61.00000	0.000000
2311	87.00000	0.000000
2312	66.00000	0.000000
2313	56.00000	0.000000
2314	69.00000	0.000000
2315	88.00000	0.000000
2316	86.00000	0.000000
2317	46.00000	0.000000
2318	75.00000	0.000000
2319	70.00000	0.000000
2320	45.00000	0.000000
2321	93.00000	0.000000
2322	78.00000	0.000000
2323	48.00000	0.000000
2324	76.00000	0.000000
2325	71.00000	0.000000
2326	80.00000	0.000000
2327	82.00000	0.000000
2328	85.00000	0.000000
2329	43.00000	0.000000
2330	74.00000	0.000000
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2332	62.00000	0.000000
2333	65.00000	0.000000
2334	72.00000	0.000000
2335	79.00000	0.000000
2336	0.000000	0.000000
2337	44.00000	0.000000
2338	90.00000	0.000000
2339	49.00000	0.000000

2340	77.00000	0.000000
2341	67.00000	0.000000
2342	57.00000	0.000000
2343	54.00000	0.000000
2344	58.00000	0.000000
2345	68.00000	0.000000
2346	64.00000	0.000000
2347	63.00000	0.000000
2348	81.00000	0.000000
2349	50.00000	0.000000
2350	89.00000	0.000000
2351	84.00000	0.000000
2352	53.00000	0.000000
2353	47.00000	0.000000
2354	59.00000	0.000000
2355	52.00000	0.000000
2356	16.00000	0.000000
2357	53.00000	0.000000
2358	34.00000	0.000000
2359	21.00000	0.000000
2360	22.00000	0.000000
2361	48.00000	0.000000
2362	27.00000	0.000000
2363	17.00000	0.000000
2364	30.00000	0.000000
2365	49.00000	0.000000
2366	47.00000	0.000000
2367	7.000000	0.000000
2368	36.00000	0.000000
2369	31.00000	0.000000
2370	6.000000	0.000000
2371	54.00000	0.000000
2372	39.00000	0.000000
2373	9.000000	0.000000
2374	37.00000	0.000000
2375	32.00000	0.000000
2376	41.00000	0.000000
2377	43.00000	0.000000
2378	46.00000	0.000000
2379	4.000000	0.000000
2380	35.00000	0.000000
2381	13.00000	0.000000
2382	23.00000	0.000000
2383	26.00000	0.000000
2384	33.00000	0.000000
2385	40.00000	0.000000
2386	12.00000	0.000000
2387	5.000000	0.000000
2388	0.000000	0.000000
2389	10.00000	0.000000
2390	38.00000	0.000000
2391	28.00000	0.000000
2392	18.00000	0.000000
2393	15.00000	0.000000
2394	19.00000	0.000000
2395	29.00000	0.000000
2396	25.00000	0.000000
2397	24.00000	0.000000
2398	42.00000	0.000000
2399	11.00000	0.000000
2400	50.00000	0.000000
2401	45.00000	0.000000
2402	14.00000	0.000000
2403	8.000000	0.000000
2404	20.00000	0.000000
2405	57.00000	0.000000
2406	21.00000	0.000000
2407	58.00000	0.000000
2408	39.00000	0.000000
2409	26.00000	0.000000
2410	27.00000	0.000000

2411	53.00000	0.000000
2412	32.00000	0.000000
2413	22.00000	0.000000
2414	35.00000	0.000000
2415	54.00000	0.000000
2416	52.00000	0.000000
2417	12.00000	0.000000
2418	41.00000	0.000000
2419	36.00000	0.000000
2420	11.00000	0.000000
2421	59.00000	0.000000
2422	44.00000	0.000000
2423	14.00000	0.000000
2424	42.00000	0.000000
2425	37.00000	0.000000
2426	46.00000	0.000000
2427	48.00000	0.000000
2428	0.000000	0.000000
2429	9.000000	0.000000
2430	40.00000	0.000000
2431	18.00000	0.000000
2432	28.00000	0.000000
2433	31.00000	0.000000
2434	38.00000	0.000000
2435	45.00000	0.000000
2436	17.00000	0.000000
2437	10.00000	0.000000
2438	56.00000	0.000000
2439	15.00000	0.000000
2440	43.00000	0.000000
2441	33.00000	0.000000
2442	23.00000	0.000000
2443	20.00000	0.000000
2444	24.00000	0.000000
2445	34.00000	0.000000
2446	30.00000	0.000000
2447	29.00000	0.000000
2448	47.00000	0.000000
2449	16.00000	0.000000
2450	55.00000	0.000000
2451	50.00000	0.000000
2452	19.00000	0.000000
2453	13.00000	0.000000
2454	25.00000	0.000000
2455	88.00000	0.000000
2456	52.00000	0.000000
2457	89.00000	0.000000
2458	70.00000	0.000000
2459	57.00000	0.000000
2460	58.00000	0.000000
2461	84.00000	0.000000
2462	63.00000	0.000000
2463	53.00000	0.000000
2464	66.00000	0.000000
2465	85.00000	0.000000
2466	83.00000	0.000000
2467	43.00000	0.000000
2468	72.00000	0.000000
2469	67.00000	0.000000
2470	42.00000	0.000000
2471	90.00000	0.000000
2472	75.00000	0.000000
2473	45.00000	0.000000
2474	73.00000	0.000000
2475	68.00000	0.000000
2476	77.00000	0.000000
2477	79.00000	0.000000
2478	82.00000	0.000000
2479	40.00000	0.000000
2480	71.00000	0.000000
2481	49.00000	0.000000

2482	59.00000	0.000000
2483	62.00000	0.000000
2484	69.00000	0.000000
2485	76.00000	0.000000
2486	48.00000	0.000000
2487	41.00000	0.000000
2488	87.00000	0.000000
2489	46.00000	0.000000
2490	74.00000	0.000000
2491	64.00000	0.000000
2492	54.00000	0.000000
2493	0.000000	0.000000
2494	55.00000	0.000000
2495	65.00000	0.000000
2496	61.00000	0.000000
2497	60.00000	0.000000
2498	78.00000	0.000000
2499	47.00000	0.000000
2500	86.00000	0.000000
2501	81.00000	0.000000
2502	50.00000	0.000000
2503	44.00000	0.000000
2504	56.00000	0.000000
2505	94.00000	0.000000
2506	58.00000	0.000000
2507	95.00000	0.000000
2508	76.00000	0.000000
2509	63.00000	0.000000
2510	64.00000	0.000000
2511	90.00000	0.000000
2512	69.00000	0.000000
2513	59.00000	0.000000
2514	72.00000	0.000000
2515	91.00000	0.000000
2516	89.00000	0.000000
2517	49.00000	0.000000
2518	78.00000	0.000000
2519	73.00000	0.000000
2520	48.00000	0.000000
2521	96.00000	0.000000
2522	81.00000	0.000000
2523	0.000000	0.000000
2524	79.00000	0.000000
2525	74.00000	0.000000
2526	83.00000	0.000000
2527	85.00000	0.000000
2528	88.00000	0.000000
2529	46.00000	0.000000
2530	77.00000	0.000000
2531	55.00000	0.000000
2532	65.00000	0.000000
2533	68.00000	0.000000
2534	75.00000	0.000000
2535	82.00000	0.000000
2536	54.00000	0.000000
2537	47.00000	0.000000
2538	93.00000	0.000000
2539	52.00000	0.000000
2540	80.00000	0.000000
2541	70.00000	0.000000
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2543	57.00000	0.000000
2544	61.00000	0.000000
2545	71.00000	0.000000
2546	67.00000	0.000000
2547	66.00000	0.000000
2548	84.00000	0.000000
2549	53.00000	0.000000
2550	92.00000	0.000000
2551	87.00000	0.000000
2552	56.00000	0.000000

2553	50.00000	0.000000
2554	62.00000	0.000000
2555	82.00000	0.000000
2556	46.00000	0.000000
2557	83.00000	0.000000
2558	64.00000	0.000000
2559	0.000000	0.000000
2560	52.00000	0.000000
2561	78.00000	0.000000
2562	57.00000	0.000000
2563	47.00000	0.000000
2564	60.00000	0.000000
2565	79.00000	0.000000
2566	77.00000	0.000000
2567	37.00000	0.000000
2568	66.00000	0.000000
2569	61.00000	0.000000
2570	36.00000	0.000000
2571	84.00000	0.000000
2572	69.00000	0.000000
2573	39.00000	0.000000
2574	67.00000	0.000000
2575	62.00000	0.000000
2576	71.00000	0.000000
2577	73.00000	0.000000
2578	76.00000	0.000000
2579	34.00000	0.000000
2580	65.00000	0.000000
2581	43.00000	0.000000
2582	53.00000	0.000000
2583	56.00000	0.000000
2584	63.00000	0.000000
2585	70.00000	0.000000
2586	42.00000	0.000000
2587	35.00000	0.000000
2588	81.00000	0.000000
2589	40.00000	0.000000
2590	68.00000	0.000000
2591	58.00000	0.000000
2592	48.00000	0.000000
2593	45.00000	0.000000
2594	49.00000	0.000000
2595	59.00000	0.000000
2596	55.00000	0.000000
2597	54.00000	0.000000
2598	72.00000	0.000000
2599	41.00000	0.000000
2600	80.00000	0.000000
2601	75.00000	0.000000
2602	44.00000	0.000000
2603	38.00000	0.000000
2604	50.00000	0.000000

Figura 9. Solución Clúster 3

Global optimal solution found.
 Objective value: 714.7296
 Objective bound: 714.7296
 Infeasibilities: 0.3552714E-14
 Extended solver steps: 3807
 Total solver iterations: 102068

Variable	Value	Reduced Cost
N	41.00000	0.000000
VAR_ENT_CLUSTER3(1)	0.000000	0.000000
VAR_ENT_CLUSTER3(2)	11.00000	0.000000
VAR_ENT_CLUSTER3(3)	16.00000	0.000000
VAR_ENT_CLUSTER3(4)	32.00000	0.000000
VAR_ENT_CLUSTER3(5)	31.00000	0.000000

VAR_ENT_CLUSTER3 (6)	22.00000	0.000000
VAR_ENT_CLUSTER3 (7)	10.00000	0.000000
VAR_ENT_CLUSTER3 (8)	21.00000	0.000000
VAR_ENT_CLUSTER3 (9)	36.00000	0.000000
VAR_ENT_CLUSTER3 (10)	1.000000	0.000000
VAR_ENT_CLUSTER3 (11)	33.00000	0.000000
VAR_ENT_CLUSTER3 (12)	28.00000	0.000000
VAR_ENT_CLUSTER3 (13)	27.00000	0.000000
VAR_ENT_CLUSTER3 (14)	39.00000	0.000000
VAR_ENT_CLUSTER3 (15)	14.00000	0.000000
VAR_ENT_CLUSTER3 (16)	30.00000	0.000000
VAR_ENT_CLUSTER3 (17)	12.00000	0.000000
VAR_ENT_CLUSTER3 (18)	18.00000	0.000000
VAR_ENT_CLUSTER3 (19)	13.00000	0.000000
VAR_ENT_CLUSTER3 (20)	6.000000	0.000000
VAR_ENT_CLUSTER3 (21)	29.00000	0.000000
VAR_ENT_CLUSTER3 (22)	26.00000	0.000000
VAR_ENT_CLUSTER3 (23)	7.000000	0.000000
VAR_ENT_CLUSTER3 (24)	38.00000	0.000000
VAR_ENT_CLUSTER3 (25)	20.00000	0.000000
VAR_ENT_CLUSTER3 (26)	40.00000	0.000000
VAR_ENT_CLUSTER3 (27)	25.00000	0.000000
VAR_ENT_CLUSTER3 (28)	17.00000	0.000000
VAR_ENT_CLUSTER3 (29)	23.00000	0.000000
VAR_ENT_CLUSTER3 (30)	9.000000	0.000000
VAR_ENT_CLUSTER3 (31)	8.000000	0.000000
VAR_ENT_CLUSTER3 (32)	3.000000	0.000000
VAR_ENT_CLUSTER3 (33)	0.000000	0.000000
VAR_ENT_CLUSTER3 (34)	37.00000	0.000000
VAR_ENT_CLUSTER3 (35)	24.00000	0.000000
VAR_ENT_CLUSTER3 (36)	5.000000	0.000000
VAR_ENT_CLUSTER3 (37)	4.000000	0.000000
VAR_ENT_CLUSTER3 (38)	2.000000	0.000000
VAR_ENT_CLUSTER3 (39)	19.00000	0.000000
VAR_ENT_CLUSTER3 (40)	15.00000	0.000000
VAR_ENT_CLUSTER3 (41)	34.00000	0.000000
COSTO_CLUSTER3 (1, 1)	0.000000	0.000000
COSTO_CLUSTER3 (1, 2)	80.49600	0.000000
COSTO_CLUSTER3 (1, 3)	73.32000	0.000000
COSTO_CLUSTER3 (1, 4)	30.88800	0.000000
COSTO_CLUSTER3 (1, 5)	34.00800	0.000000
COSTO_CLUSTER3 (1, 6)	57.09600	0.000000
COSTO_CLUSTER3 (1, 7)	73.32000	0.000000
COSTO_CLUSTER3 (1, 8)	55.53600	0.000000
COSTO_CLUSTER3 (1, 9)	27.14400	0.000000
COSTO_CLUSTER3 (1, 10)	7.488000	0.000000
COSTO_CLUSTER3 (1, 11)	25.58400	0.000000
COSTO_CLUSTER3 (1, 12)	50.85600	0.000000
COSTO_CLUSTER3 (1, 13)	46.80000	0.000000
COSTO_CLUSTER3 (1, 14)	7.176000	0.000000
COSTO_CLUSTER3 (1, 15)	131.9760	0.000000
COSTO_CLUSTER3 (1, 16)	44.92800	0.000000
COSTO_CLUSTER3 (1, 17)	83.61600	0.000000
COSTO_CLUSTER3 (1, 18)	65.83200	0.000000
COSTO_CLUSTER3 (1, 19)	101.0880	0.000000
COSTO_CLUSTER3 (1, 20)	81.12000	0.000000
COSTO_CLUSTER3 (1, 21)	42.12000	0.000000
COSTO_CLUSTER3 (1, 22)	54.91200	0.000000
COSTO_CLUSTER3 (1, 23)	263.3280	0.000000
COSTO_CLUSTER3 (1, 24)	18.40800	0.000000
COSTO_CLUSTER3 (1, 25)	57.09600	0.000000
COSTO_CLUSTER3 (1, 26)	4.992000	0.000000
COSTO_CLUSTER3 (1, 27)	53.35200	0.000000
COSTO_CLUSTER3 (1, 28)	65.20800	0.000000
COSTO_CLUSTER3 (1, 29)	52.72800	0.000000
COSTO_CLUSTER3 (1, 30)	73.63200	0.000000
COSTO_CLUSTER3 (1, 31)	80.49600	0.000000
COSTO_CLUSTER3 (1, 32)	39.31200	0.000000
COSTO_CLUSTER3 (1, 33)	4.680000	0.000000
COSTO_CLUSTER3 (1, 34)	27.76800	0.000000
COSTO_CLUSTER3 (1, 35)	53.97600	0.000000

COSTO_CLUSTER3 (1, 36)	62.08800	0.000000
COSTO_CLUSTER3 (1, 37)	55.22400	0.000000
COSTO_CLUSTER3 (1, 38)	8.424000	0.000000
COSTO_CLUSTER3 (1, 39)	62.40000	0.000000
COSTO_CLUSTER3 (1, 40)	69.26400	0.000000
COSTO_CLUSTER3 (1, 41)	25.89600	0.000000
COSTO_CLUSTER3 (2, 1)	105.7680	0.000000
COSTO_CLUSTER3 (2, 2)	0.000000	0.000000
COSTO_CLUSTER3 (2, 3)	30.26400	0.000000
COSTO_CLUSTER3 (2, 4)	58.96800	0.000000
COSTO_CLUSTER3 (2, 5)	53.97600	0.000000
COSTO_CLUSTER3 (2, 6)	28.08000	0.000000
COSTO_CLUSTER3 (2, 7)	15.28800	0.000000
COSTO_CLUSTER3 (2, 8)	29.01600	0.000000
COSTO_CLUSTER3 (2, 9)	58.03200	0.000000
COSTO_CLUSTER3 (2, 10)	128.2320	0.000000
COSTO_CLUSTER3 (2, 11)	57.40800	0.000000
COSTO_CLUSTER3 (2, 12)	37.44000	0.000000
COSTO_CLUSTER3 (2, 13)	39.31200	0.000000
COSTO_CLUSTER3 (2, 14)	86.11200	0.000000
COSTO_CLUSTER3 (2, 15)	63.33600	0.000000
COSTO_CLUSTER3 (2, 16)	44.92800	0.000000
COSTO_CLUSTER3 (2, 17)	4.992000	0.000000
COSTO_CLUSTER3 (2, 18)	22.77600	0.000000
COSTO_CLUSTER3 (2, 19)	34.94400	0.000000
COSTO_CLUSTER3 (2, 20)	174.7200	0.000000
COSTO_CLUSTER3 (2, 21)	40.56000	0.000000
COSTO_CLUSTER3 (2, 22)	39.00000	0.000000
COSTO_CLUSTER3 (2, 23)	355.6800	0.000000
COSTO_CLUSTER3 (2, 24)	66.45600	0.000000
COSTO_CLUSTER3 (2, 25)	30.57600	0.000000
COSTO_CLUSTER3 (2, 26)	81.12000	0.000000
COSTO_CLUSTER3 (2, 27)	28.70400	0.000000
COSTO_CLUSTER3 (2, 28)	16.84800	0.000000
COSTO_CLUSTER3 (2, 29)	30.88800	0.000000
COSTO_CLUSTER3 (2, 30)	15.60000	0.000000
COSTO_CLUSTER3 (2, 31)	14.35200	0.000000
COSTO_CLUSTER3 (2, 32)	132.9120	0.000000
COSTO_CLUSTER3 (2, 33)	86.11200	0.000000
COSTO_CLUSTER3 (2, 34)	62.71200	0.000000
COSTO_CLUSTER3 (2, 35)	31.82400	0.000000
COSTO_CLUSTER3 (2, 36)	155.6880	0.000000
COSTO_CLUSTER3 (2, 37)	151.6320	0.000000
COSTO_CLUSTER3 (2, 38)	129.1680	0.000000
COSTO_CLUSTER3 (2, 39)	28.70400	0.000000
COSTO_CLUSTER3 (2, 40)	34.32000	0.000000
COSTO_CLUSTER3 (2, 41)	58.03200	0.000000
COSTO_CLUSTER3 (3, 1)	70.51200	0.000000
COSTO_CLUSTER3 (3, 2)	29.32800	0.000000
COSTO_CLUSTER3 (3, 3)	0.000000	0.000000
COSTO_CLUSTER3 (3, 4)	46.48800	0.000000
COSTO_CLUSTER3 (3, 5)	39.93600	0.000000
COSTO_CLUSTER3 (3, 6)	17.16000	0.000000
COSTO_CLUSTER3 (3, 7)	32.44800	0.000000
COSTO_CLUSTER3 (3, 8)	17.16000	0.000000
COSTO_CLUSTER3 (3, 9)	51.48000	0.000000
COSTO_CLUSTER3 (3, 10)	74.25600	0.000000
COSTO_CLUSTER3 (3, 11)	50.23200	0.000000
COSTO_CLUSTER3 (3, 12)	27.45600	0.000000
COSTO_CLUSTER3 (3, 13)	29.01600	0.000000
COSTO_CLUSTER3 (3, 14)	71.44800	0.000000
COSTO_CLUSTER3 (3, 15)	68.95200	0.000000
COSTO_CLUSTER3 (3, 16)	34.00800	0.000000
COSTO_CLUSTER3 (3, 17)	20.59200	0.000000
COSTO_CLUSTER3 (3, 18)	7.488000	0.000000
COSTO_CLUSTER3 (3, 19)	38.06400	0.000000
COSTO_CLUSTER3 (3, 20)	163.4880	0.000000
COSTO_CLUSTER3 (3, 21)	30.26400	0.000000
COSTO_CLUSTER3 (3, 22)	28.70400	0.000000
COSTO_CLUSTER3 (3, 23)	346.3200	0.000000
COSTO_CLUSTER3 (3, 24)	60.21600	0.000000

COSTO_CLUSTER3 (3, 25)	15.91200	0.000000
COSTO_CLUSTER3 (3, 26)	66.45600	0.000000
COSTO_CLUSTER3 (3, 27)	28.08000	0.000000
COSTO_CLUSTER3 (3, 28)	13.10400	0.000000
COSTO_CLUSTER3 (3, 29)	25.58400	0.000000
COSTO_CLUSTER3 (3, 30)	32.76000	0.000000
COSTO_CLUSTER3 (3, 31)	39.00000	0.000000
COSTO_CLUSTER3 (3, 32)	121.3680	0.000000
COSTO_CLUSTER3 (3, 33)	71.44800	0.000000
COSTO_CLUSTER3 (3, 34)	48.67200	0.000000
COSTO_CLUSTER3 (3, 35)	27.76800	0.000000
COSTO_CLUSTER3 (3, 36)	144.4560	0.000000
COSTO_CLUSTER3 (3, 37)	137.5920	0.000000
COSTO_CLUSTER3 (3, 38)	75.19200	0.000000
COSTO_CLUSTER3 (3, 39)	9.360000	0.000000
COSTO_CLUSTER3 (3, 40)	11.85600	0.000000
COSTO_CLUSTER3 (3, 41)	50.23200	0.000000
COSTO_CLUSTER3 (4, 1)	33.38400	0.000000
COSTO_CLUSTER3 (4, 2)	57.40800	0.000000
COSTO_CLUSTER3 (4, 3)	49.60800	0.000000
COSTO_CLUSTER3 (4, 4)	0.000000	0.000000
COSTO_CLUSTER3 (4, 5)	5.928000	0.000000
COSTO_CLUSTER3 (4, 6)	32.44800	0.000000
COSTO_CLUSTER3 (4, 7)	50.23200	0.000000
COSTO_CLUSTER3 (4, 8)	31.20000	0.000000
COSTO_CLUSTER3 (4, 9)	4.368000	0.000000
COSTO_CLUSTER3 (4, 10)	36.81600	0.000000
COSTO_CLUSTER3 (4, 11)	3.432000	0.000000
COSTO_CLUSTER3 (4, 12)	18.72000	0.000000
COSTO_CLUSTER3 (4, 13)	19.96800	0.000000
COSTO_CLUSTER3 (4, 14)	34.00800	0.000000
COSTO_CLUSTER3 (4, 15)	108.2640	0.000000
COSTO_CLUSTER3 (4, 16)	16.22400	0.000000
COSTO_CLUSTER3 (4, 17)	58.65600	0.000000
COSTO_CLUSTER3 (4, 18)	42.12000	0.000000
COSTO_CLUSTER3 (4, 19)	77.37600	0.000000
COSTO_CLUSTER3 (4, 20)	108.5760	0.000000
COSTO_CLUSTER3 (4, 21)	15.91200	0.000000
COSTO_CLUSTER3 (4, 22)	27.14400	0.000000
COSTO_CLUSTER3 (4, 23)	290.7840	0.000000
COSTO_CLUSTER3 (4, 24)	12.48000	0.000000
COSTO_CLUSTER3 (4, 25)	33.38400	0.000000
COSTO_CLUSTER3 (4, 26)	29.01600	0.000000
COSTO_CLUSTER3 (4, 27)	30.26400	0.000000
COSTO_CLUSTER3 (4, 28)	41.49600	0.000000
COSTO_CLUSTER3 (4, 29)	29.01600	0.000000
COSTO_CLUSTER3 (4, 30)	50.54400	0.000000
COSTO_CLUSTER3 (4, 31)	57.40800	0.000000
COSTO_CLUSTER3 (4, 32)	66.76800	0.000000
COSTO_CLUSTER3 (4, 33)	34.00800	0.000000
COSTO_CLUSTER3 (4, 34)	4.680000	0.000000
COSTO_CLUSTER3 (4, 35)	30.88800	0.000000
COSTO_CLUSTER3 (4, 36)	89.54400	0.000000
COSTO_CLUSTER3 (4, 37)	61.46400	0.000000
COSTO_CLUSTER3 (4, 38)	37.75200	0.000000
COSTO_CLUSTER3 (4, 39)	38.68800	0.000000
COSTO_CLUSTER3 (4, 40)	45.55200	0.000000
COSTO_CLUSTER3 (4, 41)	3.432000	0.000000
COSTO_CLUSTER3 (5, 1)	38.06400	0.000000
COSTO_CLUSTER3 (5, 2)	52.41600	0.000000
COSTO_CLUSTER3 (5, 3)	47.73600	0.000000
COSTO_CLUSTER3 (5, 4)	6.240000	0.000000
COSTO_CLUSTER3 (5, 5)	0.000000	0.000000
COSTO_CLUSTER3 (5, 6)	24.96000	0.000000
COSTO_CLUSTER3 (5, 7)	45.24000	0.000000
COSTO_CLUSTER3 (5, 8)	23.71200	0.000000
COSTO_CLUSTER3 (5, 9)	10.60800	0.000000
COSTO_CLUSTER3 (5, 10)	41.49600	0.000000
COSTO_CLUSTER3 (5, 11)	10.29600	0.000000
COSTO_CLUSTER3 (5, 12)	13.72800	0.000000
COSTO_CLUSTER3 (5, 13)	14.97600	0.000000

COSTO_CLUSTER3 (5, 14)	38.68800	0.000000
COSTO_CLUSTER3 (5, 15)	106.0800	0.000000
COSTO_CLUSTER3 (5, 16)	9.360000	0.000000
COSTO_CLUSTER3 (5, 17)	55.53600	0.000000
COSTO_CLUSTER3 (5, 18)	40.24800	0.000000
COSTO_CLUSTER3 (5, 19)	75.19200	0.000000
COSTO_CLUSTER3 (5, 20)	123.2400	0.000000
COSTO_CLUSTER3 (5, 21)	14.97600	0.000000
COSTO_CLUSTER3 (5, 22)	19.96800	0.000000
COSTO_CLUSTER3 (5, 23)	305.1360	0.000000
COSTO_CLUSTER3 (5, 24)	19.34400	0.000000
COSTO_CLUSTER3 (5, 25)	25.27200	0.000000
COSTO_CLUSTER3 (5, 26)	33.69600	0.000000
COSTO_CLUSTER3 (5, 27)	25.27200	0.000000
COSTO_CLUSTER3 (5, 28)	33.38400	0.000000
COSTO_CLUSTER3 (5, 29)	21.21600	0.000000
COSTO_CLUSTER3 (5, 30)	45.55200	0.000000
COSTO_CLUSTER3 (5, 31)	52.41600	0.000000
COSTO_CLUSTER3 (5, 32)	81.12000	0.000000
COSTO_CLUSTER3 (5, 33)	38.68800	0.000000
COSTO_CLUSTER3 (5, 34)	9.048000	0.000000
COSTO_CLUSTER3 (5, 35)	25.89600	0.000000
COSTO_CLUSTER3 (5, 36)	103.8960	0.000000
COSTO_CLUSTER3 (5, 37)	66.76800	0.000000
COSTO_CLUSTER3 (5, 38)	42.43200	0.000000
COSTO_CLUSTER3 (5, 39)	36.50400	0.000000
COSTO_CLUSTER3 (5, 40)	43.36800	0.000000
COSTO_CLUSTER3 (5, 41)	10.60800	0.000000
COSTO_CLUSTER3 (6, 1)	56.47200	0.000000
COSTO_CLUSTER3 (6, 2)	29.32800	0.000000
COSTO_CLUSTER3 (6, 3)	21.84000	0.000000
COSTO_CLUSTER3 (6, 4)	28.39200	0.000000
COSTO_CLUSTER3 (6, 5)	23.08800	0.000000
COSTO_CLUSTER3 (6, 6)	0.000000	0.000000
COSTO_CLUSTER3 (6, 7)	32.76000	0.000000
COSTO_CLUSTER3 (6, 8)	2.184000	0.000000
COSTO_CLUSTER3 (6, 9)	36.81600	0.000000
COSTO_CLUSTER3 (6, 10)	59.90400	0.000000
COSTO_CLUSTER3 (6, 11)	35.88000	0.000000
COSTO_CLUSTER3 (6, 12)	10.60800	0.000000
COSTO_CLUSTER3 (6, 13)	12.48000	0.000000
COSTO_CLUSTER3 (6, 14)	57.09600	0.000000
COSTO_CLUSTER3 (6, 15)	81.12000	0.000000
COSTO_CLUSTER3 (6, 16)	17.16000	0.000000
COSTO_CLUSTER3 (6, 17)	28.08000	0.000000
COSTO_CLUSTER3 (6, 18)	14.35200	0.000000
COSTO_CLUSTER3 (6, 19)	50.23200	0.000000
COSTO_CLUSTER3 (6, 20)	146.6400	0.000000
COSTO_CLUSTER3 (6, 21)	13.72800	0.000000
COSTO_CLUSTER3 (6, 22)	13.10400	0.000000
COSTO_CLUSTER3 (6, 23)	327.6000	0.000000
COSTO_CLUSTER3 (6, 24)	45.55200	0.000000
COSTO_CLUSTER3 (6, 25)	3.744000	0.000000
COSTO_CLUSTER3 (6, 26)	52.10400	0.000000
COSTO_CLUSTER3 (6, 27)	21.84000	0.000000
COSTO_CLUSTER3 (6, 28)	10.92000	0.000000
COSTO_CLUSTER3 (6, 29)	6.864000	0.000000
COSTO_CLUSTER3 (6, 30)	32.76000	0.000000
COSTO_CLUSTER3 (6, 31)	39.31200	0.000000
COSTO_CLUSTER3 (6, 32)	104.8320	0.000000
COSTO_CLUSTER3 (6, 33)	56.78400	0.000000
COSTO_CLUSTER3 (6, 34)	30.26400	0.000000
COSTO_CLUSTER3 (6, 35)	17.47200	0.000000
COSTO_CLUSTER3 (6, 36)	127.6080	0.000000
COSTO_CLUSTER3 (6, 37)	120.7440	0.000000
COSTO_CLUSTER3 (6, 38)	60.84000	0.000000
COSTO_CLUSTER3 (6, 39)	11.54400	0.000000
COSTO_CLUSTER3 (6, 40)	18.09600	0.000000
COSTO_CLUSTER3 (6, 41)	35.56800	0.000000
COSTO_CLUSTER3 (7, 1)	100.1520	0.000000
COSTO_CLUSTER3 (7, 2)	10.60800	0.000000

COSTO_CLUSTER3 (7, 3)	37.75200	0.000000
COSTO_CLUSTER3 (7, 4)	53.04000	0.000000
COSTO_CLUSTER3 (7, 5)	48.04800	0.000000
COSTO_CLUSTER3 (7, 6)	33.69600	0.000000
COSTO_CLUSTER3 (7, 7)	0.000000	0.000000
COSTO_CLUSTER3 (7, 8)	34.63200	0.000000
COSTO_CLUSTER3 (7, 9)	52.10400	0.000000
COSTO_CLUSTER3 (7, 10)	122.6160	0.000000
COSTO_CLUSTER3 (7, 11)	51.79200	0.000000
COSTO_CLUSTER3 (7, 12)	38.37600	0.000000
COSTO_CLUSTER3 (7, 13)	37.75200	0.000000
COSTO_CLUSTER3 (7, 14)	80.18400	0.000000
COSTO_CLUSTER3 (7, 15)	88.29600	0.000000
COSTO_CLUSTER3 (7, 16)	39.31200	0.000000
COSTO_CLUSTER3 (7, 17)	14.04000	0.000000
COSTO_CLUSTER3 (7, 18)	28.39200	0.000000
COSTO_CLUSTER3 (7, 19)	39.31200	0.000000
COSTO_CLUSTER3 (7, 20)	169.1040	0.000000
COSTO_CLUSTER3 (7, 21)	41.80800	0.000000
COSTO_CLUSTER3 (7, 22)	33.07200	0.000000
COSTO_CLUSTER3 (7, 23)	349.4400	0.000000
COSTO_CLUSTER3 (7, 24)	60.84000	0.000000
COSTO_CLUSTER3 (7, 25)	36.19200	0.000000
COSTO_CLUSTER3 (7, 26)	75.19200	0.000000
COSTO_CLUSTER3 (7, 27)	23.08800	0.000000
COSTO_CLUSTER3 (7, 28)	22.46400	0.000000
COSTO_CLUSTER3 (7, 29)	35.56800	0.000000
COSTO_CLUSTER3 (7, 30)	0.000000	0.000000
COSTO_CLUSTER3 (7, 31)	8.424000	0.000000
COSTO_CLUSTER3 (7, 32)	126.9840	0.000000
COSTO_CLUSTER3 (7, 33)	80.18400	0.000000
COSTO_CLUSTER3 (7, 34)	57.09600	0.000000
COSTO_CLUSTER3 (7, 35)	25.89600	0.000000
COSTO_CLUSTER3 (7, 36)	149.7600	0.000000
COSTO_CLUSTER3 (7, 37)	142.8960	0.000000
COSTO_CLUSTER3 (7, 38)	123.5520	0.000000
COSTO_CLUSTER3 (7, 39)	36.50400	0.000000
COSTO_CLUSTER3 (7, 40)	39.93600	0.000000
COSTO_CLUSTER3 (7, 41)	52.41600	0.000000
COSTO_CLUSTER3 (8, 1)	55.84800	0.000000
COSTO_CLUSTER3 (8, 2)	30.57600	0.000000
COSTO_CLUSTER3 (8, 3)	22.15200	0.000000
COSTO_CLUSTER3 (8, 4)	27.76800	0.000000
COSTO_CLUSTER3 (8, 5)	22.77600	0.000000
COSTO_CLUSTER3 (8, 6)	2.184000	0.000000
COSTO_CLUSTER3 (8, 7)	33.69600	0.000000
COSTO_CLUSTER3 (8, 8)	0.000000	0.000000
COSTO_CLUSTER3 (8, 9)	36.19200	0.000000
COSTO_CLUSTER3 (8, 10)	59.28000	0.000000
COSTO_CLUSTER3 (8, 11)	35.25600	0.000000
COSTO_CLUSTER3 (8, 12)	10.29600	0.000000
COSTO_CLUSTER3 (8, 13)	11.85600	0.000000
COSTO_CLUSTER3 (8, 14)	56.47200	0.000000
COSTO_CLUSTER3 (8, 15)	79.87200	0.000000
COSTO_CLUSTER3 (8, 16)	16.53600	0.000000
COSTO_CLUSTER3 (8, 17)	29.32800	0.000000
COSTO_CLUSTER3 (8, 18)	15.28800	0.000000
COSTO_CLUSTER3 (8, 19)	50.54400	0.000000
COSTO_CLUSTER3 (8, 20)	146.3280	0.000000
COSTO_CLUSTER3 (8, 21)	13.10400	0.000000
COSTO_CLUSTER3 (8, 22)	14.04000	0.000000
COSTO_CLUSTER3 (8, 23)	327.6000	0.000000
COSTO_CLUSTER3 (8, 24)	45.24000	0.000000
COSTO_CLUSTER3 (8, 25)	3.744000	0.000000
COSTO_CLUSTER3 (8, 26)	51.48000	0.000000
COSTO_CLUSTER3 (8, 27)	22.77600	0.000000
COSTO_CLUSTER3 (8, 28)	11.85600	0.000000
COSTO_CLUSTER3 (8, 29)	8.112000	0.000000
COSTO_CLUSTER3 (8, 30)	34.00800	0.000000
COSTO_CLUSTER3 (8, 31)	40.24800	0.000000
COSTO_CLUSTER3 (8, 32)	104.2080	0.000000

COSTO_CLUSTER3 (8, 33)	56.47200	0.000000
COSTO_CLUSTER3 (8, 34)	29.95200	0.000000
COSTO_CLUSTER3 (8, 35)	18.40800	0.000000
COSTO_CLUSTER3 (8, 36)	126.9840	0.000000
COSTO_CLUSTER3 (8, 37)	122.6160	0.000000
COSTO_CLUSTER3 (8, 38)	60.21600	0.000000
COSTO_CLUSTER3 (8, 39)	11.85600	0.000000
COSTO_CLUSTER3 (8, 40)	18.40800	0.000000
COSTO_CLUSTER3 (8, 41)	35.25600	0.000000
COSTO_CLUSTER3 (9, 1)	31.82400	0.000000
COSTO_CLUSTER3 (9, 2)	57.09600	0.000000
COSTO_CLUSTER3 (9, 3)	49.92000	0.000000
COSTO_CLUSTER3 (9, 4)	0.8736000	0.000000
COSTO_CLUSTER3 (9, 5)	6.240000	0.000000
COSTO_CLUSTER3 (9, 6)	32.76000	0.000000
COSTO_CLUSTER3 (9, 7)	49.92000	0.000000
COSTO_CLUSTER3 (9, 8)	31.51200	0.000000
COSTO_CLUSTER3 (9, 9)	0.000000	0.000000
COSTO_CLUSTER3 (9, 10)	36.81600	0.000000
COSTO_CLUSTER3 (9, 11)	3.744000	0.000000
COSTO_CLUSTER3 (9, 12)	19.03200	0.000000
COSTO_CLUSTER3 (9, 13)	20.28000	0.000000
COSTO_CLUSTER3 (9, 14)	34.32000	0.000000
COSTO_CLUSTER3 (9, 15)	107.3280	0.000000
COSTO_CLUSTER3 (9, 16)	15.60000	0.000000
COSTO_CLUSTER3 (9, 17)	60.21600	0.000000
COSTO_CLUSTER3 (9, 18)	42.74400	0.000000
COSTO_CLUSTER3 (9, 19)	77.37600	0.000000
COSTO_CLUSTER3 (9, 20)	108.2640	0.000000
COSTO_CLUSTER3 (9, 21)	16.22400	0.000000
COSTO_CLUSTER3 (9, 22)	27.14400	0.000000
COSTO_CLUSTER3 (9, 23)	290.1600	0.000000
COSTO_CLUSTER3 (9, 24)	11.85600	0.000000
COSTO_CLUSTER3 (9, 25)	34.00800	0.000000
COSTO_CLUSTER3 (9, 26)	29.01600	0.000000
COSTO_CLUSTER3 (9, 27)	29.95200	0.000000
COSTO_CLUSTER3 (9, 28)	42.12000	0.000000
COSTO_CLUSTER3 (9, 29)	29.32800	0.000000
COSTO_CLUSTER3 (9, 30)	50.23200	0.000000
COSTO_CLUSTER3 (9, 31)	57.09600	0.000000
COSTO_CLUSTER3 (9, 32)	66.14400	0.000000
COSTO_CLUSTER3 (9, 33)	34.00800	0.000000
COSTO_CLUSTER3 (9, 34)	4.992000	0.000000
COSTO_CLUSTER3 (9, 35)	30.57600	0.000000
COSTO_CLUSTER3 (9, 36)	89.23200	0.000000
COSTO_CLUSTER3 (9, 37)	61.15200	0.000000
COSTO_CLUSTER3 (9, 38)	38.06400	0.000000
COSTO_CLUSTER3 (9, 39)	39.00000	0.000000
COSTO_CLUSTER3 (9, 40)	45.86400	0.000000
COSTO_CLUSTER3 (9, 41)	2.184000	0.000000
COSTO_CLUSTER3 (10, 1)	8.736000	0.000000
COSTO_CLUSTER3 (10, 2)	86.11200	0.000000
COSTO_CLUSTER3 (10, 3)	78.93600	0.000000
COSTO_CLUSTER3 (10, 4)	36.50400	0.000000
COSTO_CLUSTER3 (10, 5)	39.62400	0.000000
COSTO_CLUSTER3 (10, 6)	61.77600	0.000000
COSTO_CLUSTER3 (10, 7)	78.93600	0.000000
COSTO_CLUSTER3 (10, 8)	60.52800	0.000000
COSTO_CLUSTER3 (10, 9)	32.76000	0.000000
COSTO_CLUSTER3 (10, 10)	0.000000	0.000000
COSTO_CLUSTER3 (10, 11)	31.20000	0.000000
COSTO_CLUSTER3 (10, 12)	52.10400	0.000000
COSTO_CLUSTER3 (10, 13)	53.35200	0.000000
COSTO_CLUSTER3 (10, 14)	12.79200	0.000000
COSTO_CLUSTER3 (10, 15)	136.3440	0.000000
COSTO_CLUSTER3 (10, 16)	50.54400	0.000000
COSTO_CLUSTER3 (10, 17)	89.23200	0.000000
COSTO_CLUSTER3 (10, 18)	71.76000	0.000000
COSTO_CLUSTER3 (10, 19)	106.7040	0.000000
COSTO_CLUSTER3 (10, 20)	82.05600	0.000000
COSTO_CLUSTER3 (10, 21)	48.04800	0.000000

COSTO_CLUSTER3 (10, 22)	60.84000	0.000000
COSTO_CLUSTER3 (10, 23)	263.9520	0.000000
COSTO_CLUSTER3 (10, 24)	23.71200	0.000000
COSTO_CLUSTER3 (10, 25)	63.02400	0.000000
COSTO_CLUSTER3 (10, 26)	10.29600	0.000000
COSTO_CLUSTER3 (10, 27)	58.96800	0.000000
COSTO_CLUSTER3 (10, 28)	71.13600	0.000000
COSTO_CLUSTER3 (10, 29)	58.65600	0.000000
COSTO_CLUSTER3 (10, 30)	79.24800	0.000000
COSTO_CLUSTER3 (10, 31)	86.11200	0.000000
COSTO_CLUSTER3 (10, 32)	39.93600	0.000000
COSTO_CLUSTER3 (10, 33)	4.368000	0.000000
COSTO_CLUSTER3 (10, 34)	39.00000	0.000000
COSTO_CLUSTER3 (10, 35)	59.59200	0.000000
COSTO_CLUSTER3 (10, 36)	62.71200	0.000000
COSTO_CLUSTER3 (10, 37)	58.34400	0.000000
COSTO_CLUSTER3 (10, 38)	1.560000	0.000000
COSTO_CLUSTER3 (10, 39)	68.32800	0.000000
COSTO_CLUSTER3 (10, 40)	74.88000	0.000000
COSTO_CLUSTER3 (10, 41)	31.51200	0.000000
COSTO_CLUSTER3 (11, 1)	30.26400	0.000000
COSTO_CLUSTER3 (11, 2)	56.47200	0.000000
COSTO_CLUSTER3 (11, 3)	51.16800	0.000000
COSTO_CLUSTER3 (11, 4)	2.652000	0.000000
COSTO_CLUSTER3 (11, 5)	8.736000	0.000000
COSTO_CLUSTER3 (11, 6)	34.63200	0.000000
COSTO_CLUSTER3 (11, 7)	49.29600	0.000000
COSTO_CLUSTER3 (11, 8)	33.07200	0.000000
COSTO_CLUSTER3 (11, 9)	1.716000	0.000000
COSTO_CLUSTER3 (11, 10)	33.69600	0.000000
COSTO_CLUSTER3 (11, 11)	0.000000	0.000000
COSTO_CLUSTER3 (11, 12)	20.90400	0.000000
COSTO_CLUSTER3 (11, 13)	22.15200	0.000000
COSTO_CLUSTER3 (11, 14)	30.88800	0.000000
COSTO_CLUSTER3 (11, 15)	116.6880	0.000000
COSTO_CLUSTER3 (11, 16)	20.90400	0.000000
COSTO_CLUSTER3 (11, 17)	59.59200	0.000000
COSTO_CLUSTER3 (11, 18)	44.61600	0.000000
COSTO_CLUSTER3 (11, 19)	79.24800	0.000000
COSTO_CLUSTER3 (11, 20)	106.7040	0.000000
COSTO_CLUSTER3 (11, 21)	17.78400	0.000000
COSTO_CLUSTER3 (11, 22)	35.56800	0.000000
COSTO_CLUSTER3 (11, 23)	288.6000	0.000000
COSTO_CLUSTER3 (11, 24)	9.984000	0.000000
COSTO_CLUSTER3 (11, 25)	35.56800	0.000000
COSTO_CLUSTER3 (11, 26)	25.89600	0.000000
COSTO_CLUSTER3 (11, 27)	29.32800	0.000000
COSTO_CLUSTER3 (11, 28)	42.12000	0.000000
COSTO_CLUSTER3 (11, 29)	31.20000	0.000000
COSTO_CLUSTER3 (11, 30)	49.60800	0.000000
COSTO_CLUSTER3 (11, 31)	56.47200	0.000000
COSTO_CLUSTER3 (11, 32)	64.58400	0.000000
COSTO_CLUSTER3 (11, 33)	30.88800	0.000000
COSTO_CLUSTER3 (11, 34)	4.056000	0.000000
COSTO_CLUSTER3 (11, 35)	29.95200	0.000000
COSTO_CLUSTER3 (11, 36)	87.67200	0.000000
COSTO_CLUSTER3 (11, 37)	59.59200	0.000000
COSTO_CLUSTER3 (11, 38)	34.63200	0.000000
COSTO_CLUSTER3 (11, 39)	40.87200	0.000000
COSTO_CLUSTER3 (11, 40)	47.73600	0.000000
COSTO_CLUSTER3 (11, 41)	0.5616000	0.000000
COSTO_CLUSTER3 (12, 1)	52.10400	0.000000
COSTO_CLUSTER3 (12, 2)	38.68800	0.000000
COSTO_CLUSTER3 (12, 3)	30.57600	0.000000
COSTO_CLUSTER3 (12, 4)	18.40800	0.000000
COSTO_CLUSTER3 (12, 5)	13.41600	0.000000
COSTO_CLUSTER3 (12, 6)	12.16800	0.000000
COSTO_CLUSTER3 (12, 7)	36.81600	0.000000
COSTO_CLUSTER3 (12, 8)	10.60800	0.000000
COSTO_CLUSTER3 (12, 9)	26.20800	0.000000
COSTO_CLUSTER3 (12, 10)	51.48000	0.000000

COSTO_CLUSTER3 (12, 11)	25.58400	0.000000
COSTO_CLUSTER3 (12, 12)	0.000000	0.000000
COSTO_CLUSTER3 (12, 13)	1.872000	0.000000
COSTO_CLUSTER3 (12, 14)	48.67200	0.000000
COSTO_CLUSTER3 (12, 15)	88.29600	0.000000
COSTO_CLUSTER3 (12, 16)	7.176000	0.000000
COSTO_CLUSTER3 (12, 17)	37.44000	0.000000
COSTO_CLUSTER3 (12, 18)	23.71200	0.000000
COSTO_CLUSTER3 (12, 19)	58.65600	0.000000
COSTO_CLUSTER3 (12, 20)	136.6560	0.000000
COSTO_CLUSTER3 (12, 21)	3.744000	0.000000
COSTO_CLUSTER3 (12, 22)	8.736000	0.000000
COSTO_CLUSTER3 (12, 23)	318.2400	0.000000
COSTO_CLUSTER3 (12, 24)	34.63200	0.000000
COSTO_CLUSTER3 (12, 25)	12.16800	0.000000
COSTO_CLUSTER3 (12, 26)	43.68000	0.000000
COSTO_CLUSTER3 (12, 27)	18.09600	0.000000
COSTO_CLUSTER3 (12, 28)	20.28000	0.000000
COSTO_CLUSTER3 (12, 29)	8.424000	0.000000
COSTO_CLUSTER3 (12, 30)	36.81600	0.000000
COSTO_CLUSTER3 (12, 31)	43.99200	0.000000
COSTO_CLUSTER3 (12, 32)	94.84800	0.000000
COSTO_CLUSTER3 (12, 33)	48.67200	0.000000
COSTO_CLUSTER3 (12, 34)	20.28000	0.000000
COSTO_CLUSTER3 (12, 35)	17.78400	0.000000
COSTO_CLUSTER3 (12, 36)	117.6240	0.000000
COSTO_CLUSTER3 (12, 37)	113.5680	0.000000
COSTO_CLUSTER3 (12, 38)	52.41600	0.000000
COSTO_CLUSTER3 (12, 39)	19.96800	0.000000
COSTO_CLUSTER3 (12, 40)	26.83200	0.000000
COSTO_CLUSTER3 (12, 41)	26.20800	0.000000
COSTO_CLUSTER3 (13, 1)	56.16000	0.000000
COSTO_CLUSTER3 (13, 2)	40.56000	0.000000
COSTO_CLUSTER3 (13, 3)	32.44800	0.000000
COSTO_CLUSTER3 (13, 4)	19.96800	0.000000
COSTO_CLUSTER3 (13, 5)	14.97600	0.000000
COSTO_CLUSTER3 (13, 6)	14.04000	0.000000
COSTO_CLUSTER3 (13, 7)	36.19200	0.000000
COSTO_CLUSTER3 (13, 8)	12.48000	0.000000
COSTO_CLUSTER3 (13, 9)	24.33600	0.000000
COSTO_CLUSTER3 (13, 10)	53.04000	0.000000
COSTO_CLUSTER3 (13, 11)	24.02400	0.000000
COSTO_CLUSTER3 (13, 12)	1.872000	0.000000
COSTO_CLUSTER3 (13, 13)	0.000000	0.000000
COSTO_CLUSTER3 (13, 14)	50.23200	0.000000
COSTO_CLUSTER3 (13, 15)	90.16800	0.000000
COSTO_CLUSTER3 (13, 16)	7.176000	0.000000
COSTO_CLUSTER3 (13, 17)	39.31200	0.000000
COSTO_CLUSTER3 (13, 18)	25.58400	0.000000
COSTO_CLUSTER3 (13, 19)	60.52800	0.000000
COSTO_CLUSTER3 (13, 20)	138.2160	0.000000
COSTO_CLUSTER3 (13, 21)	5.304000	0.000000
COSTO_CLUSTER3 (13, 22)	7.488000	0.000000
COSTO_CLUSTER3 (13, 23)	321.3600	0.000000
COSTO_CLUSTER3 (13, 24)	36.19200	0.000000
COSTO_CLUSTER3 (13, 25)	14.04000	0.000000
COSTO_CLUSTER3 (13, 26)	45.24000	0.000000
COSTO_CLUSTER3 (13, 27)	17.47200	0.000000
COSTO_CLUSTER3 (13, 28)	22.15200	0.000000
COSTO_CLUSTER3 (13, 29)	8.424000	0.000000
COSTO_CLUSTER3 (13, 30)	36.19200	0.000000
COSTO_CLUSTER3 (13, 31)	43.05600	0.000000
COSTO_CLUSTER3 (13, 32)	96.40800	0.000000
COSTO_CLUSTER3 (13, 33)	50.23200	0.000000
COSTO_CLUSTER3 (13, 34)	21.84000	0.000000
COSTO_CLUSTER3 (13, 35)	16.53600	0.000000
COSTO_CLUSTER3 (13, 36)	119.1840	0.000000
COSTO_CLUSTER3 (13, 37)	115.1280	0.000000
COSTO_CLUSTER3 (13, 38)	53.97600	0.000000
COSTO_CLUSTER3 (13, 39)	21.84000	0.000000
COSTO_CLUSTER3 (13, 40)	28.70400	0.000000

COSTO_CLUSTER3 (13, 41)	27.76800	0.000000
COSTO_CLUSTER3 (14, 1)	13.72800	0.000000
COSTO_CLUSTER3 (14, 2)	75.81600	0.000000
COSTO_CLUSTER3 (14, 3)	68.64000	0.000000
COSTO_CLUSTER3 (14, 4)	26.20800	0.000000
COSTO_CLUSTER3 (14, 5)	29.32800	0.000000
COSTO_CLUSTER3 (14, 6)	51.48000	0.000000
COSTO_CLUSTER3 (14, 7)	68.64000	0.000000
COSTO_CLUSTER3 (14, 8)	50.54400	0.000000
COSTO_CLUSTER3 (14, 9)	22.46400	0.000000
COSTO_CLUSTER3 (14, 10)	16.84800	0.000000
COSTO_CLUSTER3 (14, 11)	20.90400	0.000000
COSTO_CLUSTER3 (14, 12)	41.80800	0.000000
COSTO_CLUSTER3 (14, 13)	43.36800	0.000000
COSTO_CLUSTER3 (14, 14)	0.000000	0.000000
COSTO_CLUSTER3 (14, 15)	125.7360	0.000000
COSTO_CLUSTER3 (14, 16)	40.56000	0.000000
COSTO_CLUSTER3 (14, 17)	77.68800	0.000000
COSTO_CLUSTER3 (14, 18)	61.46400	0.000000
COSTO_CLUSTER3 (14, 19)	96.40800	0.000000
COSTO_CLUSTER3 (14, 20)	90.79200	0.000000
COSTO_CLUSTER3 (14, 21)	37.44000	0.000000
COSTO_CLUSTER3 (14, 22)	50.54400	0.000000
COSTO_CLUSTER3 (14, 23)	272.6880	0.000000
COSTO_CLUSTER3 (14, 24)	13.72800	0.000000
COSTO_CLUSTER3 (14, 25)	52.72800	0.000000
COSTO_CLUSTER3 (14, 26)	9.984000	0.000000
COSTO_CLUSTER3 (14, 27)	48.67200	0.000000
COSTO_CLUSTER3 (14, 28)	60.52800	0.000000
COSTO_CLUSTER3 (14, 29)	48.04800	0.000000
COSTO_CLUSTER3 (14, 30)	68.95200	0.000000
COSTO_CLUSTER3 (14, 31)	75.81600	0.000000
COSTO_CLUSTER3 (14, 32)	48.67200	0.000000
COSTO_CLUSTER3 (14, 33)	14.04000	0.000000
COSTO_CLUSTER3 (14, 34)	28.70400	0.000000
COSTO_CLUSTER3 (14, 35)	49.29600	0.000000
COSTO_CLUSTER3 (14, 36)	71.76000	0.000000
COSTO_CLUSTER3 (14, 37)	67.70400	0.000000
COSTO_CLUSTER3 (14, 38)	17.78400	0.000000
COSTO_CLUSTER3 (14, 39)	57.72000	0.000000
COSTO_CLUSTER3 (14, 40)	64.58400	0.000000
COSTO_CLUSTER3 (14, 41)	21.52800	0.000000
COSTO_CLUSTER3 (15, 1)	137.5920	0.000000
COSTO_CLUSTER3 (15, 2)	70.82400	0.000000
COSTO_CLUSTER3 (15, 3)	70.20000	0.000000
COSTO_CLUSTER3 (15, 4)	113.5680	0.000000
COSTO_CLUSTER3 (15, 5)	107.0160	0.000000
COSTO_CLUSTER3 (15, 6)	81.43200	0.000000
COSTO_CLUSTER3 (15, 7)	90.48000	0.000000
COSTO_CLUSTER3 (15, 8)	84.24000	0.000000
COSTO_CLUSTER3 (15, 9)	116.6880	0.000000
COSTO_CLUSTER3 (15, 10)	141.3360	0.000000
COSTO_CLUSTER3 (15, 11)	117.3120	0.000000
COSTO_CLUSTER3 (15, 12)	90.79200	0.000000
COSTO_CLUSTER3 (15, 13)	92.35200	0.000000
COSTO_CLUSTER3 (15, 14)	134.7840	0.000000
COSTO_CLUSTER3 (15, 15)	0.000000	0.000000
COSTO_CLUSTER3 (15, 16)	97.34400	0.000000
COSTO_CLUSTER3 (15, 17)	61.15200	0.000000
COSTO_CLUSTER3 (15, 18)	67.08000	0.000000
COSTO_CLUSTER3 (15, 19)	35.88000	0.000000
COSTO_CLUSTER3 (15, 20)	242.7360	0.000000
COSTO_CLUSTER3 (15, 21)	93.60000	0.000000
COSTO_CLUSTER3 (15, 22)	88.92000	0.000000
COSTO_CLUSTER3 (15, 23)	424.3200	0.000000
COSTO_CLUSTER3 (15, 24)	123.5520	0.000000
COSTO_CLUSTER3 (15, 25)	79.56000	0.000000
COSTO_CLUSTER3 (15, 26)	129.7920	0.000000
COSTO_CLUSTER3 (15, 27)	87.98400	0.000000
COSTO_CLUSTER3 (15, 28)	73.63200	0.000000
COSTO_CLUSTER3 (15, 29)	88.92000	0.000000

COSTO_CLUSTER3 (15, 30)	83.61600	0.000000
COSTO_CLUSTER3 (15, 31)	72.38400	0.000000
COSTO_CLUSTER3 (15, 32)	200.6160	0.000000
COSTO_CLUSTER3 (15, 33)	134.7840	0.000000
COSTO_CLUSTER3 (15, 34)	112.0080	0.000000
COSTO_CLUSTER3 (15, 35)	87.67200	0.000000
COSTO_CLUSTER3 (15, 36)	223.3920	0.000000
COSTO_CLUSTER3 (15, 37)	219.3360	0.000000
COSTO_CLUSTER3 (15, 38)	138.5280	0.000000
COSTO_CLUSTER3 (15, 39)	69.57600	0.000000
COSTO_CLUSTER3 (15, 40)	67.08000	0.000000
COSTO_CLUSTER3 (15, 41)	113.5680	0.000000
COSTO_CLUSTER3 (16, 1)	45.55200	0.000000
COSTO_CLUSTER3 (16, 2)	44.92800	0.000000
COSTO_CLUSTER3 (16, 3)	36.81600	0.000000
COSTO_CLUSTER3 (16, 4)	14.66400	0.000000
COSTO_CLUSTER3 (16, 5)	10.92000	0.000000
COSTO_CLUSTER3 (16, 6)	18.09600	0.000000
COSTO_CLUSTER3 (16, 7)	38.37600	0.000000
COSTO_CLUSTER3 (16, 8)	16.84800	0.000000
COSTO_CLUSTER3 (16, 9)	20.59200	0.000000
COSTO_CLUSTER3 (16, 10)	51.16800	0.000000
COSTO_CLUSTER3 (16, 11)	19.96800	0.000000
COSTO_CLUSTER3 (16, 12)	6.864000	0.000000
COSTO_CLUSTER3 (16, 13)	8.112000	0.000000
COSTO_CLUSTER3 (16, 14)	48.67200	0.000000
COSTO_CLUSTER3 (16, 15)	94.53600	0.000000
COSTO_CLUSTER3 (16, 16)	0.000000	0.000000
COSTO_CLUSTER3 (16, 17)	43.68000	0.000000
COSTO_CLUSTER3 (16, 18)	29.95200	0.000000
COSTO_CLUSTER3 (16, 19)	64.89600	0.000000
COSTO_CLUSTER3 (16, 20)	131.0400	0.000000
COSTO_CLUSTER3 (16, 21)	8.424000	0.000000
COSTO_CLUSTER3 (16, 22)	10.92000	0.000000
COSTO_CLUSTER3 (16, 23)	312.0000	0.000000
COSTO_CLUSTER3 (16, 24)	29.01600	0.000000
COSTO_CLUSTER3 (16, 25)	18.72000	0.000000
COSTO_CLUSTER3 (16, 26)	43.68000	0.000000
COSTO_CLUSTER3 (16, 27)	17.47200	0.000000
COSTO_CLUSTER3 (16, 28)	26.52000	0.000000
COSTO_CLUSTER3 (16, 29)	14.66400	0.000000
COSTO_CLUSTER3 (16, 30)	37.12800	0.000000
COSTO_CLUSTER3 (16, 31)	43.99200	0.000000
COSTO_CLUSTER3 (16, 32)	89.23200	0.000000
COSTO_CLUSTER3 (16, 33)	48.36000	0.000000
COSTO_CLUSTER3 (16, 34)	19.03200	0.000000
COSTO_CLUSTER3 (16, 35)	17.47200	0.000000
COSTO_CLUSTER3 (16, 36)	112.0080	0.000000
COSTO_CLUSTER3 (16, 37)	107.9520	0.000000
COSTO_CLUSTER3 (16, 38)	52.41600	0.000000
COSTO_CLUSTER3 (16, 39)	26.20800	0.000000
COSTO_CLUSTER3 (16, 40)	33.07200	0.000000
COSTO_CLUSTER3 (16, 41)	20.59200	0.000000
COSTO_CLUSTER3 (17, 1)	107.9520	0.000000
COSTO_CLUSTER3 (17, 2)	6.552000	0.000000
COSTO_CLUSTER3 (17, 3)	24.02400	0.000000
COSTO_CLUSTER3 (17, 4)	61.15200	0.000000
COSTO_CLUSTER3 (17, 5)	56.16000	0.000000
COSTO_CLUSTER3 (17, 6)	30.88800	0.000000
COSTO_CLUSTER3 (17, 7)	17.47200	0.000000
COSTO_CLUSTER3 (17, 8)	31.82400	0.000000
COSTO_CLUSTER3 (17, 9)	60.21600	0.000000
COSTO_CLUSTER3 (17, 10)	130.4160	0.000000
COSTO_CLUSTER3 (17, 11)	59.59200	0.000000
COSTO_CLUSTER3 (17, 12)	41.80800	0.000000
COSTO_CLUSTER3 (17, 13)	43.68000	0.000000
COSTO_CLUSTER3 (17, 14)	85.48800	0.000000
COSTO_CLUSTER3 (17, 15)	58.65600	0.000000
COSTO_CLUSTER3 (17, 16)	48.36000	0.000000
COSTO_CLUSTER3 (17, 17)	0.000000	0.000000
COSTO_CLUSTER3 (17, 18)	20.28000	0.000000

COSTO_CLUSTER3 (17, 19)	29.01600	0.000000
COSTO_CLUSTER3 (17, 20)	180.3360	0.000000
COSTO_CLUSTER3 (17, 21)	44.92800	0.000000
COSTO_CLUSTER3 (17, 22)	39.93600	0.000000
COSTO_CLUSTER3 (17, 23)	361.9200	0.000000
COSTO_CLUSTER3 (17, 24)	72.07200	0.000000
COSTO_CLUSTER3 (17, 25)	30.26400	0.000000
COSTO_CLUSTER3 (17, 26)	80.49600	0.000000
COSTO_CLUSTER3 (17, 27)	34.32000	0.000000
COSTO_CLUSTER3 (17, 28)	19.34400	0.000000
COSTO_CLUSTER3 (17, 29)	33.07200	0.000000
COSTO_CLUSTER3 (17, 30)	21.21600	0.000000
COSTO_CLUSTER3 (17, 31)	19.65600	0.000000
COSTO_CLUSTER3 (17, 32)	138.2160	0.000000
COSTO_CLUSTER3 (17, 33)	85.17600	0.000000
COSTO_CLUSTER3 (17, 34)	62.40000	0.000000
COSTO_CLUSTER3 (17, 35)	32.76000	0.000000
COSTO_CLUSTER3 (17, 36)	160.9920	0.000000
COSTO_CLUSTER3 (17, 37)	156.9360	0.000000
COSTO_CLUSTER3 (17, 38)	89.23200	0.000000
COSTO_CLUSTER3 (17, 39)	22.77600	0.000000
COSTO_CLUSTER3 (17, 40)	29.95200	0.000000
COSTO_CLUSTER3 (17, 41)	63.64800	0.000000
COSTO_CLUSTER3 (18, 1)	67.08000	0.000000
COSTO_CLUSTER3 (18, 2)	25.58400	0.000000
COSTO_CLUSTER3 (18, 3)	10.92000	0.000000
COSTO_CLUSTER3 (18, 4)	42.74400	0.000000
COSTO_CLUSTER3 (18, 5)	36.81600	0.000000
COSTO_CLUSTER3 (18, 6)	13.10400	0.000000
COSTO_CLUSTER3 (18, 7)	28.70400	0.000000
COSTO_CLUSTER3 (18, 8)	14.04000	0.000000
COSTO_CLUSTER3 (18, 9)	49.60800	0.000000
COSTO_CLUSTER3 (18, 10)	70.51200	0.000000
COSTO_CLUSTER3 (18, 11)	48.98400	0.000000
COSTO_CLUSTER3 (18, 12)	24.33600	0.000000
COSTO_CLUSTER3 (18, 13)	25.89600	0.000000
COSTO_CLUSTER3 (18, 14)	67.70400	0.000000
COSTO_CLUSTER3 (18, 15)	66.14400	0.000000
COSTO_CLUSTER3 (18, 16)	30.57600	0.000000
COSTO_CLUSTER3 (18, 17)	19.34400	0.000000
COSTO_CLUSTER3 (18, 18)	0.000000	0.000000
COSTO_CLUSTER3 (18, 19)	36.81600	0.000000
COSTO_CLUSTER3 (18, 20)	160.9920	0.000000
COSTO_CLUSTER3 (18, 21)	27.14400	0.000000
COSTO_CLUSTER3 (18, 22)	28.08000	0.000000
COSTO_CLUSTER3 (18, 23)	343.2000	0.000000
COSTO_CLUSTER3 (18, 24)	58.34400	0.000000
COSTO_CLUSTER3 (18, 25)	12.48000	0.000000
COSTO_CLUSTER3 (18, 26)	62.71200	0.000000
COSTO_CLUSTER3 (18, 27)	21.21600	0.000000
COSTO_CLUSTER3 (18, 28)	6.864000	0.000000
COSTO_CLUSTER3 (18, 29)	21.84000	0.000000
COSTO_CLUSTER3 (18, 30)	29.01600	0.000000
COSTO_CLUSTER3 (18, 31)	35.25600	0.000000
COSTO_CLUSTER3 (18, 32)	118.8720	0.000000
COSTO_CLUSTER3 (18, 33)	67.70400	0.000000
COSTO_CLUSTER3 (18, 34)	44.92800	0.000000
COSTO_CLUSTER3 (18, 35)	20.90400	0.000000
COSTO_CLUSTER3 (18, 36)	141.6480	0.000000
COSTO_CLUSTER3 (18, 37)	137.9040	0.000000
COSTO_CLUSTER3 (18, 38)	71.44800	0.000000
COSTO_CLUSTER3 (18, 39)	4.992000	0.000000
COSTO_CLUSTER3 (18, 40)	12.16800	0.000000
COSTO_CLUSTER3 (18, 41)	49.60800	0.000000
COSTO_CLUSTER3 (19, 1)	112.9440	0.000000
COSTO_CLUSTER3 (19, 2)	45.55200	0.000000
COSTO_CLUSTER3 (19, 3)	45.24000	0.000000
COSTO_CLUSTER3 (19, 4)	88.60800	0.000000
COSTO_CLUSTER3 (19, 5)	82.05600	0.000000
COSTO_CLUSTER3 (19, 6)	56.16000	0.000000
COSTO_CLUSTER3 (19, 7)	62.08800	0.000000

COSTO_CLUSTER3 (19, 8)	59.28000	0.000000
COSTO_CLUSTER3 (19, 9)	91.72800	0.000000
COSTO_CLUSTER3 (19, 10)	116.3760	0.000000
COSTO_CLUSTER3 (19, 11)	92.35200	0.000000
COSTO_CLUSTER3 (19, 12)	69.57600	0.000000
COSTO_CLUSTER3 (19, 13)	71.13600	0.000000
COSTO_CLUSTER3 (19, 14)	113.5680	0.000000
COSTO_CLUSTER3 (19, 15)	29.64000	0.000000
COSTO_CLUSTER3 (19, 16)	75.81600	0.000000
COSTO_CLUSTER3 (19, 17)	39.93600	0.000000
COSTO_CLUSTER3 (19, 18)	45.86400	0.000000
COSTO_CLUSTER3 (19, 19)	0.000000	0.000000
COSTO_CLUSTER3 (19, 20)	221.5200	0.000000
COSTO_CLUSTER3 (19, 21)	72.38400	0.000000
COSTO_CLUSTER3 (19, 22)	67.70400	0.000000
COSTO_CLUSTER3 (19, 23)	402.4800	0.000000
COSTO_CLUSTER3 (19, 24)	102.0240	0.000000
COSTO_CLUSTER3 (19, 25)	58.03200	0.000000
COSTO_CLUSTER3 (19, 26)	108.5760	0.000000
COSTO_CLUSTER3 (19, 27)	66.76800	0.000000
COSTO_CLUSTER3 (19, 28)	52.41600	0.000000
COSTO_CLUSTER3 (19, 29)	67.39200	0.000000
COSTO_CLUSTER3 (19, 30)	62.40000	0.000000
COSTO_CLUSTER3 (19, 31)	51.16800	0.000000
COSTO_CLUSTER3 (19, 32)	179.4000	0.000000
COSTO_CLUSTER3 (19, 33)	113.2560	0.000000
COSTO_CLUSTER3 (19, 34)	90.48000	0.000000
COSTO_CLUSTER3 (19, 35)	66.14400	0.000000
COSTO_CLUSTER3 (19, 36)	202.1760	0.000000
COSTO_CLUSTER3 (19, 37)	198.1200	0.000000
COSTO_CLUSTER3 (19, 38)	117.3120	0.000000
COSTO_CLUSTER3 (19, 39)	48.36000	0.000000
COSTO_CLUSTER3 (19, 40)	45.86400	0.000000
COSTO_CLUSTER3 (19, 41)	92.04000	0.000000
COSTO_CLUSTER3 (20, 1)	84.24000	0.000000
COSTO_CLUSTER3 (20, 2)	175.9680	0.000000
COSTO_CLUSTER3 (20, 3)	154.7520	0.000000
COSTO_CLUSTER3 (20, 4)	112.3200	0.000000
COSTO_CLUSTER3 (20, 5)	129.4800	0.000000
COSTO_CLUSTER3 (20, 6)	153.5040	0.000000
COSTO_CLUSTER3 (20, 7)	172.5360	0.000000
COSTO_CLUSTER3 (20, 8)	150.6960	0.000000
COSTO_CLUSTER3 (20, 9)	114.8160	0.000000
COSTO_CLUSTER3 (20, 10)	82.68000	0.000000
COSTO_CLUSTER3 (20, 11)	113.2560	0.000000
COSTO_CLUSTER3 (20, 12)	140.7120	0.000000
COSTO_CLUSTER3 (20, 13)	141.9600	0.000000
COSTO_CLUSTER3 (20, 14)	87.04800	0.000000
COSTO_CLUSTER3 (20, 15)	234.6240	0.000000
COSTO_CLUSTER3 (20, 16)	135.0960	0.000000
COSTO_CLUSTER3 (20, 17)	177.8400	0.000000
COSTO_CLUSTER3 (20, 18)	146.0160	0.000000
COSTO_CLUSTER3 (20, 19)	205.2960	0.000000
COSTO_CLUSTER3 (20, 20)	0.000000	0.000000
COSTO_CLUSTER3 (20, 21)	122.3040	0.000000
COSTO_CLUSTER3 (20, 22)	144.4560	0.000000
COSTO_CLUSTER3 (20, 23)	203.1120	0.000000
COSTO_CLUSTER3 (20, 24)	98.28000	0.000000
COSTO_CLUSTER3 (20, 25)	152.5680	0.000000
COSTO_CLUSTER3 (20, 26)	84.86400	0.000000
COSTO_CLUSTER3 (20, 27)	144.1440	0.000000
COSTO_CLUSTER3 (20, 28)	156.9360	0.000000
COSTO_CLUSTER3 (20, 29)	148.5120	0.000000
COSTO_CLUSTER3 (20, 30)	171.2880	0.000000
COSTO_CLUSTER3 (20, 31)	46.80000	0.000000
COSTO_CLUSTER3 (20, 32)	95.78400	0.000000
COSTO_CLUSTER3 (20, 33)	83.30400	0.000000
COSTO_CLUSTER3 (20, 34)	114.1920	0.000000
COSTO_CLUSTER3 (20, 35)	144.4560	0.000000
COSTO_CLUSTER3 (20, 36)	28.39200	0.000000
COSTO_CLUSTER3 (20, 37)	57.40800	0.000000

COSTO_CLUSTER3 (20, 38)	83.61600	0.000000
COSTO_CLUSTER3 (20, 39)	142.2720	0.000000
COSTO_CLUSTER3 (20, 40)	149.1360	0.000000
COSTO_CLUSTER3 (20, 41)	110.4480	0.000000
COSTO_CLUSTER3 (21, 1)	45.24000	0.000000
COSTO_CLUSTER3 (21, 2)	41.49600	0.000000
COSTO_CLUSTER3 (21, 3)	33.07200	0.000000
COSTO_CLUSTER3 (21, 4)	15.60000	0.000000
COSTO_CLUSTER3 (21, 5)	12.79200	0.000000
COSTO_CLUSTER3 (21, 6)	14.66400	0.000000
COSTO_CLUSTER3 (21, 7)	39.93600	0.000000
COSTO_CLUSTER3 (21, 8)	13.41600	0.000000
COSTO_CLUSTER3 (21, 9)	17.47200	0.000000
COSTO_CLUSTER3 (21, 10)	48.36000	0.000000
COSTO_CLUSTER3 (21, 11)	18.09600	0.000000
COSTO_CLUSTER3 (21, 12)	3.432000	0.000000
COSTO_CLUSTER3 (21, 13)	4.680000	0.000000
COSTO_CLUSTER3 (21, 14)	45.86400	0.000000
COSTO_CLUSTER3 (21, 15)	91.10400	0.000000
COSTO_CLUSTER3 (21, 16)	8.112000	0.000000
COSTO_CLUSTER3 (21, 17)	40.24800	0.000000
COSTO_CLUSTER3 (21, 18)	26.52000	0.000000
COSTO_CLUSTER3 (21, 19)	61.46400	0.000000
COSTO_CLUSTER3 (21, 20)	137.9040	0.000000
COSTO_CLUSTER3 (21, 21)	0.000000	0.000000
COSTO_CLUSTER3 (21, 22)	11.85600	0.000000
COSTO_CLUSTER3 (21, 23)	318.2400	0.000000
COSTO_CLUSTER3 (21, 24)	25.27200	0.000000
COSTO_CLUSTER3 (21, 25)	14.97600	0.000000
COSTO_CLUSTER3 (21, 26)	40.56000	0.000000
COSTO_CLUSTER3 (21, 27)	21.21600	0.000000
COSTO_CLUSTER3 (21, 28)	23.08800	0.000000
COSTO_CLUSTER3 (21, 29)	10.92000	0.000000
COSTO_CLUSTER3 (21, 30)	39.93600	0.000000
COSTO_CLUSTER3 (21, 31)	35.88000	0.000000
COSTO_CLUSTER3 (21, 32)	100.1520	0.000000
COSTO_CLUSTER3 (21, 33)	45.55200	0.000000
COSTO_CLUSTER3 (21, 34)	17.47200	0.000000
COSTO_CLUSTER3 (21, 35)	20.28000	0.000000
COSTO_CLUSTER3 (21, 36)	118.5600	0.000000
COSTO_CLUSTER3 (21, 37)	114.5040	0.000000
COSTO_CLUSTER3 (21, 38)	49.29600	0.000000
COSTO_CLUSTER3 (21, 39)	22.77600	0.000000
COSTO_CLUSTER3 (21, 40)	29.32800	0.000000
COSTO_CLUSTER3 (21, 41)	18.09600	0.000000
COSTO_CLUSTER3 (22, 1)	55.22400	0.000000
COSTO_CLUSTER3 (22, 2)	35.88000	0.000000
COSTO_CLUSTER3 (22, 3)	35.25600	0.000000
COSTO_CLUSTER3 (22, 4)	31.82400	0.000000
COSTO_CLUSTER3 (22, 5)	19.65600	0.000000
COSTO_CLUSTER3 (22, 6)	16.53600	0.000000
COSTO_CLUSTER3 (22, 7)	28.70400	0.000000
COSTO_CLUSTER3 (22, 8)	15.28800	0.000000
COSTO_CLUSTER3 (22, 9)	30.88800	0.000000
COSTO_CLUSTER3 (22, 10)	61.77600	0.000000
COSTO_CLUSTER3 (22, 11)	30.57600	0.000000
COSTO_CLUSTER3 (22, 12)	8.736000	0.000000
COSTO_CLUSTER3 (22, 13)	8.424000	0.000000
COSTO_CLUSTER3 (22, 14)	58.96800	0.000000
COSTO_CLUSTER3 (22, 15)	92.97600	0.000000
COSTO_CLUSTER3 (22, 16)	13.10400	0.000000
COSTO_CLUSTER3 (22, 17)	35.88000	0.000000
COSTO_CLUSTER3 (22, 18)	22.15200	0.000000
COSTO_CLUSTER3 (22, 19)	63.33600	0.000000
COSTO_CLUSTER3 (22, 20)	142.2720	0.000000
COSTO_CLUSTER3 (22, 21)	12.48000	0.000000
COSTO_CLUSTER3 (22, 22)	0.000000	0.000000
COSTO_CLUSTER3 (22, 23)	324.4800	0.000000
COSTO_CLUSTER3 (22, 24)	39.62400	0.000000
COSTO_CLUSTER3 (22, 25)	16.84800	0.000000
COSTO_CLUSTER3 (22, 26)	53.97600	0.000000

COSTO_CLUSTER3 (22, 27)	9.984000	0.000000
COSTO_CLUSTER3 (22, 28)	18.720000	0.000000
COSTO_CLUSTER3 (22, 29)	7.800000	0.000000
COSTO_CLUSTER3 (22, 30)	29.016000	0.000000
COSTO_CLUSTER3 (22, 31)	28.080000	0.000000
COSTO_CLUSTER3 (22, 32)	100.152000	0.000000
COSTO_CLUSTER3 (22, 33)	58.968000	0.000000
COSTO_CLUSTER3 (22, 34)	35.880000	0.000000
COSTO_CLUSTER3 (22, 35)	9.360000	0.000000
COSTO_CLUSTER3 (22, 36)	123.240000	0.000000
COSTO_CLUSTER3 (22, 37)	119.184000	0.000000
COSTO_CLUSTER3 (22, 38)	62.712000	0.000000
COSTO_CLUSTER3 (22, 39)	24.648000	0.000000
COSTO_CLUSTER3 (22, 40)	31.200000	0.000000
COSTO_CLUSTER3 (22, 41)	30.888000	0.000000
COSTO_CLUSTER3 (23, 1)	263.328000	0.000000
COSTO_CLUSTER3 (23, 2)	355.680000	0.000000
COSTO_CLUSTER3 (23, 3)	333.840000	0.000000
COSTO_CLUSTER3 (23, 4)	291.096000	0.000000
COSTO_CLUSTER3 (23, 5)	308.256000	0.000000
COSTO_CLUSTER3 (23, 6)	333.840000	0.000000
COSTO_CLUSTER3 (23, 7)	352.560000	0.000000
COSTO_CLUSTER3 (23, 8)	330.720000	0.000000
COSTO_CLUSTER3 (23, 9)	295.152000	0.000000
COSTO_CLUSTER3 (23, 10)	262.704000	0.000000
COSTO_CLUSTER3 (23, 11)	293.280000	0.000000
COSTO_CLUSTER3 (23, 12)	321.360000	0.000000
COSTO_CLUSTER3 (23, 13)	321.360000	0.000000
COSTO_CLUSTER3 (23, 14)	267.384000	0.000000
COSTO_CLUSTER3 (23, 15)	414.960000	0.000000
COSTO_CLUSTER3 (23, 16)	315.120000	0.000000
COSTO_CLUSTER3 (23, 17)	358.800000	0.000000
COSTO_CLUSTER3 (23, 18)	327.600000	0.000000
COSTO_CLUSTER3 (23, 19)	386.880000	0.000000
COSTO_CLUSTER3 (23, 20)	200.616000	0.000000
COSTO_CLUSTER3 (23, 21)	302.328000	0.000000
COSTO_CLUSTER3 (23, 22)	324.480000	0.000000
COSTO_CLUSTER3 (23, 23)	0.000000	0.000000
COSTO_CLUSTER3 (23, 24)	278.304000	0.000000
COSTO_CLUSTER3 (23, 25)	333.840000	0.000000
COSTO_CLUSTER3 (23, 26)	265.200000	0.000000
COSTO_CLUSTER3 (23, 27)	324.480000	0.000000
COSTO_CLUSTER3 (23, 28)	336.960000	0.000000
COSTO_CLUSTER3 (23, 29)	327.600000	0.000000
COSTO_CLUSTER3 (23, 30)	352.560000	0.000000
COSTO_CLUSTER3 (23, 31)	65.208000	0.000000
COSTO_CLUSTER3 (23, 32)	53.664000	0.000000
COSTO_CLUSTER3 (23, 33)	263.640000	0.000000
COSTO_CLUSTER3 (23, 34)	294.216000	0.000000
COSTO_CLUSTER3 (23, 35)	324.480000	0.000000
COSTO_CLUSTER3 (23, 36)	208.728000	0.000000
COSTO_CLUSTER3 (23, 37)	237.744000	0.000000
COSTO_CLUSTER3 (23, 38)	263.952000	0.000000
COSTO_CLUSTER3 (23, 39)	321.360000	0.000000
COSTO_CLUSTER3 (23, 40)	330.720000	0.000000
COSTO_CLUSTER3 (23, 41)	290.472000	0.000000
COSTO_CLUSTER3 (24, 1)	18.720000	0.000000
COSTO_CLUSTER3 (24, 2)	65.208000	0.000000
COSTO_CLUSTER3 (24, 3)	59.592000	0.000000
COSTO_CLUSTER3 (24, 4)	10.920000	0.000000
COSTO_CLUSTER3 (24, 5)	18.720000	0.000000
COSTO_CLUSTER3 (24, 6)	42.432000	0.000000
COSTO_CLUSTER3 (24, 7)	58.032000	0.000000
COSTO_CLUSTER3 (24, 8)	41.496000	0.000000
COSTO_CLUSTER3 (24, 9)	9.672000	0.000000
COSTO_CLUSTER3 (24, 10)	21.528000	0.000000
COSTO_CLUSTER3 (24, 11)	9.048000	0.000000
COSTO_CLUSTER3 (24, 12)	35.568000	0.000000
COSTO_CLUSTER3 (24, 13)	28.704000	0.000000
COSTO_CLUSTER3 (24, 14)	17.472000	0.000000
COSTO_CLUSTER3 (24, 15)	116.688000	0.000000

COSTO_CLUSTER3 (24, 16)	29.64000	0.000000
COSTO_CLUSTER3 (24, 17)	68.32800	0.000000
COSTO_CLUSTER3 (24, 18)	52.41600	0.000000
COSTO_CLUSTER3 (24, 19)	87.36000	0.000000
COSTO_CLUSTER3 (24, 20)	95.47200	0.000000
COSTO_CLUSTER3 (24, 21)	28.39200	0.000000
COSTO_CLUSTER3 (24, 22)	44.30400	0.000000
COSTO_CLUSTER3 (24, 23)	277.3680	0.000000
COSTO_CLUSTER3 (24, 24)	0.000000	0.000000
COSTO_CLUSTER3 (24, 25)	43.68000	0.000000
COSTO_CLUSTER3 (24, 26)	14.66400	0.000000
COSTO_CLUSTER3 (24, 27)	38.06400	0.000000
COSTO_CLUSTER3 (24, 28)	51.48000	0.000000
COSTO_CLUSTER3 (24, 29)	39.00000	0.000000
COSTO_CLUSTER3 (24, 30)	58.34400	0.000000
COSTO_CLUSTER3 (24, 31)	43.05600	0.000000
COSTO_CLUSTER3 (24, 32)	107.0160	0.000000
COSTO_CLUSTER3 (24, 33)	18.72000	0.000000
COSTO_CLUSTER3 (24, 34)	11.23200	0.000000
COSTO_CLUSTER3 (24, 35)	38.68800	0.000000
COSTO_CLUSTER3 (24, 36)	76.44000	0.000000
COSTO_CLUSTER3 (24, 37)	72.38400	0.000000
COSTO_CLUSTER3 (24, 38)	22.77600	0.000000
COSTO_CLUSTER3 (24, 39)	48.67200	0.000000
COSTO_CLUSTER3 (24, 40)	55.53600	0.000000
COSTO_CLUSTER3 (24, 41)	9.672000	0.000000
COSTO_CLUSTER3 (25, 1)	58.03200	0.000000
COSTO_CLUSTER3 (25, 2)	35.25600	0.000000
COSTO_CLUSTER3 (25, 3)	18.40800	0.000000
COSTO_CLUSTER3 (25, 4)	33.69600	0.000000
COSTO_CLUSTER3 (25, 5)	27.76800	0.000000
COSTO_CLUSTER3 (25, 6)	4.992000	0.000000
COSTO_CLUSTER3 (25, 7)	38.68800	0.000000
COSTO_CLUSTER3 (25, 8)	4.992000	0.000000
COSTO_CLUSTER3 (25, 9)	36.81600	0.000000
COSTO_CLUSTER3 (25, 10)	61.46400	0.000000
COSTO_CLUSTER3 (25, 11)	37.44000	0.000000
COSTO_CLUSTER3 (25, 12)	14.97600	0.000000
COSTO_CLUSTER3 (25, 13)	16.84800	0.000000
COSTO_CLUSTER3 (25, 14)	58.65600	0.000000
COSTO_CLUSTER3 (25, 15)	76.12800	0.000000
COSTO_CLUSTER3 (25, 16)	19.34400	0.000000
COSTO_CLUSTER3 (25, 17)	29.32800	0.000000
COSTO_CLUSTER3 (25, 18)	11.85600	0.000000
COSTO_CLUSTER3 (25, 19)	46.80000	0.000000
COSTO_CLUSTER3 (25, 20)	148.8240	0.000000
COSTO_CLUSTER3 (25, 21)	15.91200	0.000000
COSTO_CLUSTER3 (25, 22)	17.47200	0.000000
COSTO_CLUSTER3 (25, 23)	330.7200	0.000000
COSTO_CLUSTER3 (25, 24)	47.42400	0.000000
COSTO_CLUSTER3 (25, 25)	0.000000	0.000000
COSTO_CLUSTER3 (25, 26)	53.66400	0.000000
COSTO_CLUSTER3 (25, 27)	25.58400	0.000000
COSTO_CLUSTER3 (25, 28)	14.66400	0.000000
COSTO_CLUSTER3 (25, 29)	10.92000	0.000000
COSTO_CLUSTER3 (25, 30)	36.50400	0.000000
COSTO_CLUSTER3 (25, 31)	122.9280	0.000000
COSTO_CLUSTER3 (25, 32)	158.8080	0.000000
COSTO_CLUSTER3 (25, 33)	58.65600	0.000000
COSTO_CLUSTER3 (25, 34)	35.88000	0.000000
COSTO_CLUSTER3 (25, 35)	20.28000	0.000000
COSTO_CLUSTER3 (25, 36)	129.7920	0.000000
COSTO_CLUSTER3 (25, 37)	125.7360	0.000000
COSTO_CLUSTER3 (25, 38)	62.40000	0.000000
COSTO_CLUSTER3 (25, 39)	8.112000	0.000000
COSTO_CLUSTER3 (25, 40)	9.672000	0.000000
COSTO_CLUSTER3 (25, 41)	37.44000	0.000000
COSTO_CLUSTER3 (26, 1)	4.368000	0.000000
COSTO_CLUSTER3 (26, 2)	78.31200	0.000000
COSTO_CLUSTER3 (26, 3)	69.57600	0.000000
COSTO_CLUSTER3 (26, 4)	27.14400	0.000000

COSTO_CLUSTER3 (26, 5)	32.13600	0.000000
COSTO_CLUSTER3 (26, 6)	52.41600	0.000000
COSTO_CLUSTER3 (26, 7)	71.44800	0.000000
COSTO_CLUSTER3 (26, 8)	51.48000	0.000000
COSTO_CLUSTER3 (26, 9)	27.45600	0.000000
COSTO_CLUSTER3 (26, 10)	7.800000	0.000000
COSTO_CLUSTER3 (26, 11)	23.40000	0.000000
COSTO_CLUSTER3 (26, 12)	42.74400	0.000000
COSTO_CLUSTER3 (26, 13)	44.30400	0.000000
COSTO_CLUSTER3 (26, 14)	4.992000	0.000000
COSTO_CLUSTER3 (26, 15)	126.6720	0.000000
COSTO_CLUSTER3 (26, 16)	43.05600	0.000000
COSTO_CLUSTER3 (26, 17)	78.62400	0.000000
COSTO_CLUSTER3 (26, 18)	62.08800	0.000000
COSTO_CLUSTER3 (26, 19)	97.34400	0.000000
COSTO_CLUSTER3 (26, 20)	81.74400	0.000000
COSTO_CLUSTER3 (26, 21)	38.37600	0.000000
COSTO_CLUSTER3 (26, 22)	51.16800	0.000000
COSTO_CLUSTER3 (26, 23)	263.6400	0.000000
COSTO_CLUSTER3 (26, 24)	15.28800	0.000000
COSTO_CLUSTER3 (26, 25)	53.35200	0.000000
COSTO_CLUSTER3 (26, 26)	0.000000	0.000000
COSTO_CLUSTER3 (26, 27)	51.48000	0.000000
COSTO_CLUSTER3 (26, 28)	61.46400	0.000000
COSTO_CLUSTER3 (26, 29)	48.98400	0.000000
COSTO_CLUSTER3 (26, 30)	71.44800	0.000000
COSTO_CLUSTER3 (26, 31)	30.88800	0.000000
COSTO_CLUSTER3 (26, 32)	99.21600	0.000000
COSTO_CLUSTER3 (26, 33)	4.992000	0.000000
COSTO_CLUSTER3 (26, 34)	29.64000	0.000000
COSTO_CLUSTER3 (26, 35)	51.79200	0.000000
COSTO_CLUSTER3 (26, 36)	62.40000	0.000000
COSTO_CLUSTER3 (26, 37)	58.34400	0.000000
COSTO_CLUSTER3 (26, 38)	8.736000	0.000000
COSTO_CLUSTER3 (26, 39)	58.65600	0.000000
COSTO_CLUSTER3 (26, 40)	65.52000	0.000000
COSTO_CLUSTER3 (26, 41)	24.02400	0.000000
COSTO_CLUSTER3 (27, 1)	57.40800	0.000000
COSTO_CLUSTER3 (27, 2)	30.88800	0.000000
COSTO_CLUSTER3 (27, 3)	30.57600	0.000000
COSTO_CLUSTER3 (27, 4)	30.57600	0.000000
COSTO_CLUSTER3 (27, 5)	25.89600	0.000000
COSTO_CLUSTER3 (27, 6)	19.34400	0.000000
COSTO_CLUSTER3 (27, 7)	23.71200	0.000000
COSTO_CLUSTER3 (27, 8)	20.28000	0.000000
COSTO_CLUSTER3 (27, 9)	29.95200	0.000000
COSTO_CLUSTER3 (27, 10)	60.52800	0.000000
COSTO_CLUSTER3 (27, 11)	29.32800	0.000000
COSTO_CLUSTER3 (27, 12)	15.91200	0.000000
COSTO_CLUSTER3 (27, 13)	15.60000	0.000000
COSTO_CLUSTER3 (27, 14)	58.03200	0.000000
COSTO_CLUSTER3 (27, 15)	91.10400	0.000000
COSTO_CLUSTER3 (27, 16)	16.84800	0.000000
COSTO_CLUSTER3 (27, 17)	34.00800	0.000000
COSTO_CLUSTER3 (27, 18)	20.28000	0.000000
COSTO_CLUSTER3 (27, 19)	61.46400	0.000000
COSTO_CLUSTER3 (27, 20)	141.3360	0.000000
COSTO_CLUSTER3 (27, 21)	19.34400	0.000000
COSTO_CLUSTER3 (27, 22)	10.60800	0.000000
COSTO_CLUSTER3 (27, 23)	324.4800	0.000000
COSTO_CLUSTER3 (27, 24)	38.37600	0.000000
COSTO_CLUSTER3 (27, 25)	22.15200	0.000000
COSTO_CLUSTER3 (27, 26)	53.04000	0.000000
COSTO_CLUSTER3 (27, 27)	0.000000	0.000000
COSTO_CLUSTER3 (27, 28)	13.72800	0.000000
COSTO_CLUSTER3 (27, 29)	13.72800	0.000000
COSTO_CLUSTER3 (27, 30)	23.71200	0.000000
COSTO_CLUSTER3 (27, 31)	77.06400	0.000000
COSTO_CLUSTER3 (27, 32)	87.67200	0.000000
COSTO_CLUSTER3 (27, 33)	57.72000	0.000000
COSTO_CLUSTER3 (27, 34)	34.94400	0.000000

COSTO_CLUSTER3 (27, 35)	4.992000	0.000000
COSTO_CLUSTER3 (27, 36)	121.9920	0.000000
COSTO_CLUSTER3 (27, 37)	117.9360	0.000000
COSTO_CLUSTER3 (27, 38)	61.77600	0.000000
COSTO_CLUSTER3 (27, 39)	19.03200	0.000000
COSTO_CLUSTER3 (27, 40)	29.64000	0.000000
COSTO_CLUSTER3 (27, 41)	29.95200	0.000000
COSTO_CLUSTER3 (28, 1)	76.12800	0.000000
COSTO_CLUSTER3 (28, 2)	24.64800	0.000000
COSTO_CLUSTER3 (28, 3)	16.22400	0.000000
COSTO_CLUSTER3 (28, 4)	49.60800	0.000000
COSTO_CLUSTER3 (28, 5)	37.44000	0.000000
COSTO_CLUSTER3 (28, 6)	15.28800	0.000000
COSTO_CLUSTER3 (28, 7)	27.76800	0.000000
COSTO_CLUSTER3 (28, 8)	16.53600	0.000000
COSTO_CLUSTER3 (28, 9)	48.67200	0.000000
COSTO_CLUSTER3 (28, 10)	73.94400	0.000000
COSTO_CLUSTER3 (28, 11)	48.36000	0.000000
COSTO_CLUSTER3 (28, 12)	24.96000	0.000000
COSTO_CLUSTER3 (28, 13)	26.52000	0.000000
COSTO_CLUSTER3 (28, 14)	71.13600	0.000000
COSTO_CLUSTER3 (28, 15)	71.44800	0.000000
COSTO_CLUSTER3 (28, 16)	31.20000	0.000000
COSTO_CLUSTER3 (28, 17)	23.40000	0.000000
COSTO_CLUSTER3 (28, 18)	6.240000	0.000000
COSTO_CLUSTER3 (28, 19)	42.12000	0.000000
COSTO_CLUSTER3 (28, 20)	160.0560	0.000000
COSTO_CLUSTER3 (28, 21)	27.76800	0.000000
COSTO_CLUSTER3 (28, 22)	27.14400	0.000000
COSTO_CLUSTER3 (28, 23)	343.2000	0.000000
COSTO_CLUSTER3 (28, 24)	57.40800	0.000000
COSTO_CLUSTER3 (28, 25)	18.09600	0.000000
COSTO_CLUSTER3 (28, 26)	66.14400	0.000000
COSTO_CLUSTER3 (28, 27)	20.28000	0.000000
COSTO_CLUSTER3 (28, 28)	0.000000	0.000000
COSTO_CLUSTER3 (28, 29)	18.09600	0.000000
COSTO_CLUSTER3 (28, 30)	28.08000	0.000000
COSTO_CLUSTER3 (28, 31)	43.99200	0.000000
COSTO_CLUSTER3 (28, 32)	101.0880	0.000000
COSTO_CLUSTER3 (28, 33)	71.13600	0.000000
COSTO_CLUSTER3 (28, 34)	48.36000	0.000000
COSTO_CLUSTER3 (28, 35)	19.96800	0.000000
COSTO_CLUSTER3 (28, 36)	141.0240	0.000000
COSTO_CLUSTER3 (28, 37)	136.9680	0.000000
COSTO_CLUSTER3 (28, 38)	74.88000	0.000000
COSTO_CLUSTER3 (28, 39)	10.60800	0.000000
COSTO_CLUSTER3 (28, 40)	17.47200	0.000000
COSTO_CLUSTER3 (28, 41)	48.98400	0.000000
COSTO_CLUSTER3 (29, 1)	52.41600	0.000000
COSTO_CLUSTER3 (29, 2)	34.32000	0.000000
COSTO_CLUSTER3 (29, 3)	29.01600	0.000000
COSTO_CLUSTER3 (29, 4)	24.64800	0.000000
COSTO_CLUSTER3 (29, 5)	19.65600	0.000000
COSTO_CLUSTER3 (29, 6)	7.488000	0.000000
COSTO_CLUSTER3 (29, 7)	33.69600	0.000000
COSTO_CLUSTER3 (29, 8)	9.048000	0.000000
COSTO_CLUSTER3 (29, 9)	31.20000	0.000000
COSTO_CLUSTER3 (29, 10)	55.53600	0.000000
COSTO_CLUSTER3 (29, 11)	31.82400	0.000000
COSTO_CLUSTER3 (29, 12)	7.176000	0.000000
COSTO_CLUSTER3 (29, 13)	8.736000	0.000000
COSTO_CLUSTER3 (29, 14)	53.04000	0.000000
COSTO_CLUSTER3 (29, 15)	86.73600	0.000000
COSTO_CLUSTER3 (29, 16)	13.72800	0.000000
COSTO_CLUSTER3 (29, 17)	33.07200	0.000000
COSTO_CLUSTER3 (29, 18)	19.34400	0.000000
COSTO_CLUSTER3 (29, 19)	57.09600	0.000000
COSTO_CLUSTER3 (29, 20)	143.2080	0.000000
COSTO_CLUSTER3 (29, 21)	9.984000	0.000000
COSTO_CLUSTER3 (29, 22)	8.112000	0.000000
COSTO_CLUSTER3 (29, 23)	324.4800	0.000000

COSTO_CLUSTER3 (29, 24)	41.49600	0.000000
COSTO_CLUSTER3 (29, 25)	10.60800	0.000000
COSTO_CLUSTER3 (29, 26)	48.04800	0.000000
COSTO_CLUSTER3 (29, 27)	16.53600	0.000000
COSTO_CLUSTER3 (29, 28)	15.91200	0.000000
COSTO_CLUSTER3 (29, 29)	0.000000	0.000000
COSTO_CLUSTER3 (29, 30)	34.00800	0.000000
COSTO_CLUSTER3 (29, 31)	50.23200	0.000000
COSTO_CLUSTER3 (29, 32)	80.49600	0.000000
COSTO_CLUSTER3 (29, 33)	52.72800	0.000000
COSTO_CLUSTER3 (29, 34)	26.83200	0.000000
COSTO_CLUSTER3 (29, 35)	11.85600	0.000000
COSTO_CLUSTER3 (29, 36)	123.8640	0.000000
COSTO_CLUSTER3 (29, 37)	120.1200	0.000000
COSTO_CLUSTER3 (29, 38)	56.78400	0.000000
COSTO_CLUSTER3 (29, 39)	18.40800	0.000000
COSTO_CLUSTER3 (29, 40)	24.96000	0.000000
COSTO_CLUSTER3 (29, 41)	31.51200	0.000000
COSTO_CLUSTER3 (30, 1)	100.1520	0.000000
COSTO_CLUSTER3 (30, 2)	10.92000	0.000000
COSTO_CLUSTER3 (30, 3)	38.06400	0.000000
COSTO_CLUSTER3 (30, 4)	53.35200	0.000000
COSTO_CLUSTER3 (30, 5)	48.36000	0.000000
COSTO_CLUSTER3 (30, 6)	34.00800	0.000000
COSTO_CLUSTER3 (30, 7)	0.000000	0.000000
COSTO_CLUSTER3 (30, 8)	34.94400	0.000000
COSTO_CLUSTER3 (30, 9)	52.41600	0.000000
COSTO_CLUSTER3 (30, 10)	122.9280	0.000000
COSTO_CLUSTER3 (30, 11)	52.10400	0.000000
COSTO_CLUSTER3 (30, 12)	38.68800	0.000000
COSTO_CLUSTER3 (30, 13)	38.06400	0.000000
COSTO_CLUSTER3 (30, 14)	80.49600	0.000000
COSTO_CLUSTER3 (30, 15)	68.32800	0.000000
COSTO_CLUSTER3 (30, 16)	39.62400	0.000000
COSTO_CLUSTER3 (30, 17)	14.04000	0.000000
COSTO_CLUSTER3 (30, 18)	28.70400	0.000000
COSTO_CLUSTER3 (30, 19)	39.00000	0.000000
COSTO_CLUSTER3 (30, 20)	169.4160	0.000000
COSTO_CLUSTER3 (30, 21)	42.12000	0.000000
COSTO_CLUSTER3 (30, 22)	33.38400	0.000000
COSTO_CLUSTER3 (30, 23)	352.5600	0.000000
COSTO_CLUSTER3 (30, 24)	61.15200	0.000000
COSTO_CLUSTER3 (30, 25)	36.50400	0.000000
COSTO_CLUSTER3 (30, 26)	75.50400	0.000000
COSTO_CLUSTER3 (30, 27)	23.40000	0.000000
COSTO_CLUSTER3 (30, 28)	22.77600	0.000000
COSTO_CLUSTER3 (30, 29)	35.88000	0.000000
COSTO_CLUSTER3 (30, 30)	0.000000	0.000000
COSTO_CLUSTER3 (30, 31)	60.21600	0.000000
COSTO_CLUSTER3 (30, 32)	69.26400	0.000000
COSTO_CLUSTER3 (30, 33)	80.49600	0.000000
COSTO_CLUSTER3 (30, 34)	57.72000	0.000000
COSTO_CLUSTER3 (30, 35)	27.76800	0.000000
COSTO_CLUSTER3 (30, 36)	150.0720	0.000000
COSTO_CLUSTER3 (30, 37)	146.0160	0.000000
COSTO_CLUSTER3 (30, 38)	123.8640	0.000000
COSTO_CLUSTER3 (30, 39)	36.81600	0.000000
COSTO_CLUSTER3 (30, 40)	40.24800	0.000000
COSTO_CLUSTER3 (30, 41)	52.72800	0.000000
COSTO_CLUSTER3 (31, 1)	106.3920	0.000000
COSTO_CLUSTER3 (31, 2)	17.78400	0.000000
COSTO_CLUSTER3 (31, 3)	42.12000	0.000000
COSTO_CLUSTER3 (31, 4)	59.28000	0.000000
COSTO_CLUSTER3 (31, 5)	54.28800	0.000000
COSTO_CLUSTER3 (31, 6)	48.67200	0.000000
COSTO_CLUSTER3 (31, 7)	13.72800	0.000000
COSTO_CLUSTER3 (31, 8)	50.85600	0.000000
COSTO_CLUSTER3 (31, 9)	58.34400	0.000000
COSTO_CLUSTER3 (31, 10)	128.5440	0.000000
COSTO_CLUSTER3 (31, 11)	58.03200	0.000000
COSTO_CLUSTER3 (31, 12)	44.30400	0.000000

COSTO_CLUSTER3 (31, 13)	43.99200	0.000000
COSTO_CLUSTER3 (31, 14)	86.42400	0.000000
COSTO_CLUSTER3 (31, 15)	60.21600	0.000000
COSTO_CLUSTER3 (31, 16)	45.24000	0.000000
COSTO_CLUSTER3 (31, 17)	18.09600	0.000000
COSTO_CLUSTER3 (31, 18)	37.44000	0.000000
COSTO_CLUSTER3 (31, 19)	30.88800	0.000000
COSTO_CLUSTER3 (31, 20)	175.0320	0.000000
COSTO_CLUSTER3 (31, 21)	48.04800	0.000000
COSTO_CLUSTER3 (31, 22)	39.31200	0.000000
COSTO_CLUSTER3 (31, 23)	355.6800	0.000000
COSTO_CLUSTER3 (31, 24)	67.08000	0.000000
COSTO_CLUSTER3 (31, 25)	45.24000	0.000000
COSTO_CLUSTER3 (31, 26)	81.43200	0.000000
COSTO_CLUSTER3 (31, 27)	29.01600	0.000000
COSTO_CLUSTER3 (31, 28)	31.20000	0.000000
COSTO_CLUSTER3 (31, 29)	41.49600	0.000000
COSTO_CLUSTER3 (31, 30)	13.72800	0.000000
COSTO_CLUSTER3 (31, 31)	0.000000	0.000000
COSTO_CLUSTER3 (31, 32)	133.2240	0.000000
COSTO_CLUSTER3 (31, 33)	86.42400	0.000000
COSTO_CLUSTER3 (31, 34)	63.64800	0.000000
COSTO_CLUSTER3 (31, 35)	33.69600	0.000000
COSTO_CLUSTER3 (31, 36)	156.0000	0.000000
COSTO_CLUSTER3 (31, 37)	151.9440	0.000000
COSTO_CLUSTER3 (31, 38)	129.7920	0.000000
COSTO_CLUSTER3 (31, 39)	40.87200	0.000000
COSTO_CLUSTER3 (31, 40)	54.91200	0.000000
COSTO_CLUSTER3 (31, 41)	58.34400	0.000000
COSTO_CLUSTER3 (32, 1)	45.55200	0.000000
COSTO_CLUSTER3 (32, 2)	136.9680	0.000000
COSTO_CLUSTER3 (32, 3)	115.7520	0.000000
COSTO_CLUSTER3 (32, 4)	73.32000	0.000000
COSTO_CLUSTER3 (32, 5)	90.48000	0.000000
COSTO_CLUSTER3 (32, 6)	114.5040	0.000000
COSTO_CLUSTER3 (32, 7)	133.5360	0.000000
COSTO_CLUSTER3 (32, 8)	113.2560	0.000000
COSTO_CLUSTER3 (32, 9)	77.37600	0.000000
COSTO_CLUSTER3 (32, 10)	44.92800	0.000000
COSTO_CLUSTER3 (32, 11)	75.50400	0.000000
COSTO_CLUSTER3 (32, 12)	103.2720	0.000000
COSTO_CLUSTER3 (32, 13)	104.5200	0.000000
COSTO_CLUSTER3 (32, 14)	49.60800	0.000000
COSTO_CLUSTER3 (32, 15)	197.1840	0.000000
COSTO_CLUSTER3 (32, 16)	97.34400	0.000000
COSTO_CLUSTER3 (32, 17)	140.0880	0.000000
COSTO_CLUSTER3 (32, 18)	108.2640	0.000000
COSTO_CLUSTER3 (32, 19)	167.5440	0.000000
COSTO_CLUSTER3 (32, 20)	42.12000	0.000000
COSTO_CLUSTER3 (32, 21)	84.55200	0.000000
COSTO_CLUSTER3 (32, 22)	107.0160	0.000000
COSTO_CLUSTER3 (32, 23)	224.0160	0.000000
COSTO_CLUSTER3 (32, 24)	60.52800	0.000000
COSTO_CLUSTER3 (32, 25)	114.8160	0.000000
COSTO_CLUSTER3 (32, 26)	47.42400	0.000000
COSTO_CLUSTER3 (32, 27)	106.3920	0.000000
COSTO_CLUSTER3 (32, 28)	119.1840	0.000000
COSTO_CLUSTER3 (32, 29)	110.7600	0.000000
COSTO_CLUSTER3 (32, 30)	133.5360	0.000000
COSTO_CLUSTER3 (32, 31)	136.9680	0.000000
COSTO_CLUSTER3 (32, 32)	0.000000	0.000000
COSTO_CLUSTER3 (32, 33)	45.86400	0.000000
COSTO_CLUSTER3 (32, 34)	76.44000	0.000000
COSTO_CLUSTER3 (32, 35)	107.0160	0.000000
COSTO_CLUSTER3 (32, 36)	22.77600	0.000000
COSTO_CLUSTER3 (32, 37)	19.03200	0.000000
COSTO_CLUSTER3 (32, 38)	46.17600	0.000000
COSTO_CLUSTER3 (32, 39)	104.8320	0.000000
COSTO_CLUSTER3 (32, 40)	111.6960	0.000000
COSTO_CLUSTER3 (32, 41)	72.69600	0.000000
COSTO_CLUSTER3 (33, 1)	4.056000	0.000000

COSTO_CLUSTER3 (33, 2)	81.43200	0.000000
COSTO_CLUSTER3 (33, 3)	74.25600	0.000000
COSTO_CLUSTER3 (33, 4)	31.82400	0.000000
COSTO_CLUSTER3 (33, 5)	34.94400	0.000000
COSTO_CLUSTER3 (33, 6)	57.09600	0.000000
COSTO_CLUSTER3 (33, 7)	74.25600	0.000000
COSTO_CLUSTER3 (33, 8)	56.16000	0.000000
COSTO_CLUSTER3 (33, 9)	28.08000	0.000000
COSTO_CLUSTER3 (33, 10)	3.744000	0.000000
COSTO_CLUSTER3 (33, 11)	26.52000	0.000000
COSTO_CLUSTER3 (33, 12)	47.42400	0.000000
COSTO_CLUSTER3 (33, 13)	48.67200	0.000000
COSTO_CLUSTER3 (33, 14)	7.800000	0.000000
COSTO_CLUSTER3 (33, 15)	131.3520	0.000000
COSTO_CLUSTER3 (33, 16)	45.86400	0.000000
COSTO_CLUSTER3 (33, 17)	83.30400	0.000000
COSTO_CLUSTER3 (33, 18)	66.76800	0.000000
COSTO_CLUSTER3 (33, 19)	102.0240	0.000000
COSTO_CLUSTER3 (33, 20)	79.24800	0.000000
COSTO_CLUSTER3 (33, 21)	43.05600	0.000000
COSTO_CLUSTER3 (33, 22)	55.84800	0.000000
COSTO_CLUSTER3 (33, 23)	261.1440	0.000000
COSTO_CLUSTER3 (33, 24)	19.03200	0.000000
COSTO_CLUSTER3 (33, 25)	58.03200	0.000000
COSTO_CLUSTER3 (33, 26)	5.616000	0.000000
COSTO_CLUSTER3 (33, 27)	54.28800	0.000000
COSTO_CLUSTER3 (33, 28)	66.14400	0.000000
COSTO_CLUSTER3 (33, 29)	53.66400	0.000000
COSTO_CLUSTER3 (33, 30)	74.56800	0.000000
COSTO_CLUSTER3 (33, 31)	81.43200	0.000000
COSTO_CLUSTER3 (33, 32)	37.44000	0.000000
COSTO_CLUSTER3 (33, 33)	0.000000	0.000000
COSTO_CLUSTER3 (33, 34)	34.32000	0.000000
COSTO_CLUSTER3 (33, 35)	54.91200	0.000000
COSTO_CLUSTER3 (33, 36)	60.21600	0.000000
COSTO_CLUSTER3 (33, 37)	56.16000	0.000000
COSTO_CLUSTER3 (33, 38)	4.680000	0.000000
COSTO_CLUSTER3 (33, 39)	63.33600	0.000000
COSTO_CLUSTER3 (33, 40)	69.88800	0.000000
COSTO_CLUSTER3 (33, 41)	26.83200	0.000000
COSTO_CLUSTER3 (34, 1)	27.14400	0.000000
COSTO_CLUSTER3 (34, 2)	60.84000	0.000000
COSTO_CLUSTER3 (34, 3)	56.16000	0.000000
COSTO_CLUSTER3 (34, 4)	4.368000	0.000000
COSTO_CLUSTER3 (34, 5)	9.672000	0.000000
COSTO_CLUSTER3 (34, 6)	39.31200	0.000000
COSTO_CLUSTER3 (34, 7)	53.97600	0.000000
COSTO_CLUSTER3 (34, 8)	38.06400	0.000000
COSTO_CLUSTER3 (34, 9)	3.432000	0.000000
COSTO_CLUSTER3 (34, 10)	30.57600	0.000000
COSTO_CLUSTER3 (34, 11)	4.056000	0.000000
COSTO_CLUSTER3 (34, 12)	22.46400	0.000000
COSTO_CLUSTER3 (34, 13)	23.71200	0.000000
COSTO_CLUSTER3 (34, 14)	27.76800	0.000000
COSTO_CLUSTER3 (34, 15)	113.5680	0.000000
COSTO_CLUSTER3 (34, 16)	18.09600	0.000000
COSTO_CLUSTER3 (34, 17)	64.27200	0.000000
COSTO_CLUSTER3 (34, 18)	48.98400	0.000000
COSTO_CLUSTER3 (34, 19)	83.92800	0.000000
COSTO_CLUSTER3 (34, 20)	109.2000	0.000000
COSTO_CLUSTER3 (34, 21)	25.27200	0.000000
COSTO_CLUSTER3 (34, 22)	38.06400	0.000000
COSTO_CLUSTER3 (34, 23)	291.0960	0.000000
COSTO_CLUSTER3 (34, 24)	7.800000	0.000000
COSTO_CLUSTER3 (34, 25)	40.24800	0.000000
COSTO_CLUSTER3 (34, 26)	22.77600	0.000000
COSTO_CLUSTER3 (34, 27)	34.00800	0.000000
COSTO_CLUSTER3 (34, 28)	48.36000	0.000000
COSTO_CLUSTER3 (34, 29)	35.56800	0.000000
COSTO_CLUSTER3 (34, 30)	53.97600	0.000000
COSTO_CLUSTER3 (34, 31)	60.84000	0.000000

COSTO_CLUSTER3 (34, 32)	67.39200	0.000000
COSTO_CLUSTER3 (34, 33)	27.76800	0.000000
COSTO_CLUSTER3 (34, 34)	0.000000	0.000000
COSTO_CLUSTER3 (34, 35)	34.63200	0.000000
COSTO_CLUSTER3 (34, 36)	90.16800	0.000000
COSTO_CLUSTER3 (34, 37)	62.08800	0.000000
COSTO_CLUSTER3 (34, 38)	31.51200	0.000000
COSTO_CLUSTER3 (34, 39)	45.24000	0.000000
COSTO_CLUSTER3 (34, 40)	52.10400	0.000000
COSTO_CLUSTER3 (34, 41)	3.744000	0.000000
COSTO_CLUSTER3 (35, 1)	56.78400	0.000000
COSTO_CLUSTER3 (35, 2)	32.13600	0.000000
COSTO_CLUSTER3 (35, 3)	31.20000	0.000000
COSTO_CLUSTER3 (35, 4)	29.95200	0.000000
COSTO_CLUSTER3 (35, 5)	24.96000	0.000000
COSTO_CLUSTER3 (35, 6)	23.08800	0.000000
COSTO_CLUSTER3 (35, 7)	24.96000	0.000000
COSTO_CLUSTER3 (35, 8)	21.52800	0.000000
COSTO_CLUSTER3 (35, 9)	29.32800	0.000000
COSTO_CLUSTER3 (35, 10)	59.90400	0.000000
COSTO_CLUSTER3 (35, 11)	28.70400	0.000000
COSTO_CLUSTER3 (35, 12)	15.28800	0.000000
COSTO_CLUSTER3 (35, 13)	14.66400	0.000000
COSTO_CLUSTER3 (35, 14)	57.40800	0.000000
COSTO_CLUSTER3 (35, 15)	92.35200	0.000000
COSTO_CLUSTER3 (35, 16)	16.22400	0.000000
COSTO_CLUSTER3 (35, 17)	35.25600	0.000000
COSTO_CLUSTER3 (35, 18)	21.21600	0.000000
COSTO_CLUSTER3 (35, 19)	62.71200	0.000000
COSTO_CLUSTER3 (35, 20)	140.4000	0.000000
COSTO_CLUSTER3 (35, 21)	18.72000	0.000000
COSTO_CLUSTER3 (35, 22)	9.984000	0.000000
COSTO_CLUSTER3 (35, 23)	321.3600	0.000000
COSTO_CLUSTER3 (35, 24)	37.75200	0.000000
COSTO_CLUSTER3 (35, 25)	20.28000	0.000000
COSTO_CLUSTER3 (35, 26)	52.10400	0.000000
COSTO_CLUSTER3 (35, 27)	4.056000	0.000000
COSTO_CLUSTER3 (35, 28)	14.35200	0.000000
COSTO_CLUSTER3 (35, 29)	14.04000	0.000000
COSTO_CLUSTER3 (35, 30)	25.27200	0.000000
COSTO_CLUSTER3 (35, 31)	32.13600	0.000000
COSTO_CLUSTER3 (35, 32)	98.59200	0.000000
COSTO_CLUSTER3 (35, 33)	57.09600	0.000000
COSTO_CLUSTER3 (35, 34)	34.32000	0.000000
COSTO_CLUSTER3 (35, 35)	0.000000	0.000000
COSTO_CLUSTER3 (35, 36)	121.3680	0.000000
COSTO_CLUSTER3 (35, 37)	117.3120	0.000000
COSTO_CLUSTER3 (35, 38)	60.84000	0.000000
COSTO_CLUSTER3 (35, 39)	19.65600	0.000000
COSTO_CLUSTER3 (35, 40)	30.57600	0.000000
COSTO_CLUSTER3 (35, 41)	29.32800	0.000000
COSTO_CLUSTER3 (36, 1)	62.40000	0.000000
COSTO_CLUSTER3 (36, 2)	153.8160	0.000000
COSTO_CLUSTER3 (36, 3)	132.6000	0.000000
COSTO_CLUSTER3 (36, 4)	90.16800	0.000000
COSTO_CLUSTER3 (36, 5)	107.3280	0.000000
COSTO_CLUSTER3 (36, 6)	131.3520	0.000000
COSTO_CLUSTER3 (36, 7)	150.3840	0.000000
COSTO_CLUSTER3 (36, 8)	130.1040	0.000000
COSTO_CLUSTER3 (36, 9)	94.22400	0.000000
COSTO_CLUSTER3 (36, 10)	61.77600	0.000000
COSTO_CLUSTER3 (36, 11)	92.35200	0.000000
COSTO_CLUSTER3 (36, 12)	120.1200	0.000000
COSTO_CLUSTER3 (36, 13)	121.3680	0.000000
COSTO_CLUSTER3 (36, 14)	66.45600	0.000000
COSTO_CLUSTER3 (36, 15)	214.0320	0.000000
COSTO_CLUSTER3 (36, 16)	114.1920	0.000000
COSTO_CLUSTER3 (36, 17)	156.9360	0.000000
COSTO_CLUSTER3 (36, 18)	125.1120	0.000000
COSTO_CLUSTER3 (36, 19)	184.3920	0.000000
COSTO_CLUSTER3 (36, 20)	29.64000	0.000000

COSTO_CLUSTER3 (36, 21)	101.4000	0.000000
COSTO_CLUSTER3 (36, 22)	123.8640	0.000000
COSTO_CLUSTER3 (36, 23)	211.5360	0.000000
COSTO_CLUSTER3 (36, 24)	77.37600	0.000000
COSTO_CLUSTER3 (36, 25)	131.6640	0.000000
COSTO_CLUSTER3 (36, 26)	64.27200	0.000000
COSTO_CLUSTER3 (36, 27)	123.2400	0.000000
COSTO_CLUSTER3 (36, 28)	136.0320	0.000000
COSTO_CLUSTER3 (36, 29)	127.6080	0.000000
COSTO_CLUSTER3 (36, 30)	150.3840	0.000000
COSTO_CLUSTER3 (36, 31)	153.8160	0.000000
COSTO_CLUSTER3 (36, 32)	69.57600	0.000000
COSTO_CLUSTER3 (36, 33)	62.71200	0.000000
COSTO_CLUSTER3 (36, 34)	93.28800	0.000000
COSTO_CLUSTER3 (36, 35)	123.8640	0.000000
COSTO_CLUSTER3 (36, 36)	0.000000	0.000000
COSTO_CLUSTER3 (36, 37)	23.08800	0.000000
COSTO_CLUSTER3 (36, 38)	63.02400	0.000000
COSTO_CLUSTER3 (36, 39)	139.4640	0.000000
COSTO_CLUSTER3 (36, 40)	146.0160	0.000000
COSTO_CLUSTER3 (36, 41)	89.54400	0.000000
COSTO_CLUSTER3 (37, 1)	56.47200	0.000000
COSTO_CLUSTER3 (37, 2)	147.8880	0.000000
COSTO_CLUSTER3 (37, 3)	126.6720	0.000000
COSTO_CLUSTER3 (37, 4)	84.24000	0.000000
COSTO_CLUSTER3 (37, 5)	101.4000	0.000000
COSTO_CLUSTER3 (37, 6)	125.4240	0.000000
COSTO_CLUSTER3 (37, 7)	144.4560	0.000000
COSTO_CLUSTER3 (37, 8)	123.8640	0.000000
COSTO_CLUSTER3 (37, 9)	87.98400	0.000000
COSTO_CLUSTER3 (37, 10)	55.53600	0.000000
COSTO_CLUSTER3 (37, 11)	86.11200	0.000000
COSTO_CLUSTER3 (37, 12)	113.8800	0.000000
COSTO_CLUSTER3 (37, 13)	115.1280	0.000000
COSTO_CLUSTER3 (37, 14)	60.21600	0.000000
COSTO_CLUSTER3 (37, 15)	207.7920	0.000000
COSTO_CLUSTER3 (37, 16)	107.9520	0.000000
COSTO_CLUSTER3 (37, 17)	150.6960	0.000000
COSTO_CLUSTER3 (37, 18)	118.8720	0.000000
COSTO_CLUSTER3 (37, 19)	178.1520	0.000000
COSTO_CLUSTER3 (37, 20)	52.10400	0.000000
COSTO_CLUSTER3 (37, 21)	95.16000	0.000000
COSTO_CLUSTER3 (37, 22)	117.6240	0.000000
COSTO_CLUSTER3 (37, 23)	234.0000	0.000000
COSTO_CLUSTER3 (37, 24)	71.13600	0.000000
COSTO_CLUSTER3 (37, 25)	125.4240	0.000000
COSTO_CLUSTER3 (37, 26)	57.72000	0.000000
COSTO_CLUSTER3 (37, 27)	117.0000	0.000000
COSTO_CLUSTER3 (37, 28)	129.7920	0.000000
COSTO_CLUSTER3 (37, 29)	121.3680	0.000000
COSTO_CLUSTER3 (37, 30)	144.1440	0.000000
COSTO_CLUSTER3 (37, 31)	147.5760	0.000000
COSTO_CLUSTER3 (37, 32)	63.33600	0.000000
COSTO_CLUSTER3 (37, 33)	56.47200	0.000000
COSTO_CLUSTER3 (37, 34)	87.04800	0.000000
COSTO_CLUSTER3 (37, 35)	117.6240	0.000000
COSTO_CLUSTER3 (37, 36)	22.46400	0.000000
COSTO_CLUSTER3 (37, 37)	0.000000	0.000000
COSTO_CLUSTER3 (37, 38)	56.78400	0.000000
COSTO_CLUSTER3 (37, 39)	133.2240	0.000000
COSTO_CLUSTER3 (37, 40)	139.7760	0.000000
COSTO_CLUSTER3 (37, 41)	83.30400	0.000000
COSTO_CLUSTER3 (38, 1)	7.176000	0.000000
COSTO_CLUSTER3 (38, 2)	84.24000	0.000000
COSTO_CLUSTER3 (38, 3)	77.37600	0.000000
COSTO_CLUSTER3 (38, 4)	34.63200	0.000000
COSTO_CLUSTER3 (38, 5)	38.06400	0.000000
COSTO_CLUSTER3 (38, 6)	60.21600	0.000000
COSTO_CLUSTER3 (38, 7)	77.37600	0.000000
COSTO_CLUSTER3 (38, 8)	59.28000	0.000000
COSTO_CLUSTER3 (38, 9)	31.20000	0.000000

COSTO_CLUSTER3 (38, 10)	1.092000	0.000000
COSTO_CLUSTER3 (38, 11)	29.32800	0.000000
COSTO_CLUSTER3 (38, 12)	50.54400	0.000000
COSTO_CLUSTER3 (38, 13)	51.79200	0.000000
COSTO_CLUSTER3 (38, 14)	10.92000	0.000000
COSTO_CLUSTER3 (38, 15)	134.4720	0.000000
COSTO_CLUSTER3 (38, 16)	48.98400	0.000000
COSTO_CLUSTER3 (38, 17)	86.42400	0.000000
COSTO_CLUSTER3 (38, 18)	69.88800	0.000000
COSTO_CLUSTER3 (38, 19)	104.8320	0.000000
COSTO_CLUSTER3 (38, 20)	80.18400	0.000000
COSTO_CLUSTER3 (38, 21)	46.17600	0.000000
COSTO_CLUSTER3 (38, 22)	58.96800	0.000000
COSTO_CLUSTER3 (38, 23)	262.0800	0.000000
COSTO_CLUSTER3 (38, 24)	22.15200	0.000000
COSTO_CLUSTER3 (38, 25)	61.15200	0.000000
COSTO_CLUSTER3 (38, 26)	8.736000	0.000000
COSTO_CLUSTER3 (38, 27)	57.40800	0.000000
COSTO_CLUSTER3 (38, 28)	69.26400	0.000000
COSTO_CLUSTER3 (38, 29)	56.47200	0.000000
COSTO_CLUSTER3 (38, 30)	77.37600	0.000000
COSTO_CLUSTER3 (38, 31)	84.55200	0.000000
COSTO_CLUSTER3 (38, 32)	38.37600	0.000000
COSTO_CLUSTER3 (38, 33)	4.368000	0.000000
COSTO_CLUSTER3 (38, 34)	37.44000	0.000000
COSTO_CLUSTER3 (38, 35)	58.03200	0.000000
COSTO_CLUSTER3 (38, 36)	61.15200	0.000000
COSTO_CLUSTER3 (38, 37)	57.09600	0.000000
COSTO_CLUSTER3 (38, 38)	0.000000	0.000000
COSTO_CLUSTER3 (38, 39)	66.45600	0.000000
COSTO_CLUSTER3 (38, 40)	73.32000	0.000000
COSTO_CLUSTER3 (38, 41)	29.95200	0.000000
COSTO_CLUSTER3 (39, 1)	67.70400	0.000000
COSTO_CLUSTER3 (39, 2)	28.08000	0.000000
COSTO_CLUSTER3 (39, 3)	13.10400	0.000000
COSTO_CLUSTER3 (39, 4)	39.62400	0.000000
COSTO_CLUSTER3 (39, 5)	34.32000	0.000000
COSTO_CLUSTER3 (39, 6)	10.92000	0.000000
COSTO_CLUSTER3 (39, 7)	34.00800	0.000000
COSTO_CLUSTER3 (39, 8)	10.92000	0.000000
COSTO_CLUSTER3 (39, 9)	46.48800	0.000000
COSTO_CLUSTER3 (39, 10)	71.13600	0.000000
COSTO_CLUSTER3 (39, 11)	45.86400	0.000000
COSTO_CLUSTER3 (39, 12)	21.84000	0.000000
COSTO_CLUSTER3 (39, 13)	23.71200	0.000000
COSTO_CLUSTER3 (39, 14)	68.32800	0.000000
COSTO_CLUSTER3 (39, 15)	69.26400	0.000000
COSTO_CLUSTER3 (39, 16)	28.39200	0.000000
COSTO_CLUSTER3 (39, 17)	22.15200	0.000000
COSTO_CLUSTER3 (39, 18)	4.680000	0.000000
COSTO_CLUSTER3 (39, 19)	39.62400	0.000000
COSTO_CLUSTER3 (39, 20)	157.5600	0.000000
COSTO_CLUSTER3 (39, 21)	24.96000	0.000000
COSTO_CLUSTER3 (39, 22)	19.65600	0.000000
COSTO_CLUSTER3 (39, 23)	340.0800	0.000000
COSTO_CLUSTER3 (39, 24)	57.09600	0.000000
COSTO_CLUSTER3 (39, 25)	9.672000	0.000000
COSTO_CLUSTER3 (39, 26)	63.33600	0.000000
COSTO_CLUSTER3 (39, 27)	20.28000	0.000000
COSTO_CLUSTER3 (39, 28)	11.23200	0.000000
COSTO_CLUSTER3 (39, 29)	15.28800	0.000000
COSTO_CLUSTER3 (39, 30)	34.32000	0.000000
COSTO_CLUSTER3 (39, 31)	40.56000	0.000000
COSTO_CLUSTER3 (39, 32)	115.7520	0.000000
COSTO_CLUSTER3 (39, 33)	68.32800	0.000000
COSTO_CLUSTER3 (39, 34)	45.55200	0.000000
COSTO_CLUSTER3 (39, 35)	17.16000	0.000000
COSTO_CLUSTER3 (39, 36)	138.5280	0.000000
COSTO_CLUSTER3 (39, 37)	134.4720	0.000000
COSTO_CLUSTER3 (39, 38)	72.07200	0.000000
COSTO_CLUSTER3 (39, 39)	0.000000	0.000000

COSTO_CLUSTER3 (39, 40)	11.54400	0.000000
COSTO_CLUSTER3 (39, 41)	46.48800	0.000000
COSTO_CLUSTER3 (40, 1)	71.13600	0.000000
COSTO_CLUSTER3 (40, 2)	36.19200	0.000000
COSTO_CLUSTER3 (40, 3)	8.112000	0.000000
COSTO_CLUSTER3 (40, 4)	47.11200	0.000000
COSTO_CLUSTER3 (40, 5)	40.56000	0.000000
COSTO_CLUSTER3 (40, 6)	19.34400	0.000000
COSTO_CLUSTER3 (40, 7)	39.31200	0.000000
COSTO_CLUSTER3 (40, 8)	17.78400	0.000000
COSTO_CLUSTER3 (40, 9)	50.23200	0.000000
COSTO_CLUSTER3 (40, 10)	74.88000	0.000000
COSTO_CLUSTER3 (40, 11)	50.85600	0.000000
COSTO_CLUSTER3 (40, 12)	28.08000	0.000000
COSTO_CLUSTER3 (40, 13)	29.95200	0.000000
COSTO_CLUSTER3 (40, 14)	72.07200	0.000000
COSTO_CLUSTER3 (40, 15)	76.12800	0.000000
COSTO_CLUSTER3 (40, 16)	34.63200	0.000000
COSTO_CLUSTER3 (40, 17)	29.32800	0.000000
COSTO_CLUSTER3 (40, 18)	10.92000	0.000000
COSTO_CLUSTER3 (40, 19)	46.80000	0.000000
COSTO_CLUSTER3 (40, 20)	148.8240	0.000000
COSTO_CLUSTER3 (40, 21)	30.88800	0.000000
COSTO_CLUSTER3 (40, 22)	32.76000	0.000000
COSTO_CLUSTER3 (40, 23)	330.7200	0.000000
COSTO_CLUSTER3 (40, 24)	60.84000	0.000000
COSTO_CLUSTER3 (40, 25)	16.84800	0.000000
COSTO_CLUSTER3 (40, 26)	67.08000	0.000000
COSTO_CLUSTER3 (40, 27)	31.82400	0.000000
COSTO_CLUSTER3 (40, 28)	17.47200	0.000000
COSTO_CLUSTER3 (40, 29)	26.20800	0.000000
COSTO_CLUSTER3 (40, 30)	39.62400	0.000000
COSTO_CLUSTER3 (40, 31)	45.86400	0.000000
COSTO_CLUSTER3 (40, 32)	106.7040	0.000000
COSTO_CLUSTER3 (40, 33)	72.07200	0.000000
COSTO_CLUSTER3 (40, 34)	49.29600	0.000000
COSTO_CLUSTER3 (40, 35)	31.51200	0.000000
COSTO_CLUSTER3 (40, 36)	129.4800	0.000000
COSTO_CLUSTER3 (40, 37)	125.4240	0.000000
COSTO_CLUSTER3 (40, 38)	75.81600	0.000000
COSTO_CLUSTER3 (40, 39)	13.72800	0.000000
COSTO_CLUSTER3 (40, 40)	0.000000	0.000000
COSTO_CLUSTER3 (40, 41)	50.85600	0.000000
COSTO_CLUSTER3 (41, 1)	31.51200	0.000000
COSTO_CLUSTER3 (41, 2)	58.96800	0.000000
COSTO_CLUSTER3 (41, 3)	51.16800	0.000000
COSTO_CLUSTER3 (41, 4)	2.184000	0.000000
COSTO_CLUSTER3 (41, 5)	7.488000	0.000000
COSTO_CLUSTER3 (41, 6)	34.00800	0.000000
COSTO_CLUSTER3 (41, 7)	51.79200	0.000000
COSTO_CLUSTER3 (41, 8)	33.07200	0.000000
COSTO_CLUSTER3 (41, 9)	1.248000	0.000000
COSTO_CLUSTER3 (41, 10)	34.63200	0.000000
COSTO_CLUSTER3 (41, 11)	2.496000	0.000000
COSTO_CLUSTER3 (41, 12)	20.28000	0.000000
COSTO_CLUSTER3 (41, 13)	21.52800	0.000000
COSTO_CLUSTER3 (41, 14)	32.13600	0.000000
COSTO_CLUSTER3 (41, 15)	108.2640	0.000000
COSTO_CLUSTER3 (41, 16)	15.91200	0.000000
COSTO_CLUSTER3 (41, 17)	60.52800	0.000000
COSTO_CLUSTER3 (41, 18)	43.68000	0.000000
COSTO_CLUSTER3 (41, 19)	78.62400	0.000000
COSTO_CLUSTER3 (41, 20)	107.6400	0.000000
COSTO_CLUSTER3 (41, 21)	17.47200	0.000000
COSTO_CLUSTER3 (41, 22)	24.64800	0.000000
COSTO_CLUSTER3 (41, 23)	289.5360	0.000000
COSTO_CLUSTER3 (41, 24)	10.92000	0.000000
COSTO_CLUSTER3 (41, 25)	34.94400	0.000000
COSTO_CLUSTER3 (41, 26)	26.83200	0.000000
COSTO_CLUSTER3 (41, 27)	30.26400	0.000000
COSTO_CLUSTER3 (41, 28)	43.05600	0.000000

COSTO_CLUSTER3 (41, 29)	30.26400	0.000000
COSTO_CLUSTER3 (41, 30)	50.54400	0.000000
COSTO_CLUSTER3 (41, 31)	57.40800	0.000000
COSTO_CLUSTER3 (41, 32)	65.83200	0.000000
COSTO_CLUSTER3 (41, 33)	31.82400	0.000000
COSTO_CLUSTER3 (41, 34)	3.744000	0.000000
COSTO_CLUSTER3 (41, 35)	30.88800	0.000000
COSTO_CLUSTER3 (41, 36)	88.60800	0.000000
COSTO_CLUSTER3 (41, 37)	60.52800	0.000000
COSTO_CLUSTER3 (41, 38)	35.88000	0.000000
COSTO_CLUSTER3 (41, 39)	40.24800	0.000000
COSTO_CLUSTER3 (41, 40)	47.11200	0.000000
COSTO_CLUSTER3 (41, 41)	0.000000	0.000000
ARCO_CLUSTER3 (1, 1)	0.000000	0.000000
ARCO_CLUSTER3 (1, 2)	0.000000	80.49600
ARCO_CLUSTER3 (1, 3)	0.000000	73.32000
ARCO_CLUSTER3 (1, 4)	0.000000	30.88800
ARCO_CLUSTER3 (1, 5)	0.000000	34.00800
ARCO_CLUSTER3 (1, 6)	0.000000	57.09600
ARCO_CLUSTER3 (1, 7)	0.000000	73.32000
ARCO_CLUSTER3 (1, 8)	0.000000	55.53600
ARCO_CLUSTER3 (1, 9)	0.000000	27.14400
ARCO_CLUSTER3 (1, 10)	0.000000	7.488000
ARCO_CLUSTER3 (1, 11)	0.000000	25.58400
ARCO_CLUSTER3 (1, 12)	0.000000	50.85600
ARCO_CLUSTER3 (1, 13)	0.000000	46.80000
ARCO_CLUSTER3 (1, 14)	0.000000	7.176000
ARCO_CLUSTER3 (1, 15)	0.000000	131.9760
ARCO_CLUSTER3 (1, 16)	0.000000	44.92800
ARCO_CLUSTER3 (1, 17)	0.000000	83.61600
ARCO_CLUSTER3 (1, 18)	0.000000	65.83200
ARCO_CLUSTER3 (1, 19)	0.000000	101.0880
ARCO_CLUSTER3 (1, 20)	0.000000	81.12000
ARCO_CLUSTER3 (1, 21)	0.000000	42.12000
ARCO_CLUSTER3 (1, 22)	0.000000	54.91200
ARCO_CLUSTER3 (1, 23)	0.000000	263.3280
ARCO_CLUSTER3 (1, 24)	0.000000	18.40800
ARCO_CLUSTER3 (1, 25)	0.000000	57.09600
ARCO_CLUSTER3 (1, 26)	0.000000	4.992000
ARCO_CLUSTER3 (1, 27)	0.000000	53.35200
ARCO_CLUSTER3 (1, 28)	0.000000	65.20800
ARCO_CLUSTER3 (1, 29)	0.000000	52.72800
ARCO_CLUSTER3 (1, 30)	0.000000	73.63200
ARCO_CLUSTER3 (1, 31)	0.000000	80.49600
ARCO_CLUSTER3 (1, 32)	0.000000	39.31200
ARCO_CLUSTER3 (1, 33)	1.000000	4.680000
ARCO_CLUSTER3 (1, 34)	0.000000	27.76800
ARCO_CLUSTER3 (1, 35)	0.000000	53.97600
ARCO_CLUSTER3 (1, 36)	0.000000	62.08800
ARCO_CLUSTER3 (1, 37)	0.000000	55.22400
ARCO_CLUSTER3 (1, 38)	0.000000	8.424000
ARCO_CLUSTER3 (1, 39)	0.000000	62.40000
ARCO_CLUSTER3 (1, 40)	0.000000	69.26400
ARCO_CLUSTER3 (1, 41)	0.000000	25.89600
ARCO_CLUSTER3 (2, 1)	0.000000	105.7680
ARCO_CLUSTER3 (2, 2)	0.000000	0.000000
ARCO_CLUSTER3 (2, 3)	0.000000	30.26400
ARCO_CLUSTER3 (2, 4)	0.000000	58.96800
ARCO_CLUSTER3 (2, 5)	0.000000	53.97600
ARCO_CLUSTER3 (2, 6)	0.000000	28.08000
ARCO_CLUSTER3 (2, 7)	0.000000	15.28800
ARCO_CLUSTER3 (2, 8)	0.000000	29.01600
ARCO_CLUSTER3 (2, 9)	0.000000	58.03200
ARCO_CLUSTER3 (2, 10)	0.000000	128.2320
ARCO_CLUSTER3 (2, 11)	0.000000	57.40800
ARCO_CLUSTER3 (2, 12)	0.000000	37.44000
ARCO_CLUSTER3 (2, 13)	0.000000	39.31200
ARCO_CLUSTER3 (2, 14)	0.000000	86.11200
ARCO_CLUSTER3 (2, 15)	0.000000	63.33600
ARCO_CLUSTER3 (2, 16)	0.000000	44.92800
ARCO_CLUSTER3 (2, 17)	1.000000	4.992000

ARCO_CLUSTER3 (2, 18)	0.000000	22.77600
ARCO_CLUSTER3 (2, 19)	0.000000	34.94400
ARCO_CLUSTER3 (2, 20)	0.000000	174.7200
ARCO_CLUSTER3 (2, 21)	0.000000	40.56000
ARCO_CLUSTER3 (2, 22)	0.000000	39.00000
ARCO_CLUSTER3 (2, 23)	0.000000	355.6800
ARCO_CLUSTER3 (2, 24)	0.000000	66.45600
ARCO_CLUSTER3 (2, 25)	0.000000	30.57600
ARCO_CLUSTER3 (2, 26)	0.000000	81.12000
ARCO_CLUSTER3 (2, 27)	0.000000	28.70400
ARCO_CLUSTER3 (2, 28)	0.000000	16.84800
ARCO_CLUSTER3 (2, 29)	0.000000	30.88800
ARCO_CLUSTER3 (2, 30)	0.000000	15.60000
ARCO_CLUSTER3 (2, 31)	0.000000	14.35200
ARCO_CLUSTER3 (2, 32)	0.000000	132.9120
ARCO_CLUSTER3 (2, 33)	0.000000	86.11200
ARCO_CLUSTER3 (2, 34)	0.000000	62.71200
ARCO_CLUSTER3 (2, 35)	0.000000	31.82400
ARCO_CLUSTER3 (2, 36)	0.000000	155.6880
ARCO_CLUSTER3 (2, 37)	0.000000	151.6320
ARCO_CLUSTER3 (2, 38)	0.000000	129.1680
ARCO_CLUSTER3 (2, 39)	0.000000	28.70400
ARCO_CLUSTER3 (2, 40)	0.000000	34.32000
ARCO_CLUSTER3 (2, 41)	0.000000	58.03200
ARCO_CLUSTER3 (3, 1)	0.000000	70.51200
ARCO_CLUSTER3 (3, 2)	0.000000	29.32800
ARCO_CLUSTER3 (3, 3)	0.000000	0.000000
ARCO_CLUSTER3 (3, 4)	0.000000	46.48800
ARCO_CLUSTER3 (3, 5)	0.000000	39.93600
ARCO_CLUSTER3 (3, 6)	0.000000	17.16000
ARCO_CLUSTER3 (3, 7)	0.000000	32.44800
ARCO_CLUSTER3 (3, 8)	0.000000	17.16000
ARCO_CLUSTER3 (3, 9)	0.000000	51.48000
ARCO_CLUSTER3 (3, 10)	0.000000	74.25600
ARCO_CLUSTER3 (3, 11)	0.000000	50.23200
ARCO_CLUSTER3 (3, 12)	0.000000	27.45600
ARCO_CLUSTER3 (3, 13)	0.000000	29.01600
ARCO_CLUSTER3 (3, 14)	0.000000	71.44800
ARCO_CLUSTER3 (3, 15)	0.000000	68.95200
ARCO_CLUSTER3 (3, 16)	0.000000	34.00800
ARCO_CLUSTER3 (3, 17)	0.000000	20.59200
ARCO_CLUSTER3 (3, 18)	0.000000	7.488000
ARCO_CLUSTER3 (3, 19)	0.000000	38.06400
ARCO_CLUSTER3 (3, 20)	0.000000	163.4880
ARCO_CLUSTER3 (3, 21)	0.000000	30.26400
ARCO_CLUSTER3 (3, 22)	0.000000	28.70400
ARCO_CLUSTER3 (3, 23)	0.000000	346.3200
ARCO_CLUSTER3 (3, 24)	0.000000	60.21600
ARCO_CLUSTER3 (3, 25)	0.000000	15.91200
ARCO_CLUSTER3 (3, 26)	0.000000	66.45600
ARCO_CLUSTER3 (3, 27)	0.000000	28.08000
ARCO_CLUSTER3 (3, 28)	1.000000	13.10400
ARCO_CLUSTER3 (3, 29)	0.000000	25.58400
ARCO_CLUSTER3 (3, 30)	0.000000	32.76000
ARCO_CLUSTER3 (3, 31)	0.000000	39.00000
ARCO_CLUSTER3 (3, 32)	0.000000	121.3680
ARCO_CLUSTER3 (3, 33)	0.000000	71.44800
ARCO_CLUSTER3 (3, 34)	0.000000	48.67200
ARCO_CLUSTER3 (3, 35)	0.000000	27.76800
ARCO_CLUSTER3 (3, 36)	0.000000	144.4560
ARCO_CLUSTER3 (3, 37)	0.000000	137.5920
ARCO_CLUSTER3 (3, 38)	0.000000	75.19200
ARCO_CLUSTER3 (3, 39)	0.000000	9.360000
ARCO_CLUSTER3 (3, 40)	0.000000	11.85600
ARCO_CLUSTER3 (3, 41)	0.000000	50.23200
ARCO_CLUSTER3 (4, 1)	0.000000	33.38400
ARCO_CLUSTER3 (4, 2)	0.000000	57.40800
ARCO_CLUSTER3 (4, 3)	0.000000	49.60800
ARCO_CLUSTER3 (4, 4)	0.000000	0.000000
ARCO_CLUSTER3 (4, 5)	0.000000	5.928000
ARCO_CLUSTER3 (4, 6)	0.000000	32.44800

ARCO_CLUSTER3 (4, 7)	0.000000	50.23200
ARCO_CLUSTER3 (4, 8)	0.000000	31.20000
ARCO_CLUSTER3 (4, 9)	0.000000	4.368000
ARCO_CLUSTER3 (4, 10)	0.000000	36.81600
ARCO_CLUSTER3 (4, 11)	1.000000	3.432000
ARCO_CLUSTER3 (4, 12)	0.000000	18.72000
ARCO_CLUSTER3 (4, 13)	0.000000	19.96800
ARCO_CLUSTER3 (4, 14)	0.000000	34.00800
ARCO_CLUSTER3 (4, 15)	0.000000	108.2640
ARCO_CLUSTER3 (4, 16)	0.000000	16.22400
ARCO_CLUSTER3 (4, 17)	0.000000	58.65600
ARCO_CLUSTER3 (4, 18)	0.000000	42.12000
ARCO_CLUSTER3 (4, 19)	0.000000	77.37600
ARCO_CLUSTER3 (4, 20)	0.000000	108.5760
ARCO_CLUSTER3 (4, 21)	0.000000	15.91200
ARCO_CLUSTER3 (4, 22)	0.000000	27.14400
ARCO_CLUSTER3 (4, 23)	0.000000	290.7840
ARCO_CLUSTER3 (4, 24)	0.000000	12.48000
ARCO_CLUSTER3 (4, 25)	0.000000	33.38400
ARCO_CLUSTER3 (4, 26)	0.000000	29.01600
ARCO_CLUSTER3 (4, 27)	0.000000	30.26400
ARCO_CLUSTER3 (4, 28)	0.000000	41.49600
ARCO_CLUSTER3 (4, 29)	0.000000	29.01600
ARCO_CLUSTER3 (4, 30)	0.000000	50.54400
ARCO_CLUSTER3 (4, 31)	0.000000	57.40800
ARCO_CLUSTER3 (4, 32)	0.000000	66.76800
ARCO_CLUSTER3 (4, 33)	0.000000	34.00800
ARCO_CLUSTER3 (4, 34)	0.000000	4.680000
ARCO_CLUSTER3 (4, 35)	0.000000	30.88800
ARCO_CLUSTER3 (4, 36)	0.000000	89.54400
ARCO_CLUSTER3 (4, 37)	0.000000	61.46400
ARCO_CLUSTER3 (4, 38)	0.000000	37.75200
ARCO_CLUSTER3 (4, 39)	0.000000	38.68800
ARCO_CLUSTER3 (4, 40)	0.000000	45.55200
ARCO_CLUSTER3 (4, 41)	0.000000	3.432000
ARCO_CLUSTER3 (5, 1)	0.000000	38.06400
ARCO_CLUSTER3 (5, 2)	0.000000	52.41600
ARCO_CLUSTER3 (5, 3)	0.000000	47.73600
ARCO_CLUSTER3 (5, 4)	1.000000	6.240000
ARCO_CLUSTER3 (5, 5)	0.000000	0.000000
ARCO_CLUSTER3 (5, 6)	0.000000	24.96000
ARCO_CLUSTER3 (5, 7)	0.000000	45.24000
ARCO_CLUSTER3 (5, 8)	0.000000	23.71200
ARCO_CLUSTER3 (5, 9)	0.000000	10.60800
ARCO_CLUSTER3 (5, 10)	0.000000	41.49600
ARCO_CLUSTER3 (5, 11)	0.000000	10.29600
ARCO_CLUSTER3 (5, 12)	0.000000	13.72800
ARCO_CLUSTER3 (5, 13)	0.000000	14.97600
ARCO_CLUSTER3 (5, 14)	0.000000	38.68800
ARCO_CLUSTER3 (5, 15)	0.000000	106.0800
ARCO_CLUSTER3 (5, 16)	0.000000	9.360000
ARCO_CLUSTER3 (5, 17)	0.000000	55.53600
ARCO_CLUSTER3 (5, 18)	0.000000	40.24800
ARCO_CLUSTER3 (5, 19)	0.000000	75.19200
ARCO_CLUSTER3 (5, 20)	0.000000	123.2400
ARCO_CLUSTER3 (5, 21)	0.000000	14.97600
ARCO_CLUSTER3 (5, 22)	0.000000	19.96800
ARCO_CLUSTER3 (5, 23)	0.000000	305.1360
ARCO_CLUSTER3 (5, 24)	0.000000	19.34400
ARCO_CLUSTER3 (5, 25)	0.000000	25.27200
ARCO_CLUSTER3 (5, 26)	0.000000	33.69600
ARCO_CLUSTER3 (5, 27)	0.000000	25.27200
ARCO_CLUSTER3 (5, 28)	0.000000	33.38400
ARCO_CLUSTER3 (5, 29)	0.000000	21.21600
ARCO_CLUSTER3 (5, 30)	0.000000	45.55200
ARCO_CLUSTER3 (5, 31)	0.000000	52.41600
ARCO_CLUSTER3 (5, 32)	0.000000	81.12000
ARCO_CLUSTER3 (5, 33)	0.000000	38.68800
ARCO_CLUSTER3 (5, 34)	0.000000	9.048000
ARCO_CLUSTER3 (5, 35)	0.000000	25.89600
ARCO_CLUSTER3 (5, 36)	0.000000	103.8960

ARCO_CLUSTER3 (5, 37)	0.000000	66.76800
ARCO_CLUSTER3 (5, 38)	0.000000	42.43200
ARCO_CLUSTER3 (5, 39)	0.000000	36.50400
ARCO_CLUSTER3 (5, 40)	0.000000	43.36800
ARCO_CLUSTER3 (5, 41)	0.000000	10.60800
ARCO_CLUSTER3 (6, 1)	0.000000	56.47200
ARCO_CLUSTER3 (6, 2)	0.000000	29.32800
ARCO_CLUSTER3 (6, 3)	0.000000	21.84000
ARCO_CLUSTER3 (6, 4)	0.000000	28.39200
ARCO_CLUSTER3 (6, 5)	0.000000	23.08800
ARCO_CLUSTER3 (6, 6)	0.000000	0.000000
ARCO_CLUSTER3 (6, 7)	0.000000	32.76000
ARCO_CLUSTER3 (6, 8)	0.000000	2.184000
ARCO_CLUSTER3 (6, 9)	0.000000	36.81600
ARCO_CLUSTER3 (6, 10)	0.000000	59.90400
ARCO_CLUSTER3 (6, 11)	0.000000	35.88000
ARCO_CLUSTER3 (6, 12)	0.000000	10.60800
ARCO_CLUSTER3 (6, 13)	0.000000	12.48000
ARCO_CLUSTER3 (6, 14)	0.000000	57.09600
ARCO_CLUSTER3 (6, 15)	0.000000	81.12000
ARCO_CLUSTER3 (6, 16)	0.000000	17.16000
ARCO_CLUSTER3 (6, 17)	0.000000	28.08000
ARCO_CLUSTER3 (6, 18)	0.000000	14.35200
ARCO_CLUSTER3 (6, 19)	0.000000	50.23200
ARCO_CLUSTER3 (6, 20)	0.000000	146.6400
ARCO_CLUSTER3 (6, 21)	0.000000	13.72800
ARCO_CLUSTER3 (6, 22)	0.000000	13.10400
ARCO_CLUSTER3 (6, 23)	0.000000	327.6000
ARCO_CLUSTER3 (6, 24)	0.000000	45.55200
ARCO_CLUSTER3 (6, 25)	0.000000	3.744000
ARCO_CLUSTER3 (6, 26)	0.000000	52.10400
ARCO_CLUSTER3 (6, 27)	0.000000	21.84000
ARCO_CLUSTER3 (6, 28)	0.000000	10.92000
ARCO_CLUSTER3 (6, 29)	1.000000	6.864000
ARCO_CLUSTER3 (6, 30)	0.000000	32.76000
ARCO_CLUSTER3 (6, 31)	0.000000	39.31200
ARCO_CLUSTER3 (6, 32)	0.000000	104.8320
ARCO_CLUSTER3 (6, 33)	0.000000	56.78400
ARCO_CLUSTER3 (6, 34)	0.000000	30.26400
ARCO_CLUSTER3 (6, 35)	0.000000	17.47200
ARCO_CLUSTER3 (6, 36)	0.000000	127.6080
ARCO_CLUSTER3 (6, 37)	0.000000	120.7440
ARCO_CLUSTER3 (6, 38)	0.000000	60.84000
ARCO_CLUSTER3 (6, 39)	0.000000	11.54400
ARCO_CLUSTER3 (6, 40)	0.000000	18.09600
ARCO_CLUSTER3 (6, 41)	0.000000	35.56800
ARCO_CLUSTER3 (7, 1)	0.000000	100.1520
ARCO_CLUSTER3 (7, 2)	1.000000	10.60800
ARCO_CLUSTER3 (7, 3)	0.000000	37.75200
ARCO_CLUSTER3 (7, 4)	0.000000	53.04000
ARCO_CLUSTER3 (7, 5)	0.000000	48.04800
ARCO_CLUSTER3 (7, 6)	0.000000	33.69600
ARCO_CLUSTER3 (7, 7)	0.000000	0.000000
ARCO_CLUSTER3 (7, 8)	0.000000	34.63200
ARCO_CLUSTER3 (7, 9)	0.000000	52.10400
ARCO_CLUSTER3 (7, 10)	0.000000	122.6160
ARCO_CLUSTER3 (7, 11)	0.000000	51.79200
ARCO_CLUSTER3 (7, 12)	0.000000	38.37600
ARCO_CLUSTER3 (7, 13)	0.000000	37.75200
ARCO_CLUSTER3 (7, 14)	0.000000	80.18400
ARCO_CLUSTER3 (7, 15)	0.000000	88.29600
ARCO_CLUSTER3 (7, 16)	0.000000	39.31200
ARCO_CLUSTER3 (7, 17)	0.000000	14.04000
ARCO_CLUSTER3 (7, 18)	0.000000	28.39200
ARCO_CLUSTER3 (7, 19)	0.000000	39.31200
ARCO_CLUSTER3 (7, 20)	0.000000	169.1040
ARCO_CLUSTER3 (7, 21)	0.000000	41.80800
ARCO_CLUSTER3 (7, 22)	0.000000	33.07200
ARCO_CLUSTER3 (7, 23)	0.000000	349.4400
ARCO_CLUSTER3 (7, 24)	0.000000	60.84000
ARCO_CLUSTER3 (7, 25)	0.000000	36.19200

ARCO_CLUSTER3 (7, 26)	0.000000	75.19200
ARCO_CLUSTER3 (7, 27)	0.000000	23.08800
ARCO_CLUSTER3 (7, 28)	0.000000	22.46400
ARCO_CLUSTER3 (7, 29)	0.000000	35.56800
ARCO_CLUSTER3 (7, 30)	0.000000	0.000000
ARCO_CLUSTER3 (7, 31)	0.000000	8.424000
ARCO_CLUSTER3 (7, 32)	0.000000	126.9840
ARCO_CLUSTER3 (7, 33)	0.000000	80.18400
ARCO_CLUSTER3 (7, 34)	0.000000	57.09600
ARCO_CLUSTER3 (7, 35)	0.000000	25.89600
ARCO_CLUSTER3 (7, 36)	0.000000	149.7600
ARCO_CLUSTER3 (7, 37)	0.000000	142.8960
ARCO_CLUSTER3 (7, 38)	0.000000	123.5520
ARCO_CLUSTER3 (7, 39)	0.000000	36.50400
ARCO_CLUSTER3 (7, 40)	0.000000	39.93600
ARCO_CLUSTER3 (7, 41)	0.000000	52.41600
ARCO_CLUSTER3 (8, 1)	0.000000	55.84800
ARCO_CLUSTER3 (8, 2)	0.000000	30.57600
ARCO_CLUSTER3 (8, 3)	0.000000	22.15200
ARCO_CLUSTER3 (8, 4)	0.000000	27.76800
ARCO_CLUSTER3 (8, 5)	0.000000	22.77600
ARCO_CLUSTER3 (8, 6)	1.000000	2.184000
ARCO_CLUSTER3 (8, 7)	0.000000	33.69600
ARCO_CLUSTER3 (8, 8)	0.000000	0.000000
ARCO_CLUSTER3 (8, 9)	0.000000	36.19200
ARCO_CLUSTER3 (8, 10)	0.000000	59.28000
ARCO_CLUSTER3 (8, 11)	0.000000	35.25600
ARCO_CLUSTER3 (8, 12)	0.000000	10.29600
ARCO_CLUSTER3 (8, 13)	0.000000	11.85600
ARCO_CLUSTER3 (8, 14)	0.000000	56.47200
ARCO_CLUSTER3 (8, 15)	0.000000	79.87200
ARCO_CLUSTER3 (8, 16)	0.000000	16.53600
ARCO_CLUSTER3 (8, 17)	0.000000	29.32800
ARCO_CLUSTER3 (8, 18)	0.000000	15.28800
ARCO_CLUSTER3 (8, 19)	0.000000	50.54400
ARCO_CLUSTER3 (8, 20)	0.000000	146.3280
ARCO_CLUSTER3 (8, 21)	0.000000	13.10400
ARCO_CLUSTER3 (8, 22)	0.000000	14.04000
ARCO_CLUSTER3 (8, 23)	0.000000	327.6000
ARCO_CLUSTER3 (8, 24)	0.000000	45.24000
ARCO_CLUSTER3 (8, 25)	0.000000	3.744000
ARCO_CLUSTER3 (8, 26)	0.000000	51.48000
ARCO_CLUSTER3 (8, 27)	0.000000	22.77600
ARCO_CLUSTER3 (8, 28)	0.000000	11.85600
ARCO_CLUSTER3 (8, 29)	0.000000	8.112000
ARCO_CLUSTER3 (8, 30)	0.000000	34.00800
ARCO_CLUSTER3 (8, 31)	0.000000	40.24800
ARCO_CLUSTER3 (8, 32)	0.000000	104.2080
ARCO_CLUSTER3 (8, 33)	0.000000	56.47200
ARCO_CLUSTER3 (8, 34)	0.000000	29.95200
ARCO_CLUSTER3 (8, 35)	0.000000	18.40800
ARCO_CLUSTER3 (8, 36)	0.000000	126.9840
ARCO_CLUSTER3 (8, 37)	0.000000	122.6160
ARCO_CLUSTER3 (8, 38)	0.000000	60.21600
ARCO_CLUSTER3 (8, 39)	0.000000	11.85600
ARCO_CLUSTER3 (8, 40)	0.000000	18.40800
ARCO_CLUSTER3 (8, 41)	0.000000	35.25600
ARCO_CLUSTER3 (9, 1)	0.000000	31.82400
ARCO_CLUSTER3 (9, 2)	0.000000	57.09600
ARCO_CLUSTER3 (9, 3)	0.000000	49.92000
ARCO_CLUSTER3 (9, 4)	0.000000	0.8736000
ARCO_CLUSTER3 (9, 5)	0.000000	6.240000
ARCO_CLUSTER3 (9, 6)	0.000000	32.76000
ARCO_CLUSTER3 (9, 7)	0.000000	49.92000
ARCO_CLUSTER3 (9, 8)	0.000000	31.51200
ARCO_CLUSTER3 (9, 9)	0.000000	0.000000
ARCO_CLUSTER3 (9, 10)	0.000000	36.81600
ARCO_CLUSTER3 (9, 11)	0.000000	3.744000
ARCO_CLUSTER3 (9, 12)	0.000000	19.03200
ARCO_CLUSTER3 (9, 13)	0.000000	20.28000
ARCO_CLUSTER3 (9, 14)	0.000000	34.32000

ARCO_CLUSTER3 (9, 15)	0.000000	107.3280
ARCO_CLUSTER3 (9, 16)	0.000000	15.60000
ARCO_CLUSTER3 (9, 17)	0.000000	60.21600
ARCO_CLUSTER3 (9, 18)	0.000000	42.74400
ARCO_CLUSTER3 (9, 19)	0.000000	77.37600
ARCO_CLUSTER3 (9, 20)	0.000000	108.2640
ARCO_CLUSTER3 (9, 21)	0.000000	16.22400
ARCO_CLUSTER3 (9, 22)	0.000000	27.14400
ARCO_CLUSTER3 (9, 23)	0.000000	290.1600
ARCO_CLUSTER3 (9, 24)	0.000000	11.85600
ARCO_CLUSTER3 (9, 25)	0.000000	34.00800
ARCO_CLUSTER3 (9, 26)	0.000000	29.01600
ARCO_CLUSTER3 (9, 27)	0.000000	29.95200
ARCO_CLUSTER3 (9, 28)	0.000000	42.12000
ARCO_CLUSTER3 (9, 29)	0.000000	29.32800
ARCO_CLUSTER3 (9, 30)	0.000000	50.23200
ARCO_CLUSTER3 (9, 31)	0.000000	57.09600
ARCO_CLUSTER3 (9, 32)	0.000000	66.14400
ARCO_CLUSTER3 (9, 33)	0.000000	34.00800
ARCO_CLUSTER3 (9, 34)	1.000000	4.992000
ARCO_CLUSTER3 (9, 35)	0.000000	30.57600
ARCO_CLUSTER3 (9, 36)	0.000000	89.23200
ARCO_CLUSTER3 (9, 37)	0.000000	61.15200
ARCO_CLUSTER3 (9, 38)	0.000000	38.06400
ARCO_CLUSTER3 (9, 39)	0.000000	39.00000
ARCO_CLUSTER3 (9, 40)	0.000000	45.86400
ARCO_CLUSTER3 (9, 41)	0.000000	2.184000
ARCO_CLUSTER3 (10, 1)	0.000000	8.736000
ARCO_CLUSTER3 (10, 2)	0.000000	86.11200
ARCO_CLUSTER3 (10, 3)	0.000000	78.93600
ARCO_CLUSTER3 (10, 4)	0.000000	36.50400
ARCO_CLUSTER3 (10, 5)	0.000000	39.62400
ARCO_CLUSTER3 (10, 6)	0.000000	61.77600
ARCO_CLUSTER3 (10, 7)	0.000000	78.93600
ARCO_CLUSTER3 (10, 8)	0.000000	60.52800
ARCO_CLUSTER3 (10, 9)	0.000000	32.76000
ARCO_CLUSTER3 (10, 10)	0.000000	0.000000
ARCO_CLUSTER3 (10, 11)	0.000000	31.20000
ARCO_CLUSTER3 (10, 12)	0.000000	52.10400
ARCO_CLUSTER3 (10, 13)	0.000000	53.35200
ARCO_CLUSTER3 (10, 14)	0.000000	12.79200
ARCO_CLUSTER3 (10, 15)	0.000000	136.3440
ARCO_CLUSTER3 (10, 16)	0.000000	50.54400
ARCO_CLUSTER3 (10, 17)	0.000000	89.23200
ARCO_CLUSTER3 (10, 18)	0.000000	71.76000
ARCO_CLUSTER3 (10, 19)	0.000000	106.7040
ARCO_CLUSTER3 (10, 20)	0.000000	82.05600
ARCO_CLUSTER3 (10, 21)	0.000000	48.04800
ARCO_CLUSTER3 (10, 22)	0.000000	60.84000
ARCO_CLUSTER3 (10, 23)	0.000000	263.9520
ARCO_CLUSTER3 (10, 24)	0.000000	23.71200
ARCO_CLUSTER3 (10, 25)	0.000000	63.02400
ARCO_CLUSTER3 (10, 26)	0.000000	10.29600
ARCO_CLUSTER3 (10, 27)	0.000000	58.96800
ARCO_CLUSTER3 (10, 28)	0.000000	71.13600
ARCO_CLUSTER3 (10, 29)	0.000000	58.65600
ARCO_CLUSTER3 (10, 30)	0.000000	79.24800
ARCO_CLUSTER3 (10, 31)	0.000000	86.11200
ARCO_CLUSTER3 (10, 32)	0.000000	39.93600
ARCO_CLUSTER3 (10, 33)	0.000000	4.368000
ARCO_CLUSTER3 (10, 34)	0.000000	39.00000
ARCO_CLUSTER3 (10, 35)	0.000000	59.59200
ARCO_CLUSTER3 (10, 36)	0.000000	62.71200
ARCO_CLUSTER3 (10, 37)	0.000000	58.34400
ARCO_CLUSTER3 (10, 38)	1.000000	1.560000
ARCO_CLUSTER3 (10, 39)	0.000000	68.32800
ARCO_CLUSTER3 (10, 40)	0.000000	74.88000
ARCO_CLUSTER3 (10, 41)	0.000000	31.51200
ARCO_CLUSTER3 (11, 1)	0.000000	30.26400
ARCO_CLUSTER3 (11, 2)	0.000000	56.47200
ARCO_CLUSTER3 (11, 3)	0.000000	51.16800

ARCO_CLUSTER3 (11, 4)	0.000000	2.652000
ARCO_CLUSTER3 (11, 5)	0.000000	8.736000
ARCO_CLUSTER3 (11, 6)	0.000000	34.63200
ARCO_CLUSTER3 (11, 7)	0.000000	49.29600
ARCO_CLUSTER3 (11, 8)	0.000000	33.07200
ARCO_CLUSTER3 (11, 9)	0.000000	1.716000
ARCO_CLUSTER3 (11, 10)	0.000000	33.69600
ARCO_CLUSTER3 (11, 11)	0.000000	0.000000
ARCO_CLUSTER3 (11, 12)	0.000000	20.90400
ARCO_CLUSTER3 (11, 13)	0.000000	22.15200
ARCO_CLUSTER3 (11, 14)	0.000000	30.88800
ARCO_CLUSTER3 (11, 15)	0.000000	116.6880
ARCO_CLUSTER3 (11, 16)	0.000000	20.90400
ARCO_CLUSTER3 (11, 17)	0.000000	59.59200
ARCO_CLUSTER3 (11, 18)	0.000000	44.61600
ARCO_CLUSTER3 (11, 19)	0.000000	79.24800
ARCO_CLUSTER3 (11, 20)	0.000000	106.7040
ARCO_CLUSTER3 (11, 21)	0.000000	17.78400
ARCO_CLUSTER3 (11, 22)	0.000000	35.56800
ARCO_CLUSTER3 (11, 23)	0.000000	288.6000
ARCO_CLUSTER3 (11, 24)	0.000000	9.984000
ARCO_CLUSTER3 (11, 25)	0.000000	35.56800
ARCO_CLUSTER3 (11, 26)	0.000000	25.89600
ARCO_CLUSTER3 (11, 27)	0.000000	29.32800
ARCO_CLUSTER3 (11, 28)	0.000000	42.12000
ARCO_CLUSTER3 (11, 29)	0.000000	31.20000
ARCO_CLUSTER3 (11, 30)	0.000000	49.60800
ARCO_CLUSTER3 (11, 31)	0.000000	56.47200
ARCO_CLUSTER3 (11, 32)	0.000000	64.58400
ARCO_CLUSTER3 (11, 33)	0.000000	30.88800
ARCO_CLUSTER3 (11, 34)	0.000000	4.056000
ARCO_CLUSTER3 (11, 35)	0.000000	29.95200
ARCO_CLUSTER3 (11, 36)	0.000000	87.67200
ARCO_CLUSTER3 (11, 37)	0.000000	59.59200
ARCO_CLUSTER3 (11, 38)	0.000000	34.63200
ARCO_CLUSTER3 (11, 39)	0.000000	40.87200
ARCO_CLUSTER3 (11, 40)	0.000000	47.73600
ARCO_CLUSTER3 (11, 41)	1.000000	0.5616000
ARCO_CLUSTER3 (12, 1)	0.000000	52.10400
ARCO_CLUSTER3 (12, 2)	0.000000	38.68800
ARCO_CLUSTER3 (12, 3)	0.000000	30.57600
ARCO_CLUSTER3 (12, 4)	0.000000	18.40800
ARCO_CLUSTER3 (12, 5)	0.000000	13.41600
ARCO_CLUSTER3 (12, 6)	0.000000	12.16800
ARCO_CLUSTER3 (12, 7)	0.000000	36.81600
ARCO_CLUSTER3 (12, 8)	0.000000	10.60800
ARCO_CLUSTER3 (12, 9)	0.000000	26.20800
ARCO_CLUSTER3 (12, 10)	0.000000	51.48000
ARCO_CLUSTER3 (12, 11)	0.000000	25.58400
ARCO_CLUSTER3 (12, 12)	0.000000	0.000000
ARCO_CLUSTER3 (12, 13)	0.000000	1.872000
ARCO_CLUSTER3 (12, 14)	0.000000	48.67200
ARCO_CLUSTER3 (12, 15)	0.000000	88.29600
ARCO_CLUSTER3 (12, 16)	0.000000	7.176000
ARCO_CLUSTER3 (12, 17)	0.000000	37.44000
ARCO_CLUSTER3 (12, 18)	0.000000	23.71200
ARCO_CLUSTER3 (12, 19)	0.000000	58.65600
ARCO_CLUSTER3 (12, 20)	0.000000	136.6560
ARCO_CLUSTER3 (12, 21)	1.000000	3.744000
ARCO_CLUSTER3 (12, 22)	0.000000	8.736000
ARCO_CLUSTER3 (12, 23)	0.000000	318.2400
ARCO_CLUSTER3 (12, 24)	0.000000	34.63200
ARCO_CLUSTER3 (12, 25)	0.000000	12.16800
ARCO_CLUSTER3 (12, 26)	0.000000	43.68000
ARCO_CLUSTER3 (12, 27)	0.000000	18.09600
ARCO_CLUSTER3 (12, 28)	0.000000	20.28000
ARCO_CLUSTER3 (12, 29)	0.000000	8.424000
ARCO_CLUSTER3 (12, 30)	0.000000	36.81600
ARCO_CLUSTER3 (12, 31)	0.000000	43.99200
ARCO_CLUSTER3 (12, 32)	0.000000	94.84800
ARCO_CLUSTER3 (12, 33)	0.000000	48.67200

ARCO_CLUSTER3 (12, 34)	0.000000	20.28000
ARCO_CLUSTER3 (12, 35)	0.000000	17.78400
ARCO_CLUSTER3 (12, 36)	0.000000	117.6240
ARCO_CLUSTER3 (12, 37)	0.000000	113.5680
ARCO_CLUSTER3 (12, 38)	0.000000	52.41600
ARCO_CLUSTER3 (12, 39)	0.000000	19.96800
ARCO_CLUSTER3 (12, 40)	0.000000	26.83200
ARCO_CLUSTER3 (12, 41)	0.000000	26.20800
ARCO_CLUSTER3 (13, 1)	0.000000	56.16000
ARCO_CLUSTER3 (13, 2)	0.000000	40.56000
ARCO_CLUSTER3 (13, 3)	0.000000	32.44800
ARCO_CLUSTER3 (13, 4)	0.000000	19.96800
ARCO_CLUSTER3 (13, 5)	0.000000	14.97600
ARCO_CLUSTER3 (13, 6)	0.000000	14.04000
ARCO_CLUSTER3 (13, 7)	0.000000	36.19200
ARCO_CLUSTER3 (13, 8)	0.000000	12.48000
ARCO_CLUSTER3 (13, 9)	0.000000	24.33600
ARCO_CLUSTER3 (13, 10)	0.000000	53.04000
ARCO_CLUSTER3 (13, 11)	0.000000	24.02400
ARCO_CLUSTER3 (13, 12)	1.000000	1.872000
ARCO_CLUSTER3 (13, 13)	0.000000	0.000000
ARCO_CLUSTER3 (13, 14)	0.000000	50.23200
ARCO_CLUSTER3 (13, 15)	0.000000	90.16800
ARCO_CLUSTER3 (13, 16)	0.000000	7.176000
ARCO_CLUSTER3 (13, 17)	0.000000	39.31200
ARCO_CLUSTER3 (13, 18)	0.000000	25.58400
ARCO_CLUSTER3 (13, 19)	0.000000	60.52800
ARCO_CLUSTER3 (13, 20)	0.000000	138.2160
ARCO_CLUSTER3 (13, 21)	0.000000	5.304000
ARCO_CLUSTER3 (13, 22)	0.000000	7.488000
ARCO_CLUSTER3 (13, 23)	0.000000	321.3600
ARCO_CLUSTER3 (13, 24)	0.000000	36.19200
ARCO_CLUSTER3 (13, 25)	0.000000	14.04000
ARCO_CLUSTER3 (13, 26)	0.000000	45.24000
ARCO_CLUSTER3 (13, 27)	0.000000	17.47200
ARCO_CLUSTER3 (13, 28)	0.000000	22.15200
ARCO_CLUSTER3 (13, 29)	0.000000	8.424000
ARCO_CLUSTER3 (13, 30)	0.000000	36.19200
ARCO_CLUSTER3 (13, 31)	0.000000	43.05600
ARCO_CLUSTER3 (13, 32)	0.000000	96.40800
ARCO_CLUSTER3 (13, 33)	0.000000	50.23200
ARCO_CLUSTER3 (13, 34)	0.000000	21.84000
ARCO_CLUSTER3 (13, 35)	0.000000	16.53600
ARCO_CLUSTER3 (13, 36)	0.000000	119.1840
ARCO_CLUSTER3 (13, 37)	0.000000	115.1280
ARCO_CLUSTER3 (13, 38)	0.000000	53.97600
ARCO_CLUSTER3 (13, 39)	0.000000	21.84000
ARCO_CLUSTER3 (13, 40)	0.000000	28.70400
ARCO_CLUSTER3 (13, 41)	0.000000	27.76800
ARCO_CLUSTER3 (14, 1)	0.000000	13.72800
ARCO_CLUSTER3 (14, 2)	0.000000	75.81600
ARCO_CLUSTER3 (14, 3)	0.000000	68.64000
ARCO_CLUSTER3 (14, 4)	0.000000	26.20800
ARCO_CLUSTER3 (14, 5)	0.000000	29.32800
ARCO_CLUSTER3 (14, 6)	0.000000	51.48000
ARCO_CLUSTER3 (14, 7)	0.000000	68.64000
ARCO_CLUSTER3 (14, 8)	0.000000	50.54400
ARCO_CLUSTER3 (14, 9)	0.000000	22.46400
ARCO_CLUSTER3 (14, 10)	0.000000	16.84800
ARCO_CLUSTER3 (14, 11)	0.000000	20.90400
ARCO_CLUSTER3 (14, 12)	0.000000	41.80800
ARCO_CLUSTER3 (14, 13)	0.000000	43.36800
ARCO_CLUSTER3 (14, 14)	0.000000	0.000000
ARCO_CLUSTER3 (14, 15)	0.000000	125.7360
ARCO_CLUSTER3 (14, 16)	0.000000	40.56000
ARCO_CLUSTER3 (14, 17)	0.000000	77.68800
ARCO_CLUSTER3 (14, 18)	0.000000	61.46400
ARCO_CLUSTER3 (14, 19)	0.000000	96.40800
ARCO_CLUSTER3 (14, 20)	0.000000	90.79200
ARCO_CLUSTER3 (14, 21)	0.000000	37.44000

ARCO_CLUSTER3 (14, 22)	0.000000	50.54400
ARCO_CLUSTER3 (14, 23)	0.000000	272.6880
ARCO_CLUSTER3 (14, 24)	0.000000	13.72800
ARCO_CLUSTER3 (14, 25)	0.000000	52.72800
ARCO_CLUSTER3 (14, 26)	1.000000	9.984000
ARCO_CLUSTER3 (14, 27)	0.000000	48.67200
ARCO_CLUSTER3 (14, 28)	0.000000	60.52800
ARCO_CLUSTER3 (14, 29)	0.000000	48.04800
ARCO_CLUSTER3 (14, 30)	0.000000	68.95200
ARCO_CLUSTER3 (14, 31)	0.000000	75.81600
ARCO_CLUSTER3 (14, 32)	0.000000	48.67200
ARCO_CLUSTER3 (14, 33)	0.000000	14.04000
ARCO_CLUSTER3 (14, 34)	0.000000	28.70400
ARCO_CLUSTER3 (14, 35)	0.000000	49.29600
ARCO_CLUSTER3 (14, 36)	0.000000	71.76000
ARCO_CLUSTER3 (14, 37)	0.000000	67.70400
ARCO_CLUSTER3 (14, 38)	0.000000	17.78400
ARCO_CLUSTER3 (14, 39)	0.000000	57.72000
ARCO_CLUSTER3 (14, 40)	0.000000	64.58400
ARCO_CLUSTER3 (14, 41)	0.000000	21.52800
ARCO_CLUSTER3 (15, 1)	0.000000	137.5920
ARCO_CLUSTER3 (15, 2)	0.000000	70.82400
ARCO_CLUSTER3 (15, 3)	0.000000	70.20000
ARCO_CLUSTER3 (15, 4)	0.000000	113.5680
ARCO_CLUSTER3 (15, 5)	0.000000	107.0160
ARCO_CLUSTER3 (15, 6)	0.000000	81.43200
ARCO_CLUSTER3 (15, 7)	0.000000	90.48000
ARCO_CLUSTER3 (15, 8)	0.000000	84.24000
ARCO_CLUSTER3 (15, 9)	0.000000	116.6880
ARCO_CLUSTER3 (15, 10)	0.000000	141.3360
ARCO_CLUSTER3 (15, 11)	0.000000	117.3120
ARCO_CLUSTER3 (15, 12)	0.000000	90.79200
ARCO_CLUSTER3 (15, 13)	0.000000	92.35200
ARCO_CLUSTER3 (15, 14)	0.000000	134.7840
ARCO_CLUSTER3 (15, 15)	0.000000	0.000000
ARCO_CLUSTER3 (15, 16)	0.000000	97.34400
ARCO_CLUSTER3 (15, 17)	0.000000	61.15200
ARCO_CLUSTER3 (15, 18)	0.000000	67.08000
ARCO_CLUSTER3 (15, 19)	0.000000	35.88000
ARCO_CLUSTER3 (15, 20)	0.000000	242.7360
ARCO_CLUSTER3 (15, 21)	0.000000	93.60000
ARCO_CLUSTER3 (15, 22)	0.000000	88.92000
ARCO_CLUSTER3 (15, 23)	0.000000	424.3200
ARCO_CLUSTER3 (15, 24)	0.000000	123.5520
ARCO_CLUSTER3 (15, 25)	0.000000	79.56000
ARCO_CLUSTER3 (15, 26)	0.000000	129.7920
ARCO_CLUSTER3 (15, 27)	0.000000	87.98400
ARCO_CLUSTER3 (15, 28)	0.000000	73.63200
ARCO_CLUSTER3 (15, 29)	0.000000	88.92000
ARCO_CLUSTER3 (15, 30)	0.000000	83.61600
ARCO_CLUSTER3 (15, 31)	0.000000	72.38400
ARCO_CLUSTER3 (15, 32)	0.000000	200.6160
ARCO_CLUSTER3 (15, 33)	0.000000	134.7840
ARCO_CLUSTER3 (15, 34)	0.000000	112.0080
ARCO_CLUSTER3 (15, 35)	0.000000	87.67200
ARCO_CLUSTER3 (15, 36)	0.000000	223.3920
ARCO_CLUSTER3 (15, 37)	0.000000	219.3360
ARCO_CLUSTER3 (15, 38)	0.000000	138.5280
ARCO_CLUSTER3 (15, 39)	0.000000	69.57600
ARCO_CLUSTER3 (15, 40)	1.000000	67.08000
ARCO_CLUSTER3 (15, 41)	0.000000	113.5680
ARCO_CLUSTER3 (16, 1)	0.000000	45.55200
ARCO_CLUSTER3 (16, 2)	0.000000	44.92800
ARCO_CLUSTER3 (16, 3)	0.000000	36.81600
ARCO_CLUSTER3 (16, 4)	0.000000	14.66400
ARCO_CLUSTER3 (16, 5)	1.000000	10.92000
ARCO_CLUSTER3 (16, 6)	0.000000	18.09600
ARCO_CLUSTER3 (16, 7)	0.000000	38.37600
ARCO_CLUSTER3 (16, 8)	0.000000	16.84800
ARCO_CLUSTER3 (16, 9)	0.000000	20.59200
ARCO_CLUSTER3 (16, 10)	0.000000	51.16800

ARCO_CLUSTER3 (16, 11)	0.000000	19.96800
ARCO_CLUSTER3 (16, 12)	0.000000	6.864000
ARCO_CLUSTER3 (16, 13)	0.000000	8.112000
ARCO_CLUSTER3 (16, 14)	0.000000	48.67200
ARCO_CLUSTER3 (16, 15)	0.000000	94.53600
ARCO_CLUSTER3 (16, 16)	0.000000	0.000000
ARCO_CLUSTER3 (16, 17)	0.000000	43.68000
ARCO_CLUSTER3 (16, 18)	0.000000	29.95200
ARCO_CLUSTER3 (16, 19)	0.000000	64.89600
ARCO_CLUSTER3 (16, 20)	0.000000	131.0400
ARCO_CLUSTER3 (16, 21)	0.000000	8.424000
ARCO_CLUSTER3 (16, 22)	0.000000	10.92000
ARCO_CLUSTER3 (16, 23)	0.000000	312.0000
ARCO_CLUSTER3 (16, 24)	0.000000	29.01600
ARCO_CLUSTER3 (16, 25)	0.000000	18.72000
ARCO_CLUSTER3 (16, 26)	0.000000	43.68000
ARCO_CLUSTER3 (16, 27)	0.000000	17.47200
ARCO_CLUSTER3 (16, 28)	0.000000	26.52000
ARCO_CLUSTER3 (16, 29)	0.000000	14.66400
ARCO_CLUSTER3 (16, 30)	0.000000	37.12800
ARCO_CLUSTER3 (16, 31)	0.000000	43.99200
ARCO_CLUSTER3 (16, 32)	0.000000	89.23200
ARCO_CLUSTER3 (16, 33)	0.000000	48.36000
ARCO_CLUSTER3 (16, 34)	0.000000	19.03200
ARCO_CLUSTER3 (16, 35)	0.000000	17.47200
ARCO_CLUSTER3 (16, 36)	0.000000	112.0080
ARCO_CLUSTER3 (16, 37)	0.000000	107.9520
ARCO_CLUSTER3 (16, 38)	0.000000	52.41600
ARCO_CLUSTER3 (16, 39)	0.000000	26.20800
ARCO_CLUSTER3 (16, 40)	0.000000	33.07200
ARCO_CLUSTER3 (16, 41)	0.000000	20.59200
ARCO_CLUSTER3 (17, 1)	0.000000	107.9520
ARCO_CLUSTER3 (17, 2)	0.000000	6.552000
ARCO_CLUSTER3 (17, 3)	0.000000	24.02400
ARCO_CLUSTER3 (17, 4)	0.000000	61.15200
ARCO_CLUSTER3 (17, 5)	0.000000	56.16000
ARCO_CLUSTER3 (17, 6)	0.000000	30.88800
ARCO_CLUSTER3 (17, 7)	0.000000	17.47200
ARCO_CLUSTER3 (17, 8)	0.000000	31.82400
ARCO_CLUSTER3 (17, 9)	0.000000	60.21600
ARCO_CLUSTER3 (17, 10)	0.000000	130.4160
ARCO_CLUSTER3 (17, 11)	0.000000	59.59200
ARCO_CLUSTER3 (17, 12)	0.000000	41.80800
ARCO_CLUSTER3 (17, 13)	0.000000	43.68000
ARCO_CLUSTER3 (17, 14)	0.000000	85.48800
ARCO_CLUSTER3 (17, 15)	0.000000	58.65600
ARCO_CLUSTER3 (17, 16)	0.000000	48.36000
ARCO_CLUSTER3 (17, 17)	0.000000	0.000000
ARCO_CLUSTER3 (17, 18)	0.000000	20.28000
ARCO_CLUSTER3 (17, 19)	1.000000	29.01600
ARCO_CLUSTER3 (17, 20)	0.000000	180.3360
ARCO_CLUSTER3 (17, 21)	0.000000	44.92800
ARCO_CLUSTER3 (17, 22)	0.000000	39.93600
ARCO_CLUSTER3 (17, 23)	0.000000	361.9200
ARCO_CLUSTER3 (17, 24)	0.000000	72.07200
ARCO_CLUSTER3 (17, 25)	0.000000	30.26400
ARCO_CLUSTER3 (17, 26)	0.000000	80.49600
ARCO_CLUSTER3 (17, 27)	0.000000	34.32000
ARCO_CLUSTER3 (17, 28)	0.000000	19.34400
ARCO_CLUSTER3 (17, 29)	0.000000	33.07200
ARCO_CLUSTER3 (17, 30)	0.000000	21.21600
ARCO_CLUSTER3 (17, 31)	0.000000	19.65600
ARCO_CLUSTER3 (17, 32)	0.000000	138.2160
ARCO_CLUSTER3 (17, 33)	0.000000	85.17600
ARCO_CLUSTER3 (17, 34)	0.000000	62.40000
ARCO_CLUSTER3 (17, 35)	0.000000	32.76000
ARCO_CLUSTER3 (17, 36)	0.000000	160.9920
ARCO_CLUSTER3 (17, 37)	0.000000	156.9360
ARCO_CLUSTER3 (17, 38)	0.000000	89.23200
ARCO_CLUSTER3 (17, 39)	0.000000	22.77600
ARCO_CLUSTER3 (17, 40)	0.000000	29.95200

ARCO_CLUSTER3 (17, 41)	0.000000	63.64800
ARCO_CLUSTER3 (18, 1)	0.000000	67.08000
ARCO_CLUSTER3 (18, 2)	0.000000	25.58400
ARCO_CLUSTER3 (18, 3)	0.000000	10.92000
ARCO_CLUSTER3 (18, 4)	0.000000	42.74400
ARCO_CLUSTER3 (18, 5)	0.000000	36.81600
ARCO_CLUSTER3 (18, 6)	0.000000	13.10400
ARCO_CLUSTER3 (18, 7)	0.000000	28.70400
ARCO_CLUSTER3 (18, 8)	0.000000	14.04000
ARCO_CLUSTER3 (18, 9)	0.000000	49.60800
ARCO_CLUSTER3 (18, 10)	0.000000	70.51200
ARCO_CLUSTER3 (18, 11)	0.000000	48.98400
ARCO_CLUSTER3 (18, 12)	0.000000	24.33600
ARCO_CLUSTER3 (18, 13)	0.000000	25.89600
ARCO_CLUSTER3 (18, 14)	0.000000	67.70400
ARCO_CLUSTER3 (18, 15)	0.000000	66.14400
ARCO_CLUSTER3 (18, 16)	0.000000	30.57600
ARCO_CLUSTER3 (18, 17)	0.000000	19.34400
ARCO_CLUSTER3 (18, 18)	0.000000	0.000000
ARCO_CLUSTER3 (18, 19)	0.000000	36.81600
ARCO_CLUSTER3 (18, 20)	0.000000	160.9920
ARCO_CLUSTER3 (18, 21)	0.000000	27.14400
ARCO_CLUSTER3 (18, 22)	0.000000	28.08000
ARCO_CLUSTER3 (18, 23)	0.000000	343.2000
ARCO_CLUSTER3 (18, 24)	0.000000	58.34400
ARCO_CLUSTER3 (18, 25)	0.000000	12.48000
ARCO_CLUSTER3 (18, 26)	0.000000	62.71200
ARCO_CLUSTER3 (18, 27)	0.000000	21.21600
ARCO_CLUSTER3 (18, 28)	0.000000	6.864000
ARCO_CLUSTER3 (18, 29)	0.000000	21.84000
ARCO_CLUSTER3 (18, 30)	0.000000	29.01600
ARCO_CLUSTER3 (18, 31)	0.000000	35.25600
ARCO_CLUSTER3 (18, 32)	0.000000	118.8720
ARCO_CLUSTER3 (18, 33)	0.000000	67.70400
ARCO_CLUSTER3 (18, 34)	0.000000	44.92800
ARCO_CLUSTER3 (18, 35)	0.000000	20.90400
ARCO_CLUSTER3 (18, 36)	0.000000	141.6480
ARCO_CLUSTER3 (18, 37)	0.000000	137.9040
ARCO_CLUSTER3 (18, 38)	0.000000	71.44800
ARCO_CLUSTER3 (18, 39)	1.000000	4.992000
ARCO_CLUSTER3 (18, 40)	0.000000	12.16800
ARCO_CLUSTER3 (18, 41)	0.000000	49.60800
ARCO_CLUSTER3 (19, 1)	0.000000	112.9440
ARCO_CLUSTER3 (19, 2)	0.000000	45.55200
ARCO_CLUSTER3 (19, 3)	0.000000	45.24000
ARCO_CLUSTER3 (19, 4)	0.000000	88.60800
ARCO_CLUSTER3 (19, 5)	0.000000	82.05600
ARCO_CLUSTER3 (19, 6)	0.000000	56.16000
ARCO_CLUSTER3 (19, 7)	0.000000	62.08800
ARCO_CLUSTER3 (19, 8)	0.000000	59.28000
ARCO_CLUSTER3 (19, 9)	0.000000	91.72800
ARCO_CLUSTER3 (19, 10)	0.000000	116.3760
ARCO_CLUSTER3 (19, 11)	0.000000	92.35200
ARCO_CLUSTER3 (19, 12)	0.000000	69.57600
ARCO_CLUSTER3 (19, 13)	0.000000	71.13600
ARCO_CLUSTER3 (19, 14)	0.000000	113.5680
ARCO_CLUSTER3 (19, 15)	1.000000	29.64000
ARCO_CLUSTER3 (19, 16)	0.000000	75.81600
ARCO_CLUSTER3 (19, 17)	0.000000	39.93600
ARCO_CLUSTER3 (19, 18)	0.000000	45.86400
ARCO_CLUSTER3 (19, 19)	0.000000	0.000000
ARCO_CLUSTER3 (19, 20)	0.000000	221.5200
ARCO_CLUSTER3 (19, 21)	0.000000	72.38400
ARCO_CLUSTER3 (19, 22)	0.000000	67.70400
ARCO_CLUSTER3 (19, 23)	0.000000	402.4800
ARCO_CLUSTER3 (19, 24)	0.000000	102.0240
ARCO_CLUSTER3 (19, 25)	0.000000	58.03200
ARCO_CLUSTER3 (19, 26)	0.000000	108.5760
ARCO_CLUSTER3 (19, 27)	0.000000	66.76800
ARCO_CLUSTER3 (19, 28)	0.000000	52.41600
ARCO_CLUSTER3 (19, 29)	0.000000	67.39200

ARCO_CLUSTER3 (19, 30)	0.000000	62.40000
ARCO_CLUSTER3 (19, 31)	0.000000	51.16800
ARCO_CLUSTER3 (19, 32)	0.000000	179.4000
ARCO_CLUSTER3 (19, 33)	0.000000	113.2560
ARCO_CLUSTER3 (19, 34)	0.000000	90.48000
ARCO_CLUSTER3 (19, 35)	0.000000	66.14400
ARCO_CLUSTER3 (19, 36)	0.000000	202.1760
ARCO_CLUSTER3 (19, 37)	0.000000	198.1200
ARCO_CLUSTER3 (19, 38)	0.000000	117.3120
ARCO_CLUSTER3 (19, 39)	0.000000	48.36000
ARCO_CLUSTER3 (19, 40)	0.000000	45.86400
ARCO_CLUSTER3 (19, 41)	0.000000	92.04000
ARCO_CLUSTER3 (20, 1)	0.000000	84.24000
ARCO_CLUSTER3 (20, 2)	0.000000	175.9680
ARCO_CLUSTER3 (20, 3)	0.000000	154.7520
ARCO_CLUSTER3 (20, 4)	0.000000	112.3200
ARCO_CLUSTER3 (20, 5)	0.000000	129.4800
ARCO_CLUSTER3 (20, 6)	0.000000	153.5040
ARCO_CLUSTER3 (20, 7)	0.000000	172.5360
ARCO_CLUSTER3 (20, 8)	0.000000	150.6960
ARCO_CLUSTER3 (20, 9)	0.000000	114.8160
ARCO_CLUSTER3 (20, 10)	0.000000	82.68000
ARCO_CLUSTER3 (20, 11)	0.000000	113.2560
ARCO_CLUSTER3 (20, 12)	0.000000	140.7120
ARCO_CLUSTER3 (20, 13)	0.000000	141.9600
ARCO_CLUSTER3 (20, 14)	0.000000	87.04800
ARCO_CLUSTER3 (20, 15)	0.000000	234.6240
ARCO_CLUSTER3 (20, 16)	0.000000	135.0960
ARCO_CLUSTER3 (20, 17)	0.000000	177.8400
ARCO_CLUSTER3 (20, 18)	0.000000	146.0160
ARCO_CLUSTER3 (20, 19)	0.000000	205.2960
ARCO_CLUSTER3 (20, 20)	0.000000	0.000000
ARCO_CLUSTER3 (20, 21)	0.000000	122.3040
ARCO_CLUSTER3 (20, 22)	0.000000	144.4560
ARCO_CLUSTER3 (20, 23)	1.000000	203.1120
ARCO_CLUSTER3 (20, 24)	0.000000	98.28000
ARCO_CLUSTER3 (20, 25)	0.000000	152.5680
ARCO_CLUSTER3 (20, 26)	0.000000	84.86400
ARCO_CLUSTER3 (20, 27)	0.000000	144.1440
ARCO_CLUSTER3 (20, 28)	0.000000	156.9360
ARCO_CLUSTER3 (20, 29)	0.000000	148.5120
ARCO_CLUSTER3 (20, 30)	0.000000	171.2880
ARCO_CLUSTER3 (20, 31)	0.000000	46.80000
ARCO_CLUSTER3 (20, 32)	0.000000	95.78400
ARCO_CLUSTER3 (20, 33)	0.000000	83.30400
ARCO_CLUSTER3 (20, 34)	0.000000	114.1920
ARCO_CLUSTER3 (20, 35)	0.000000	144.4560
ARCO_CLUSTER3 (20, 36)	0.000000	28.39200
ARCO_CLUSTER3 (20, 37)	0.000000	57.40800
ARCO_CLUSTER3 (20, 38)	0.000000	83.61600
ARCO_CLUSTER3 (20, 39)	0.000000	142.2720
ARCO_CLUSTER3 (20, 40)	0.000000	149.1360
ARCO_CLUSTER3 (20, 41)	0.000000	110.4480
ARCO_CLUSTER3 (21, 1)	0.000000	45.24000
ARCO_CLUSTER3 (21, 2)	0.000000	41.49600
ARCO_CLUSTER3 (21, 3)	0.000000	33.07200
ARCO_CLUSTER3 (21, 4)	0.000000	15.60000
ARCO_CLUSTER3 (21, 5)	0.000000	12.79200
ARCO_CLUSTER3 (21, 6)	0.000000	14.66400
ARCO_CLUSTER3 (21, 7)	0.000000	39.93600
ARCO_CLUSTER3 (21, 8)	0.000000	13.41600
ARCO_CLUSTER3 (21, 9)	0.000000	17.47200
ARCO_CLUSTER3 (21, 10)	0.000000	48.36000
ARCO_CLUSTER3 (21, 11)	0.000000	18.09600
ARCO_CLUSTER3 (21, 12)	0.000000	3.432000
ARCO_CLUSTER3 (21, 13)	0.000000	4.680000
ARCO_CLUSTER3 (21, 14)	0.000000	45.86400
ARCO_CLUSTER3 (21, 15)	0.000000	91.10400
ARCO_CLUSTER3 (21, 16)	1.000000	8.112000
ARCO_CLUSTER3 (21, 17)	0.000000	40.24800
ARCO_CLUSTER3 (21, 18)	0.000000	26.52000

ARCO_CLUSTER3 (21, 19)	0.000000	61.46400
ARCO_CLUSTER3 (21, 20)	0.000000	137.9040
ARCO_CLUSTER3 (21, 21)	0.000000	0.000000
ARCO_CLUSTER3 (21, 22)	0.000000	11.85600
ARCO_CLUSTER3 (21, 23)	0.000000	318.2400
ARCO_CLUSTER3 (21, 24)	0.000000	25.27200
ARCO_CLUSTER3 (21, 25)	0.000000	14.97600
ARCO_CLUSTER3 (21, 26)	0.000000	40.56000
ARCO_CLUSTER3 (21, 27)	0.000000	21.21600
ARCO_CLUSTER3 (21, 28)	0.000000	23.08800
ARCO_CLUSTER3 (21, 29)	0.000000	10.92000
ARCO_CLUSTER3 (21, 30)	0.000000	39.93600
ARCO_CLUSTER3 (21, 31)	0.000000	35.88000
ARCO_CLUSTER3 (21, 32)	0.000000	100.1520
ARCO_CLUSTER3 (21, 33)	0.000000	45.55200
ARCO_CLUSTER3 (21, 34)	0.000000	17.47200
ARCO_CLUSTER3 (21, 35)	0.000000	20.28000
ARCO_CLUSTER3 (21, 36)	0.000000	118.5600
ARCO_CLUSTER3 (21, 37)	0.000000	114.5040
ARCO_CLUSTER3 (21, 38)	0.000000	49.29600
ARCO_CLUSTER3 (21, 39)	0.000000	22.77600
ARCO_CLUSTER3 (21, 40)	0.000000	29.32800
ARCO_CLUSTER3 (21, 41)	0.000000	18.09600
ARCO_CLUSTER3 (22, 1)	0.000000	55.22400
ARCO_CLUSTER3 (22, 2)	0.000000	35.88000
ARCO_CLUSTER3 (22, 3)	0.000000	35.25600
ARCO_CLUSTER3 (22, 4)	0.000000	31.82400
ARCO_CLUSTER3 (22, 5)	0.000000	19.65600
ARCO_CLUSTER3 (22, 6)	0.000000	16.53600
ARCO_CLUSTER3 (22, 7)	0.000000	28.70400
ARCO_CLUSTER3 (22, 8)	0.000000	15.28800
ARCO_CLUSTER3 (22, 9)	0.000000	30.88800
ARCO_CLUSTER3 (22, 10)	0.000000	61.77600
ARCO_CLUSTER3 (22, 11)	0.000000	30.57600
ARCO_CLUSTER3 (22, 12)	0.000000	8.736000
ARCO_CLUSTER3 (22, 13)	1.000000	8.424000
ARCO_CLUSTER3 (22, 14)	0.000000	58.96800
ARCO_CLUSTER3 (22, 15)	0.000000	92.97600
ARCO_CLUSTER3 (22, 16)	0.000000	13.10400
ARCO_CLUSTER3 (22, 17)	0.000000	35.88000
ARCO_CLUSTER3 (22, 18)	0.000000	22.15200
ARCO_CLUSTER3 (22, 19)	0.000000	63.33600
ARCO_CLUSTER3 (22, 20)	0.000000	142.2720
ARCO_CLUSTER3 (22, 21)	0.000000	12.48000
ARCO_CLUSTER3 (22, 22)	0.000000	0.000000
ARCO_CLUSTER3 (22, 23)	0.000000	324.4800
ARCO_CLUSTER3 (22, 24)	0.000000	39.62400
ARCO_CLUSTER3 (22, 25)	0.000000	16.84800
ARCO_CLUSTER3 (22, 26)	0.000000	53.97600
ARCO_CLUSTER3 (22, 27)	0.000000	9.984000
ARCO_CLUSTER3 (22, 28)	0.000000	18.72000
ARCO_CLUSTER3 (22, 29)	0.000000	7.800000
ARCO_CLUSTER3 (22, 30)	0.000000	29.01600
ARCO_CLUSTER3 (22, 31)	0.000000	28.08000
ARCO_CLUSTER3 (22, 32)	0.000000	100.1520
ARCO_CLUSTER3 (22, 33)	0.000000	58.96800
ARCO_CLUSTER3 (22, 34)	0.000000	35.88000
ARCO_CLUSTER3 (22, 35)	0.000000	9.360000
ARCO_CLUSTER3 (22, 36)	0.000000	123.2400
ARCO_CLUSTER3 (22, 37)	0.000000	119.1840
ARCO_CLUSTER3 (22, 38)	0.000000	62.71200
ARCO_CLUSTER3 (22, 39)	0.000000	24.64800
ARCO_CLUSTER3 (22, 40)	0.000000	31.20000
ARCO_CLUSTER3 (22, 41)	0.000000	30.88800
ARCO_CLUSTER3 (23, 1)	0.000000	263.3280
ARCO_CLUSTER3 (23, 2)	0.000000	355.6800
ARCO_CLUSTER3 (23, 3)	0.000000	333.8400
ARCO_CLUSTER3 (23, 4)	0.000000	291.0960
ARCO_CLUSTER3 (23, 5)	0.000000	308.2560
ARCO_CLUSTER3 (23, 6)	0.000000	333.8400
ARCO_CLUSTER3 (23, 7)	0.000000	352.5600

ARCO_CLUSTER3 (23, 8)	0.000000	330.7200
ARCO_CLUSTER3 (23, 9)	0.000000	295.1520
ARCO_CLUSTER3 (23, 10)	0.000000	262.7040
ARCO_CLUSTER3 (23, 11)	0.000000	293.2800
ARCO_CLUSTER3 (23, 12)	0.000000	321.3600
ARCO_CLUSTER3 (23, 13)	0.000000	321.3600
ARCO_CLUSTER3 (23, 14)	0.000000	267.3840
ARCO_CLUSTER3 (23, 15)	0.000000	414.9600
ARCO_CLUSTER3 (23, 16)	0.000000	315.1200
ARCO_CLUSTER3 (23, 17)	0.000000	358.8000
ARCO_CLUSTER3 (23, 18)	0.000000	327.6000
ARCO_CLUSTER3 (23, 19)	0.000000	386.8800
ARCO_CLUSTER3 (23, 20)	0.000000	200.6160
ARCO_CLUSTER3 (23, 21)	0.000000	302.3280
ARCO_CLUSTER3 (23, 22)	0.000000	324.4800
ARCO_CLUSTER3 (23, 23)	0.000000	0.000000
ARCO_CLUSTER3 (23, 24)	0.000000	278.3040
ARCO_CLUSTER3 (23, 25)	0.000000	333.8400
ARCO_CLUSTER3 (23, 26)	0.000000	265.2000
ARCO_CLUSTER3 (23, 27)	0.000000	324.4800
ARCO_CLUSTER3 (23, 28)	0.000000	336.9600
ARCO_CLUSTER3 (23, 29)	0.000000	327.6000
ARCO_CLUSTER3 (23, 30)	0.000000	352.5600
ARCO_CLUSTER3 (23, 31)	1.000000	65.20800
ARCO_CLUSTER3 (23, 32)	0.000000	53.66400
ARCO_CLUSTER3 (23, 33)	0.000000	263.6400
ARCO_CLUSTER3 (23, 34)	0.000000	294.2160
ARCO_CLUSTER3 (23, 35)	0.000000	324.4800
ARCO_CLUSTER3 (23, 36)	0.000000	208.7280
ARCO_CLUSTER3 (23, 37)	0.000000	237.7440
ARCO_CLUSTER3 (23, 38)	0.000000	263.9520
ARCO_CLUSTER3 (23, 39)	0.000000	321.3600
ARCO_CLUSTER3 (23, 40)	0.000000	330.7200
ARCO_CLUSTER3 (23, 41)	0.000000	290.4720
ARCO_CLUSTER3 (24, 1)	0.000000	18.72000
ARCO_CLUSTER3 (24, 2)	0.000000	65.20800
ARCO_CLUSTER3 (24, 3)	0.000000	59.59200
ARCO_CLUSTER3 (24, 4)	0.000000	10.92000
ARCO_CLUSTER3 (24, 5)	0.000000	18.72000
ARCO_CLUSTER3 (24, 6)	0.000000	42.43200
ARCO_CLUSTER3 (24, 7)	0.000000	58.03200
ARCO_CLUSTER3 (24, 8)	0.000000	41.49600
ARCO_CLUSTER3 (24, 9)	0.000000	9.672000
ARCO_CLUSTER3 (24, 10)	0.000000	21.52800
ARCO_CLUSTER3 (24, 11)	0.000000	9.048000
ARCO_CLUSTER3 (24, 12)	0.000000	35.56800
ARCO_CLUSTER3 (24, 13)	0.000000	28.70400
ARCO_CLUSTER3 (24, 14)	1.000000	17.47200
ARCO_CLUSTER3 (24, 15)	0.000000	116.6880
ARCO_CLUSTER3 (24, 16)	0.000000	29.64000
ARCO_CLUSTER3 (24, 17)	0.000000	68.32800
ARCO_CLUSTER3 (24, 18)	0.000000	52.41600
ARCO_CLUSTER3 (24, 19)	0.000000	87.36000
ARCO_CLUSTER3 (24, 20)	0.000000	95.47200
ARCO_CLUSTER3 (24, 21)	0.000000	28.39200
ARCO_CLUSTER3 (24, 22)	0.000000	44.30400
ARCO_CLUSTER3 (24, 23)	0.000000	277.3680
ARCO_CLUSTER3 (24, 24)	0.000000	0.000000
ARCO_CLUSTER3 (24, 25)	0.000000	43.68000
ARCO_CLUSTER3 (24, 26)	0.000000	14.66400
ARCO_CLUSTER3 (24, 27)	0.000000	38.06400
ARCO_CLUSTER3 (24, 28)	0.000000	51.48000
ARCO_CLUSTER3 (24, 29)	0.000000	39.00000
ARCO_CLUSTER3 (24, 30)	0.000000	58.34400
ARCO_CLUSTER3 (24, 31)	0.000000	43.05600
ARCO_CLUSTER3 (24, 32)	0.000000	107.0160
ARCO_CLUSTER3 (24, 33)	0.000000	18.72000
ARCO_CLUSTER3 (24, 34)	0.000000	11.23200
ARCO_CLUSTER3 (24, 35)	0.000000	38.68800
ARCO_CLUSTER3 (24, 36)	0.000000	76.44000
ARCO_CLUSTER3 (24, 37)	0.000000	72.38400

ARCO_CLUSTER3 (24, 38)	0.000000	22.77600
ARCO_CLUSTER3 (24, 39)	0.000000	48.67200
ARCO_CLUSTER3 (24, 40)	0.000000	55.53600
ARCO_CLUSTER3 (24, 41)	0.000000	9.672000
ARCO_CLUSTER3 (25, 1)	0.000000	58.03200
ARCO_CLUSTER3 (25, 2)	0.000000	35.25600
ARCO_CLUSTER3 (25, 3)	0.000000	18.40800
ARCO_CLUSTER3 (25, 4)	0.000000	33.69600
ARCO_CLUSTER3 (25, 5)	0.000000	27.76800
ARCO_CLUSTER3 (25, 6)	0.000000	4.992000
ARCO_CLUSTER3 (25, 7)	0.000000	38.68800
ARCO_CLUSTER3 (25, 8)	1.000000	4.992000
ARCO_CLUSTER3 (25, 9)	0.000000	36.81600
ARCO_CLUSTER3 (25, 10)	0.000000	61.46400
ARCO_CLUSTER3 (25, 11)	0.000000	37.44000
ARCO_CLUSTER3 (25, 12)	0.000000	14.97600
ARCO_CLUSTER3 (25, 13)	0.000000	16.84800
ARCO_CLUSTER3 (25, 14)	0.000000	58.65600
ARCO_CLUSTER3 (25, 15)	0.000000	76.12800
ARCO_CLUSTER3 (25, 16)	0.000000	19.34400
ARCO_CLUSTER3 (25, 17)	0.000000	29.32800
ARCO_CLUSTER3 (25, 18)	0.000000	11.85600
ARCO_CLUSTER3 (25, 19)	0.000000	46.80000
ARCO_CLUSTER3 (25, 20)	0.000000	148.8240
ARCO_CLUSTER3 (25, 21)	0.000000	15.91200
ARCO_CLUSTER3 (25, 22)	0.000000	17.47200
ARCO_CLUSTER3 (25, 23)	0.000000	330.7200
ARCO_CLUSTER3 (25, 24)	0.000000	47.42400
ARCO_CLUSTER3 (25, 25)	0.000000	0.000000
ARCO_CLUSTER3 (25, 26)	0.000000	53.66400
ARCO_CLUSTER3 (25, 27)	0.000000	25.58400
ARCO_CLUSTER3 (25, 28)	0.000000	14.66400
ARCO_CLUSTER3 (25, 29)	0.000000	10.92000
ARCO_CLUSTER3 (25, 30)	0.000000	36.50400
ARCO_CLUSTER3 (25, 31)	0.000000	122.9280
ARCO_CLUSTER3 (25, 32)	0.000000	158.8080
ARCO_CLUSTER3 (25, 33)	0.000000	58.65600
ARCO_CLUSTER3 (25, 34)	0.000000	35.88000
ARCO_CLUSTER3 (25, 35)	0.000000	20.28000
ARCO_CLUSTER3 (25, 36)	0.000000	129.7920
ARCO_CLUSTER3 (25, 37)	0.000000	125.7360
ARCO_CLUSTER3 (25, 38)	0.000000	62.40000
ARCO_CLUSTER3 (25, 39)	0.000000	8.112000
ARCO_CLUSTER3 (25, 40)	0.000000	9.672000
ARCO_CLUSTER3 (25, 41)	0.000000	37.44000
ARCO_CLUSTER3 (26, 1)	1.000000	4.368000
ARCO_CLUSTER3 (26, 2)	0.000000	78.31200
ARCO_CLUSTER3 (26, 3)	0.000000	69.57600
ARCO_CLUSTER3 (26, 4)	0.000000	27.14400
ARCO_CLUSTER3 (26, 5)	0.000000	32.13600
ARCO_CLUSTER3 (26, 6)	0.000000	52.41600
ARCO_CLUSTER3 (26, 7)	0.000000	71.44800
ARCO_CLUSTER3 (26, 8)	0.000000	51.48000
ARCO_CLUSTER3 (26, 9)	0.000000	27.45600
ARCO_CLUSTER3 (26, 10)	0.000000	7.800000
ARCO_CLUSTER3 (26, 11)	0.000000	23.40000
ARCO_CLUSTER3 (26, 12)	0.000000	42.74400
ARCO_CLUSTER3 (26, 13)	0.000000	44.30400
ARCO_CLUSTER3 (26, 14)	0.000000	4.992000
ARCO_CLUSTER3 (26, 15)	0.000000	126.6720
ARCO_CLUSTER3 (26, 16)	0.000000	43.05600
ARCO_CLUSTER3 (26, 17)	0.000000	78.62400
ARCO_CLUSTER3 (26, 18)	0.000000	62.08800
ARCO_CLUSTER3 (26, 19)	0.000000	97.34400
ARCO_CLUSTER3 (26, 20)	0.000000	81.74400
ARCO_CLUSTER3 (26, 21)	0.000000	38.37600
ARCO_CLUSTER3 (26, 22)	0.000000	51.16800
ARCO_CLUSTER3 (26, 23)	0.000000	263.6400
ARCO_CLUSTER3 (26, 24)	0.000000	15.28800
ARCO_CLUSTER3 (26, 25)	0.000000	53.35200
ARCO_CLUSTER3 (26, 26)	0.000000	0.000000

ARCO_CLUSTER3 (26, 27)	0.000000	51.48000
ARCO_CLUSTER3 (26, 28)	0.000000	61.46400
ARCO_CLUSTER3 (26, 29)	0.000000	48.98400
ARCO_CLUSTER3 (26, 30)	0.000000	71.44800
ARCO_CLUSTER3 (26, 31)	0.000000	30.88800
ARCO_CLUSTER3 (26, 32)	0.000000	99.21600
ARCO_CLUSTER3 (26, 33)	0.000000	4.992000
ARCO_CLUSTER3 (26, 34)	0.000000	29.64000
ARCO_CLUSTER3 (26, 35)	0.000000	51.79200
ARCO_CLUSTER3 (26, 36)	0.000000	62.40000
ARCO_CLUSTER3 (26, 37)	0.000000	58.34400
ARCO_CLUSTER3 (26, 38)	0.000000	8.736000
ARCO_CLUSTER3 (26, 39)	0.000000	58.65600
ARCO_CLUSTER3 (26, 40)	0.000000	65.52000
ARCO_CLUSTER3 (26, 41)	0.000000	24.02400
ARCO_CLUSTER3 (27, 1)	0.000000	57.40800
ARCO_CLUSTER3 (27, 2)	0.000000	30.88800
ARCO_CLUSTER3 (27, 3)	0.000000	30.57600
ARCO_CLUSTER3 (27, 4)	0.000000	30.57600
ARCO_CLUSTER3 (27, 5)	0.000000	25.89600
ARCO_CLUSTER3 (27, 6)	0.000000	19.34400
ARCO_CLUSTER3 (27, 7)	0.000000	23.71200
ARCO_CLUSTER3 (27, 8)	0.000000	20.28000
ARCO_CLUSTER3 (27, 9)	0.000000	29.95200
ARCO_CLUSTER3 (27, 10)	0.000000	60.52800
ARCO_CLUSTER3 (27, 11)	0.000000	29.32800
ARCO_CLUSTER3 (27, 12)	0.000000	15.91200
ARCO_CLUSTER3 (27, 13)	0.000000	15.60000
ARCO_CLUSTER3 (27, 14)	0.000000	58.03200
ARCO_CLUSTER3 (27, 15)	0.000000	91.10400
ARCO_CLUSTER3 (27, 16)	0.000000	16.84800
ARCO_CLUSTER3 (27, 17)	0.000000	34.00800
ARCO_CLUSTER3 (27, 18)	0.000000	20.28000
ARCO_CLUSTER3 (27, 19)	0.000000	61.46400
ARCO_CLUSTER3 (27, 20)	0.000000	141.3360
ARCO_CLUSTER3 (27, 21)	0.000000	19.34400
ARCO_CLUSTER3 (27, 22)	1.000000	10.60800
ARCO_CLUSTER3 (27, 23)	0.000000	324.4800
ARCO_CLUSTER3 (27, 24)	0.000000	38.37600
ARCO_CLUSTER3 (27, 25)	0.000000	22.15200
ARCO_CLUSTER3 (27, 26)	0.000000	53.04000
ARCO_CLUSTER3 (27, 27)	0.000000	0.000000
ARCO_CLUSTER3 (27, 28)	0.000000	13.72800
ARCO_CLUSTER3 (27, 29)	0.000000	13.72800
ARCO_CLUSTER3 (27, 30)	0.000000	23.71200
ARCO_CLUSTER3 (27, 31)	0.000000	77.06400
ARCO_CLUSTER3 (27, 32)	0.000000	87.67200
ARCO_CLUSTER3 (27, 33)	0.000000	57.72000
ARCO_CLUSTER3 (27, 34)	0.000000	34.94400
ARCO_CLUSTER3 (27, 35)	0.000000	4.992000
ARCO_CLUSTER3 (27, 36)	0.000000	121.9920
ARCO_CLUSTER3 (27, 37)	0.000000	117.9360
ARCO_CLUSTER3 (27, 38)	0.000000	61.77600
ARCO_CLUSTER3 (27, 39)	0.000000	19.03200
ARCO_CLUSTER3 (27, 40)	0.000000	29.64000
ARCO_CLUSTER3 (27, 41)	0.000000	29.95200
ARCO_CLUSTER3 (28, 1)	0.000000	76.12800
ARCO_CLUSTER3 (28, 2)	0.000000	24.64800
ARCO_CLUSTER3 (28, 3)	0.000000	16.22400
ARCO_CLUSTER3 (28, 4)	0.000000	49.60800
ARCO_CLUSTER3 (28, 5)	0.000000	37.44000
ARCO_CLUSTER3 (28, 6)	0.000000	15.28800
ARCO_CLUSTER3 (28, 7)	0.000000	27.76800
ARCO_CLUSTER3 (28, 8)	0.000000	16.53600
ARCO_CLUSTER3 (28, 9)	0.000000	48.67200
ARCO_CLUSTER3 (28, 10)	0.000000	73.94400
ARCO_CLUSTER3 (28, 11)	0.000000	48.36000
ARCO_CLUSTER3 (28, 12)	0.000000	24.96000
ARCO_CLUSTER3 (28, 13)	0.000000	26.52000
ARCO_CLUSTER3 (28, 14)	0.000000	71.13600
ARCO_CLUSTER3 (28, 15)	0.000000	71.44800

ARCO_CLUSTER3 (28, 16)	0.000000	31.20000
ARCO_CLUSTER3 (28, 17)	0.000000	23.40000
ARCO_CLUSTER3 (28, 18)	1.000000	6.240000
ARCO_CLUSTER3 (28, 19)	0.000000	42.12000
ARCO_CLUSTER3 (28, 20)	0.000000	160.0560
ARCO_CLUSTER3 (28, 21)	0.000000	27.76800
ARCO_CLUSTER3 (28, 22)	0.000000	27.14400
ARCO_CLUSTER3 (28, 23)	0.000000	343.2000
ARCO_CLUSTER3 (28, 24)	0.000000	57.40800
ARCO_CLUSTER3 (28, 25)	0.000000	18.09600
ARCO_CLUSTER3 (28, 26)	0.000000	66.14400
ARCO_CLUSTER3 (28, 27)	0.000000	20.28000
ARCO_CLUSTER3 (28, 28)	0.000000	0.000000
ARCO_CLUSTER3 (28, 29)	0.000000	18.09600
ARCO_CLUSTER3 (28, 30)	0.000000	28.08000
ARCO_CLUSTER3 (28, 31)	0.000000	43.99200
ARCO_CLUSTER3 (28, 32)	0.000000	101.0880
ARCO_CLUSTER3 (28, 33)	0.000000	71.13600
ARCO_CLUSTER3 (28, 34)	0.000000	48.36000
ARCO_CLUSTER3 (28, 35)	0.000000	19.96800
ARCO_CLUSTER3 (28, 36)	0.000000	141.0240
ARCO_CLUSTER3 (28, 37)	0.000000	136.9680
ARCO_CLUSTER3 (28, 38)	0.000000	74.88000
ARCO_CLUSTER3 (28, 39)	0.000000	10.60800
ARCO_CLUSTER3 (28, 40)	0.000000	17.47200
ARCO_CLUSTER3 (28, 41)	0.000000	48.98400
ARCO_CLUSTER3 (29, 1)	0.000000	52.41600
ARCO_CLUSTER3 (29, 2)	0.000000	34.32000
ARCO_CLUSTER3 (29, 3)	0.000000	29.01600
ARCO_CLUSTER3 (29, 4)	0.000000	24.64800
ARCO_CLUSTER3 (29, 5)	0.000000	19.65600
ARCO_CLUSTER3 (29, 6)	0.000000	7.488000
ARCO_CLUSTER3 (29, 7)	0.000000	33.69600
ARCO_CLUSTER3 (29, 8)	0.000000	9.048000
ARCO_CLUSTER3 (29, 9)	0.000000	31.20000
ARCO_CLUSTER3 (29, 10)	0.000000	55.53600
ARCO_CLUSTER3 (29, 11)	0.000000	31.82400
ARCO_CLUSTER3 (29, 12)	0.000000	7.176000
ARCO_CLUSTER3 (29, 13)	0.000000	8.736000
ARCO_CLUSTER3 (29, 14)	0.000000	53.04000
ARCO_CLUSTER3 (29, 15)	0.000000	86.73600
ARCO_CLUSTER3 (29, 16)	0.000000	13.72800
ARCO_CLUSTER3 (29, 17)	0.000000	33.07200
ARCO_CLUSTER3 (29, 18)	0.000000	19.34400
ARCO_CLUSTER3 (29, 19)	0.000000	57.09600
ARCO_CLUSTER3 (29, 20)	0.000000	143.2080
ARCO_CLUSTER3 (29, 21)	0.000000	9.984000
ARCO_CLUSTER3 (29, 22)	0.000000	8.112000
ARCO_CLUSTER3 (29, 23)	0.000000	324.4800
ARCO_CLUSTER3 (29, 24)	0.000000	41.49600
ARCO_CLUSTER3 (29, 25)	0.000000	10.60800
ARCO_CLUSTER3 (29, 26)	0.000000	48.04800
ARCO_CLUSTER3 (29, 27)	0.000000	16.53600
ARCO_CLUSTER3 (29, 28)	0.000000	15.91200
ARCO_CLUSTER3 (29, 29)	0.000000	0.000000
ARCO_CLUSTER3 (29, 30)	0.000000	34.00800
ARCO_CLUSTER3 (29, 31)	0.000000	50.23200
ARCO_CLUSTER3 (29, 32)	0.000000	80.49600
ARCO_CLUSTER3 (29, 33)	0.000000	52.72800
ARCO_CLUSTER3 (29, 34)	0.000000	26.83200
ARCO_CLUSTER3 (29, 35)	1.000000	11.85600
ARCO_CLUSTER3 (29, 36)	0.000000	123.8640
ARCO_CLUSTER3 (29, 37)	0.000000	120.1200
ARCO_CLUSTER3 (29, 38)	0.000000	56.78400
ARCO_CLUSTER3 (29, 39)	0.000000	18.40800
ARCO_CLUSTER3 (29, 40)	0.000000	24.96000
ARCO_CLUSTER3 (29, 41)	0.000000	31.51200
ARCO_CLUSTER3 (30, 1)	0.000000	100.1520
ARCO_CLUSTER3 (30, 2)	0.000000	10.92000
ARCO_CLUSTER3 (30, 3)	0.000000	38.06400
ARCO_CLUSTER3 (30, 4)	0.000000	53.35200

ARCO_CLUSTER3 (30, 5)	0.000000	48.36000
ARCO_CLUSTER3 (30, 6)	0.000000	34.00800
ARCO_CLUSTER3 (30, 7)	1.000000	0.000000
ARCO_CLUSTER3 (30, 8)	0.000000	34.94400
ARCO_CLUSTER3 (30, 9)	0.000000	52.41600
ARCO_CLUSTER3 (30, 10)	0.000000	122.9280
ARCO_CLUSTER3 (30, 11)	0.000000	52.10400
ARCO_CLUSTER3 (30, 12)	0.000000	38.68800
ARCO_CLUSTER3 (30, 13)	0.000000	38.06400
ARCO_CLUSTER3 (30, 14)	0.000000	80.49600
ARCO_CLUSTER3 (30, 15)	0.000000	68.32800
ARCO_CLUSTER3 (30, 16)	0.000000	39.62400
ARCO_CLUSTER3 (30, 17)	0.000000	14.04000
ARCO_CLUSTER3 (30, 18)	0.000000	28.70400
ARCO_CLUSTER3 (30, 19)	0.000000	39.00000
ARCO_CLUSTER3 (30, 20)	0.000000	169.4160
ARCO_CLUSTER3 (30, 21)	0.000000	42.12000
ARCO_CLUSTER3 (30, 22)	0.000000	33.38400
ARCO_CLUSTER3 (30, 23)	0.000000	352.5600
ARCO_CLUSTER3 (30, 24)	0.000000	61.15200
ARCO_CLUSTER3 (30, 25)	0.000000	36.50400
ARCO_CLUSTER3 (30, 26)	0.000000	75.50400
ARCO_CLUSTER3 (30, 27)	0.000000	23.40000
ARCO_CLUSTER3 (30, 28)	0.000000	22.77600
ARCO_CLUSTER3 (30, 29)	0.000000	35.88000
ARCO_CLUSTER3 (30, 30)	0.000000	0.000000
ARCO_CLUSTER3 (30, 31)	0.000000	60.21600
ARCO_CLUSTER3 (30, 32)	0.000000	69.26400
ARCO_CLUSTER3 (30, 33)	0.000000	80.49600
ARCO_CLUSTER3 (30, 34)	0.000000	57.72000
ARCO_CLUSTER3 (30, 35)	0.000000	27.76800
ARCO_CLUSTER3 (30, 36)	0.000000	150.0720
ARCO_CLUSTER3 (30, 37)	0.000000	146.0160
ARCO_CLUSTER3 (30, 38)	0.000000	123.8640
ARCO_CLUSTER3 (30, 39)	0.000000	36.81600
ARCO_CLUSTER3 (30, 40)	0.000000	40.24800
ARCO_CLUSTER3 (30, 41)	0.000000	52.72800
ARCO_CLUSTER3 (31, 1)	0.000000	106.3920
ARCO_CLUSTER3 (31, 2)	0.000000	17.78400
ARCO_CLUSTER3 (31, 3)	0.000000	42.12000
ARCO_CLUSTER3 (31, 4)	0.000000	59.28000
ARCO_CLUSTER3 (31, 5)	0.000000	54.28800
ARCO_CLUSTER3 (31, 6)	0.000000	48.67200
ARCO_CLUSTER3 (31, 7)	0.000000	13.72800
ARCO_CLUSTER3 (31, 8)	0.000000	50.85600
ARCO_CLUSTER3 (31, 9)	0.000000	58.34400
ARCO_CLUSTER3 (31, 10)	0.000000	128.5440
ARCO_CLUSTER3 (31, 11)	0.000000	58.03200
ARCO_CLUSTER3 (31, 12)	0.000000	44.30400
ARCO_CLUSTER3 (31, 13)	0.000000	43.99200
ARCO_CLUSTER3 (31, 14)	0.000000	86.42400
ARCO_CLUSTER3 (31, 15)	0.000000	60.21600
ARCO_CLUSTER3 (31, 16)	0.000000	45.24000
ARCO_CLUSTER3 (31, 17)	0.000000	18.09600
ARCO_CLUSTER3 (31, 18)	0.000000	37.44000
ARCO_CLUSTER3 (31, 19)	0.000000	30.88800
ARCO_CLUSTER3 (31, 20)	0.000000	175.0320
ARCO_CLUSTER3 (31, 21)	0.000000	48.04800
ARCO_CLUSTER3 (31, 22)	0.000000	39.31200
ARCO_CLUSTER3 (31, 23)	0.000000	355.6800
ARCO_CLUSTER3 (31, 24)	0.000000	67.08000
ARCO_CLUSTER3 (31, 25)	0.000000	45.24000
ARCO_CLUSTER3 (31, 26)	0.000000	81.43200
ARCO_CLUSTER3 (31, 27)	0.000000	29.01600
ARCO_CLUSTER3 (31, 28)	0.000000	31.20000
ARCO_CLUSTER3 (31, 29)	0.000000	41.49600
ARCO_CLUSTER3 (31, 30)	1.000000	13.72800
ARCO_CLUSTER3 (31, 31)	0.000000	0.000000
ARCO_CLUSTER3 (31, 32)	0.000000	133.2240
ARCO_CLUSTER3 (31, 33)	0.000000	86.42400
ARCO_CLUSTER3 (31, 34)	0.000000	63.64800

ARCO_CLUSTER3 (31, 35)	0.000000	33.69600
ARCO_CLUSTER3 (31, 36)	0.000000	156.0000
ARCO_CLUSTER3 (31, 37)	0.000000	151.9440
ARCO_CLUSTER3 (31, 38)	0.000000	129.7920
ARCO_CLUSTER3 (31, 39)	0.000000	40.87200
ARCO_CLUSTER3 (31, 40)	0.000000	54.91200
ARCO_CLUSTER3 (31, 41)	0.000000	58.34400
ARCO_CLUSTER3 (32, 1)	0.000000	45.55200
ARCO_CLUSTER3 (32, 2)	0.000000	136.9680
ARCO_CLUSTER3 (32, 3)	0.000000	115.7520
ARCO_CLUSTER3 (32, 4)	0.000000	73.32000
ARCO_CLUSTER3 (32, 5)	0.000000	90.48000
ARCO_CLUSTER3 (32, 6)	0.000000	114.5040
ARCO_CLUSTER3 (32, 7)	0.000000	133.5360
ARCO_CLUSTER3 (32, 8)	0.000000	113.2560
ARCO_CLUSTER3 (32, 9)	0.000000	77.37600
ARCO_CLUSTER3 (32, 10)	0.000000	44.92800
ARCO_CLUSTER3 (32, 11)	0.000000	75.50400
ARCO_CLUSTER3 (32, 12)	0.000000	103.2720
ARCO_CLUSTER3 (32, 13)	0.000000	104.5200
ARCO_CLUSTER3 (32, 14)	0.000000	49.60800
ARCO_CLUSTER3 (32, 15)	0.000000	197.1840
ARCO_CLUSTER3 (32, 16)	0.000000	97.34400
ARCO_CLUSTER3 (32, 17)	0.000000	140.0880
ARCO_CLUSTER3 (32, 18)	0.000000	108.2640
ARCO_CLUSTER3 (32, 19)	0.000000	167.5440
ARCO_CLUSTER3 (32, 20)	0.000000	42.12000
ARCO_CLUSTER3 (32, 21)	0.000000	84.55200
ARCO_CLUSTER3 (32, 22)	0.000000	107.0160
ARCO_CLUSTER3 (32, 23)	0.000000	224.0160
ARCO_CLUSTER3 (32, 24)	0.000000	60.52800
ARCO_CLUSTER3 (32, 25)	0.000000	114.8160
ARCO_CLUSTER3 (32, 26)	0.000000	47.42400
ARCO_CLUSTER3 (32, 27)	0.000000	106.3920
ARCO_CLUSTER3 (32, 28)	0.000000	119.1840
ARCO_CLUSTER3 (32, 29)	0.000000	110.7600
ARCO_CLUSTER3 (32, 30)	0.000000	133.5360
ARCO_CLUSTER3 (32, 31)	0.000000	136.9680
ARCO_CLUSTER3 (32, 32)	0.000000	0.000000
ARCO_CLUSTER3 (32, 33)	0.000000	45.86400
ARCO_CLUSTER3 (32, 34)	0.000000	76.44000
ARCO_CLUSTER3 (32, 35)	0.000000	107.0160
ARCO_CLUSTER3 (32, 36)	0.000000	22.77600
ARCO_CLUSTER3 (32, 37)	1.000000	19.03200
ARCO_CLUSTER3 (32, 38)	0.000000	46.17600
ARCO_CLUSTER3 (32, 39)	0.000000	104.8320
ARCO_CLUSTER3 (32, 40)	0.000000	111.6960
ARCO_CLUSTER3 (32, 41)	0.000000	72.69600
ARCO_CLUSTER3 (33, 1)	0.000000	4.056000
ARCO_CLUSTER3 (33, 2)	0.000000	81.43200
ARCO_CLUSTER3 (33, 3)	0.000000	74.25600
ARCO_CLUSTER3 (33, 4)	0.000000	31.82400
ARCO_CLUSTER3 (33, 5)	0.000000	34.94400
ARCO_CLUSTER3 (33, 6)	0.000000	57.09600
ARCO_CLUSTER3 (33, 7)	0.000000	74.25600
ARCO_CLUSTER3 (33, 8)	0.000000	56.16000
ARCO_CLUSTER3 (33, 9)	0.000000	28.08000
ARCO_CLUSTER3 (33, 10)	1.000000	3.744000
ARCO_CLUSTER3 (33, 11)	0.000000	26.52000
ARCO_CLUSTER3 (33, 12)	0.000000	47.42400
ARCO_CLUSTER3 (33, 13)	0.000000	48.67200
ARCO_CLUSTER3 (33, 14)	0.000000	7.800000
ARCO_CLUSTER3 (33, 15)	0.000000	131.3520
ARCO_CLUSTER3 (33, 16)	0.000000	45.86400
ARCO_CLUSTER3 (33, 17)	0.000000	83.30400
ARCO_CLUSTER3 (33, 18)	0.000000	66.76800
ARCO_CLUSTER3 (33, 19)	0.000000	102.0240
ARCO_CLUSTER3 (33, 20)	0.000000	79.24800
ARCO_CLUSTER3 (33, 21)	0.000000	43.05600
ARCO_CLUSTER3 (33, 22)	0.000000	55.84800
ARCO_CLUSTER3 (33, 23)	0.000000	261.1440

ARCO_CLUSTER3 (33, 24)	0.000000	19.03200
ARCO_CLUSTER3 (33, 25)	0.000000	58.03200
ARCO_CLUSTER3 (33, 26)	0.000000	5.616000
ARCO_CLUSTER3 (33, 27)	0.000000	54.28800
ARCO_CLUSTER3 (33, 28)	0.000000	66.14400
ARCO_CLUSTER3 (33, 29)	0.000000	53.66400
ARCO_CLUSTER3 (33, 30)	0.000000	74.56800
ARCO_CLUSTER3 (33, 31)	0.000000	81.43200
ARCO_CLUSTER3 (33, 32)	0.000000	37.44000
ARCO_CLUSTER3 (33, 33)	0.000000	0.000000
ARCO_CLUSTER3 (33, 34)	0.000000	34.32000
ARCO_CLUSTER3 (33, 35)	0.000000	54.91200
ARCO_CLUSTER3 (33, 36)	0.000000	60.21600
ARCO_CLUSTER3 (33, 37)	0.000000	56.16000
ARCO_CLUSTER3 (33, 38)	0.000000	4.680000
ARCO_CLUSTER3 (33, 39)	0.000000	63.33600
ARCO_CLUSTER3 (33, 40)	0.000000	69.88800
ARCO_CLUSTER3 (33, 41)	0.000000	26.83200
ARCO_CLUSTER3 (34, 1)	0.000000	27.14400
ARCO_CLUSTER3 (34, 2)	0.000000	60.84000
ARCO_CLUSTER3 (34, 3)	0.000000	56.16000
ARCO_CLUSTER3 (34, 4)	0.000000	4.368000
ARCO_CLUSTER3 (34, 5)	0.000000	9.672000
ARCO_CLUSTER3 (34, 6)	0.000000	39.31200
ARCO_CLUSTER3 (34, 7)	0.000000	53.97600
ARCO_CLUSTER3 (34, 8)	0.000000	38.06400
ARCO_CLUSTER3 (34, 9)	0.000000	3.432000
ARCO_CLUSTER3 (34, 10)	0.000000	30.57600
ARCO_CLUSTER3 (34, 11)	0.000000	4.056000
ARCO_CLUSTER3 (34, 12)	0.000000	22.46400
ARCO_CLUSTER3 (34, 13)	0.000000	23.71200
ARCO_CLUSTER3 (34, 14)	0.000000	27.76800
ARCO_CLUSTER3 (34, 15)	0.000000	113.5680
ARCO_CLUSTER3 (34, 16)	0.000000	18.09600
ARCO_CLUSTER3 (34, 17)	0.000000	64.27200
ARCO_CLUSTER3 (34, 18)	0.000000	48.98400
ARCO_CLUSTER3 (34, 19)	0.000000	83.92800
ARCO_CLUSTER3 (34, 20)	0.000000	109.2000
ARCO_CLUSTER3 (34, 21)	0.000000	25.27200
ARCO_CLUSTER3 (34, 22)	0.000000	38.06400
ARCO_CLUSTER3 (34, 23)	0.000000	291.0960
ARCO_CLUSTER3 (34, 24)	1.000000	7.800000
ARCO_CLUSTER3 (34, 25)	0.000000	40.24800
ARCO_CLUSTER3 (34, 26)	0.000000	22.77600
ARCO_CLUSTER3 (34, 27)	0.000000	34.00800
ARCO_CLUSTER3 (34, 28)	0.000000	48.36000
ARCO_CLUSTER3 (34, 29)	0.000000	35.56800
ARCO_CLUSTER3 (34, 30)	0.000000	53.97600
ARCO_CLUSTER3 (34, 31)	0.000000	60.84000
ARCO_CLUSTER3 (34, 32)	0.000000	67.39200
ARCO_CLUSTER3 (34, 33)	0.000000	27.76800
ARCO_CLUSTER3 (34, 34)	0.000000	0.000000
ARCO_CLUSTER3 (34, 35)	0.000000	34.63200
ARCO_CLUSTER3 (34, 36)	0.000000	90.16800
ARCO_CLUSTER3 (34, 37)	0.000000	62.08800
ARCO_CLUSTER3 (34, 38)	0.000000	31.51200
ARCO_CLUSTER3 (34, 39)	0.000000	45.24000
ARCO_CLUSTER3 (34, 40)	0.000000	52.10400
ARCO_CLUSTER3 (34, 41)	0.000000	3.744000
ARCO_CLUSTER3 (35, 1)	0.000000	56.78400
ARCO_CLUSTER3 (35, 2)	0.000000	32.13600
ARCO_CLUSTER3 (35, 3)	0.000000	31.20000
ARCO_CLUSTER3 (35, 4)	0.000000	29.95200
ARCO_CLUSTER3 (35, 5)	0.000000	24.96000
ARCO_CLUSTER3 (35, 6)	0.000000	23.08800
ARCO_CLUSTER3 (35, 7)	0.000000	24.96000
ARCO_CLUSTER3 (35, 8)	0.000000	21.52800
ARCO_CLUSTER3 (35, 9)	0.000000	29.32800
ARCO_CLUSTER3 (35, 10)	0.000000	59.90400
ARCO_CLUSTER3 (35, 11)	0.000000	28.70400
ARCO_CLUSTER3 (35, 12)	0.000000	15.28800

ARCO_CLUSTER3 (35, 13)	0.000000	14.66400
ARCO_CLUSTER3 (35, 14)	0.000000	57.40800
ARCO_CLUSTER3 (35, 15)	0.000000	92.35200
ARCO_CLUSTER3 (35, 16)	0.000000	16.22400
ARCO_CLUSTER3 (35, 17)	0.000000	35.25600
ARCO_CLUSTER3 (35, 18)	0.000000	21.21600
ARCO_CLUSTER3 (35, 19)	0.000000	62.71200
ARCO_CLUSTER3 (35, 20)	0.000000	140.4000
ARCO_CLUSTER3 (35, 21)	0.000000	18.72000
ARCO_CLUSTER3 (35, 22)	0.000000	9.984000
ARCO_CLUSTER3 (35, 23)	0.000000	321.3600
ARCO_CLUSTER3 (35, 24)	0.000000	37.75200
ARCO_CLUSTER3 (35, 25)	0.000000	20.28000
ARCO_CLUSTER3 (35, 26)	0.000000	52.10400
ARCO_CLUSTER3 (35, 27)	1.000000	4.056000
ARCO_CLUSTER3 (35, 28)	0.000000	14.35200
ARCO_CLUSTER3 (35, 29)	0.000000	14.04000
ARCO_CLUSTER3 (35, 30)	0.000000	25.27200
ARCO_CLUSTER3 (35, 31)	0.000000	32.13600
ARCO_CLUSTER3 (35, 32)	0.000000	98.59200
ARCO_CLUSTER3 (35, 33)	0.000000	57.09600
ARCO_CLUSTER3 (35, 34)	0.000000	34.32000
ARCO_CLUSTER3 (35, 35)	0.000000	0.000000
ARCO_CLUSTER3 (35, 36)	0.000000	121.3680
ARCO_CLUSTER3 (35, 37)	0.000000	117.3120
ARCO_CLUSTER3 (35, 38)	0.000000	60.84000
ARCO_CLUSTER3 (35, 39)	0.000000	19.65600
ARCO_CLUSTER3 (35, 40)	0.000000	30.57600
ARCO_CLUSTER3 (35, 41)	0.000000	29.32800
ARCO_CLUSTER3 (36, 1)	0.000000	62.40000
ARCO_CLUSTER3 (36, 2)	0.000000	153.8160
ARCO_CLUSTER3 (36, 3)	0.000000	132.6000
ARCO_CLUSTER3 (36, 4)	0.000000	90.16800
ARCO_CLUSTER3 (36, 5)	0.000000	107.3280
ARCO_CLUSTER3 (36, 6)	0.000000	131.3520
ARCO_CLUSTER3 (36, 7)	0.000000	150.3840
ARCO_CLUSTER3 (36, 8)	0.000000	130.1040
ARCO_CLUSTER3 (36, 9)	0.000000	94.22400
ARCO_CLUSTER3 (36, 10)	0.000000	61.77600
ARCO_CLUSTER3 (36, 11)	0.000000	92.35200
ARCO_CLUSTER3 (36, 12)	0.000000	120.1200
ARCO_CLUSTER3 (36, 13)	0.000000	121.3680
ARCO_CLUSTER3 (36, 14)	0.000000	66.45600
ARCO_CLUSTER3 (36, 15)	0.000000	214.0320
ARCO_CLUSTER3 (36, 16)	0.000000	114.1920
ARCO_CLUSTER3 (36, 17)	0.000000	156.9360
ARCO_CLUSTER3 (36, 18)	0.000000	125.1120
ARCO_CLUSTER3 (36, 19)	0.000000	184.3920
ARCO_CLUSTER3 (36, 20)	1.000000	29.64000
ARCO_CLUSTER3 (36, 21)	0.000000	101.4000
ARCO_CLUSTER3 (36, 22)	0.000000	123.8640
ARCO_CLUSTER3 (36, 23)	0.000000	211.5360
ARCO_CLUSTER3 (36, 24)	0.000000	77.37600
ARCO_CLUSTER3 (36, 25)	0.000000	131.6640
ARCO_CLUSTER3 (36, 26)	0.000000	64.27200
ARCO_CLUSTER3 (36, 27)	0.000000	123.2400
ARCO_CLUSTER3 (36, 28)	0.000000	136.0320
ARCO_CLUSTER3 (36, 29)	0.000000	127.6080
ARCO_CLUSTER3 (36, 30)	0.000000	150.3840
ARCO_CLUSTER3 (36, 31)	0.000000	153.8160
ARCO_CLUSTER3 (36, 32)	0.000000	69.57600
ARCO_CLUSTER3 (36, 33)	0.000000	62.71200
ARCO_CLUSTER3 (36, 34)	0.000000	93.28800
ARCO_CLUSTER3 (36, 35)	0.000000	123.8640
ARCO_CLUSTER3 (36, 36)	0.000000	0.000000
ARCO_CLUSTER3 (36, 37)	0.000000	23.08800
ARCO_CLUSTER3 (36, 38)	0.000000	63.02400
ARCO_CLUSTER3 (36, 39)	0.000000	139.4640
ARCO_CLUSTER3 (36, 40)	0.000000	146.0160
ARCO_CLUSTER3 (36, 41)	0.000000	89.54400
ARCO_CLUSTER3 (37, 1)	0.000000	56.47200

ARCO_CLUSTER3 (37, 2)	0.000000	147.8880
ARCO_CLUSTER3 (37, 3)	0.000000	126.6720
ARCO_CLUSTER3 (37, 4)	0.000000	84.24000
ARCO_CLUSTER3 (37, 5)	0.000000	101.4000
ARCO_CLUSTER3 (37, 6)	0.000000	125.4240
ARCO_CLUSTER3 (37, 7)	0.000000	144.4560
ARCO_CLUSTER3 (37, 8)	0.000000	123.8640
ARCO_CLUSTER3 (37, 9)	0.000000	87.98400
ARCO_CLUSTER3 (37, 10)	0.000000	55.53600
ARCO_CLUSTER3 (37, 11)	0.000000	86.11200
ARCO_CLUSTER3 (37, 12)	0.000000	113.8800
ARCO_CLUSTER3 (37, 13)	0.000000	115.1280
ARCO_CLUSTER3 (37, 14)	0.000000	60.21600
ARCO_CLUSTER3 (37, 15)	0.000000	207.7920
ARCO_CLUSTER3 (37, 16)	0.000000	107.9520
ARCO_CLUSTER3 (37, 17)	0.000000	150.6960
ARCO_CLUSTER3 (37, 18)	0.000000	118.8720
ARCO_CLUSTER3 (37, 19)	0.000000	178.1520
ARCO_CLUSTER3 (37, 20)	0.000000	52.10400
ARCO_CLUSTER3 (37, 21)	0.000000	95.16000
ARCO_CLUSTER3 (37, 22)	0.000000	117.6240
ARCO_CLUSTER3 (37, 23)	0.000000	234.0000
ARCO_CLUSTER3 (37, 24)	0.000000	71.13600
ARCO_CLUSTER3 (37, 25)	0.000000	125.4240
ARCO_CLUSTER3 (37, 26)	0.000000	57.72000
ARCO_CLUSTER3 (37, 27)	0.000000	117.0000
ARCO_CLUSTER3 (37, 28)	0.000000	129.7920
ARCO_CLUSTER3 (37, 29)	0.000000	121.3680
ARCO_CLUSTER3 (37, 30)	0.000000	144.1440
ARCO_CLUSTER3 (37, 31)	0.000000	147.5760
ARCO_CLUSTER3 (37, 32)	0.000000	63.33600
ARCO_CLUSTER3 (37, 33)	0.000000	56.47200
ARCO_CLUSTER3 (37, 34)	0.000000	87.04800
ARCO_CLUSTER3 (37, 35)	0.000000	117.6240
ARCO_CLUSTER3 (37, 36)	1.000000	22.46400
ARCO_CLUSTER3 (37, 37)	0.000000	0.000000
ARCO_CLUSTER3 (37, 38)	0.000000	56.78400
ARCO_CLUSTER3 (37, 39)	0.000000	133.2240
ARCO_CLUSTER3 (37, 40)	0.000000	139.7760
ARCO_CLUSTER3 (37, 41)	0.000000	83.30400
ARCO_CLUSTER3 (38, 1)	0.000000	7.176000
ARCO_CLUSTER3 (38, 2)	0.000000	84.24000
ARCO_CLUSTER3 (38, 3)	0.000000	77.37600
ARCO_CLUSTER3 (38, 4)	0.000000	34.63200
ARCO_CLUSTER3 (38, 5)	0.000000	38.06400
ARCO_CLUSTER3 (38, 6)	0.000000	60.21600
ARCO_CLUSTER3 (38, 7)	0.000000	77.37600
ARCO_CLUSTER3 (38, 8)	0.000000	59.28000
ARCO_CLUSTER3 (38, 9)	0.000000	31.20000
ARCO_CLUSTER3 (38, 10)	0.000000	1.092000
ARCO_CLUSTER3 (38, 11)	0.000000	29.32800
ARCO_CLUSTER3 (38, 12)	0.000000	50.54400
ARCO_CLUSTER3 (38, 13)	0.000000	51.79200
ARCO_CLUSTER3 (38, 14)	0.000000	10.92000
ARCO_CLUSTER3 (38, 15)	0.000000	134.4720
ARCO_CLUSTER3 (38, 16)	0.000000	48.98400
ARCO_CLUSTER3 (38, 17)	0.000000	86.42400
ARCO_CLUSTER3 (38, 18)	0.000000	69.88800
ARCO_CLUSTER3 (38, 19)	0.000000	104.8320
ARCO_CLUSTER3 (38, 20)	0.000000	80.18400
ARCO_CLUSTER3 (38, 21)	0.000000	46.17600
ARCO_CLUSTER3 (38, 22)	0.000000	58.96800
ARCO_CLUSTER3 (38, 23)	0.000000	262.0800
ARCO_CLUSTER3 (38, 24)	0.000000	22.15200
ARCO_CLUSTER3 (38, 25)	0.000000	61.15200
ARCO_CLUSTER3 (38, 26)	0.000000	8.736000
ARCO_CLUSTER3 (38, 27)	0.000000	57.40800
ARCO_CLUSTER3 (38, 28)	0.000000	69.26400
ARCO_CLUSTER3 (38, 29)	0.000000	56.47200
ARCO_CLUSTER3 (38, 30)	0.000000	77.37600
ARCO_CLUSTER3 (38, 31)	0.000000	84.55200

ARCO_CLUSTER3 (38, 32)	1.000000	38.37600
ARCO_CLUSTER3 (38, 33)	0.000000	4.368000
ARCO_CLUSTER3 (38, 34)	0.000000	37.44000
ARCO_CLUSTER3 (38, 35)	0.000000	58.03200
ARCO_CLUSTER3 (38, 36)	0.000000	61.15200
ARCO_CLUSTER3 (38, 37)	0.000000	57.09600
ARCO_CLUSTER3 (38, 38)	0.000000	0.000000
ARCO_CLUSTER3 (38, 39)	0.000000	66.45600
ARCO_CLUSTER3 (38, 40)	0.000000	73.32000
ARCO_CLUSTER3 (38, 41)	0.000000	29.95200
ARCO_CLUSTER3 (39, 1)	0.000000	67.70400
ARCO_CLUSTER3 (39, 2)	0.000000	28.08000
ARCO_CLUSTER3 (39, 3)	0.000000	13.10400
ARCO_CLUSTER3 (39, 4)	0.000000	39.62400
ARCO_CLUSTER3 (39, 5)	0.000000	34.32000
ARCO_CLUSTER3 (39, 6)	0.000000	10.92000
ARCO_CLUSTER3 (39, 7)	0.000000	34.00800
ARCO_CLUSTER3 (39, 8)	0.000000	10.92000
ARCO_CLUSTER3 (39, 9)	0.000000	46.48800
ARCO_CLUSTER3 (39, 10)	0.000000	71.13600
ARCO_CLUSTER3 (39, 11)	0.000000	45.86400
ARCO_CLUSTER3 (39, 12)	0.000000	21.84000
ARCO_CLUSTER3 (39, 13)	0.000000	23.71200
ARCO_CLUSTER3 (39, 14)	0.000000	68.32800
ARCO_CLUSTER3 (39, 15)	0.000000	69.26400
ARCO_CLUSTER3 (39, 16)	0.000000	28.39200
ARCO_CLUSTER3 (39, 17)	0.000000	22.15200
ARCO_CLUSTER3 (39, 18)	0.000000	4.680000
ARCO_CLUSTER3 (39, 19)	0.000000	39.62400
ARCO_CLUSTER3 (39, 20)	0.000000	157.5600
ARCO_CLUSTER3 (39, 21)	0.000000	24.96000
ARCO_CLUSTER3 (39, 22)	0.000000	19.65600
ARCO_CLUSTER3 (39, 23)	0.000000	340.0800
ARCO_CLUSTER3 (39, 24)	0.000000	57.09600
ARCO_CLUSTER3 (39, 25)	1.000000	9.672000
ARCO_CLUSTER3 (39, 26)	0.000000	63.33600
ARCO_CLUSTER3 (39, 27)	0.000000	20.28000
ARCO_CLUSTER3 (39, 28)	0.000000	11.23200
ARCO_CLUSTER3 (39, 29)	0.000000	15.28800
ARCO_CLUSTER3 (39, 30)	0.000000	34.32000
ARCO_CLUSTER3 (39, 31)	0.000000	40.56000
ARCO_CLUSTER3 (39, 32)	0.000000	115.7520
ARCO_CLUSTER3 (39, 33)	0.000000	68.32800
ARCO_CLUSTER3 (39, 34)	0.000000	45.55200
ARCO_CLUSTER3 (39, 35)	0.000000	17.16000
ARCO_CLUSTER3 (39, 36)	0.000000	138.5280
ARCO_CLUSTER3 (39, 37)	0.000000	134.4720
ARCO_CLUSTER3 (39, 38)	0.000000	72.07200
ARCO_CLUSTER3 (39, 39)	0.000000	0.000000
ARCO_CLUSTER3 (39, 40)	0.000000	11.54400
ARCO_CLUSTER3 (39, 41)	0.000000	46.48800
ARCO_CLUSTER3 (40, 1)	0.000000	71.13600
ARCO_CLUSTER3 (40, 2)	0.000000	36.19200
ARCO_CLUSTER3 (40, 3)	1.000000	8.112000
ARCO_CLUSTER3 (40, 4)	0.000000	47.11200
ARCO_CLUSTER3 (40, 5)	0.000000	40.56000
ARCO_CLUSTER3 (40, 6)	0.000000	19.34400
ARCO_CLUSTER3 (40, 7)	0.000000	39.31200
ARCO_CLUSTER3 (40, 8)	0.000000	17.78400
ARCO_CLUSTER3 (40, 9)	0.000000	50.23200
ARCO_CLUSTER3 (40, 10)	0.000000	74.88000
ARCO_CLUSTER3 (40, 11)	0.000000	50.85600
ARCO_CLUSTER3 (40, 12)	0.000000	28.08000
ARCO_CLUSTER3 (40, 13)	0.000000	29.95200
ARCO_CLUSTER3 (40, 14)	0.000000	72.07200
ARCO_CLUSTER3 (40, 15)	0.000000	76.12800
ARCO_CLUSTER3 (40, 16)	0.000000	34.63200
ARCO_CLUSTER3 (40, 17)	0.000000	29.32800
ARCO_CLUSTER3 (40, 18)	0.000000	10.92000
ARCO_CLUSTER3 (40, 19)	0.000000	46.80000
ARCO_CLUSTER3 (40, 20)	0.000000	148.8240

ARCO_CLUSTER3 (40, 21)	0.000000	30.88800
ARCO_CLUSTER3 (40, 22)	0.000000	32.76000
ARCO_CLUSTER3 (40, 23)	0.000000	330.7200
ARCO_CLUSTER3 (40, 24)	0.000000	60.84000
ARCO_CLUSTER3 (40, 25)	0.000000	16.84800
ARCO_CLUSTER3 (40, 26)	0.000000	67.08000
ARCO_CLUSTER3 (40, 27)	0.000000	31.82400
ARCO_CLUSTER3 (40, 28)	0.000000	17.47200
ARCO_CLUSTER3 (40, 29)	0.000000	26.20800
ARCO_CLUSTER3 (40, 30)	0.000000	39.62400
ARCO_CLUSTER3 (40, 31)	0.000000	45.86400
ARCO_CLUSTER3 (40, 32)	0.000000	106.7040
ARCO_CLUSTER3 (40, 33)	0.000000	72.07200
ARCO_CLUSTER3 (40, 34)	0.000000	49.29600
ARCO_CLUSTER3 (40, 35)	0.000000	31.51200
ARCO_CLUSTER3 (40, 36)	0.000000	129.4800
ARCO_CLUSTER3 (40, 37)	0.000000	125.4240
ARCO_CLUSTER3 (40, 38)	0.000000	75.81600
ARCO_CLUSTER3 (40, 39)	0.000000	13.72800
ARCO_CLUSTER3 (40, 40)	0.000000	0.000000
ARCO_CLUSTER3 (40, 41)	0.000000	50.85600
ARCO_CLUSTER3 (41, 1)	0.000000	31.51200
ARCO_CLUSTER3 (41, 2)	0.000000	58.96800
ARCO_CLUSTER3 (41, 3)	0.000000	51.16800
ARCO_CLUSTER3 (41, 4)	0.000000	2.184000
ARCO_CLUSTER3 (41, 5)	0.000000	7.488000
ARCO_CLUSTER3 (41, 6)	0.000000	34.00800
ARCO_CLUSTER3 (41, 7)	0.000000	51.79200
ARCO_CLUSTER3 (41, 8)	0.000000	33.07200
ARCO_CLUSTER3 (41, 9)	1.000000	1.248000
ARCO_CLUSTER3 (41, 10)	0.000000	34.63200
ARCO_CLUSTER3 (41, 11)	0.000000	2.496000
ARCO_CLUSTER3 (41, 12)	0.000000	20.28000
ARCO_CLUSTER3 (41, 13)	0.000000	21.52800
ARCO_CLUSTER3 (41, 14)	0.000000	32.13600
ARCO_CLUSTER3 (41, 15)	0.000000	108.2640
ARCO_CLUSTER3 (41, 16)	0.000000	15.91200
ARCO_CLUSTER3 (41, 17)	0.000000	60.52800
ARCO_CLUSTER3 (41, 18)	0.000000	43.68000
ARCO_CLUSTER3 (41, 19)	0.000000	78.62400
ARCO_CLUSTER3 (41, 20)	0.000000	107.6400
ARCO_CLUSTER3 (41, 21)	0.000000	17.47200
ARCO_CLUSTER3 (41, 22)	0.000000	24.64800
ARCO_CLUSTER3 (41, 23)	0.000000	289.5360
ARCO_CLUSTER3 (41, 24)	0.000000	10.92000
ARCO_CLUSTER3 (41, 25)	0.000000	34.94400
ARCO_CLUSTER3 (41, 26)	0.000000	26.83200
ARCO_CLUSTER3 (41, 27)	0.000000	30.26400
ARCO_CLUSTER3 (41, 28)	0.000000	43.05600
ARCO_CLUSTER3 (41, 29)	0.000000	30.26400
ARCO_CLUSTER3 (41, 30)	0.000000	50.54400
ARCO_CLUSTER3 (41, 31)	0.000000	57.40800
ARCO_CLUSTER3 (41, 32)	0.000000	65.83200
ARCO_CLUSTER3 (41, 33)	0.000000	31.82400
ARCO_CLUSTER3 (41, 34)	0.000000	3.744000
ARCO_CLUSTER3 (41, 35)	0.000000	30.88800
ARCO_CLUSTER3 (41, 36)	0.000000	88.60800
ARCO_CLUSTER3 (41, 37)	0.000000	60.52800
ARCO_CLUSTER3 (41, 38)	0.000000	35.88000
ARCO_CLUSTER3 (41, 39)	0.000000	40.24800
ARCO_CLUSTER3 (41, 40)	0.000000	47.11200
ARCO_CLUSTER3 (41, 41)	0.000000	0.000000

Row	Slack or Surplus	Dual Price
1	0.000000	0.000000
2	714.7296	-1.000000
3	0.000000	0.000000
4	0.000000	0.000000
5	0.000000	0.000000
6	0.000000	0.000000
7	0.000000	0.000000

8	0.000000	0.000000
9	0.000000	0.000000
10	0.000000	0.000000
11	0.000000	0.000000
12	0.000000	0.000000
13	0.000000	0.000000
14	0.000000	0.000000
15	0.000000	0.000000
16	0.000000	0.000000
17	0.000000	0.000000
18	0.000000	0.000000
19	0.000000	0.000000
20	0.000000	0.000000
21	0.000000	0.000000
22	0.000000	0.000000
23	0.000000	0.000000
24	0.000000	0.000000
25	0.000000	0.000000
26	0.000000	0.000000
27	0.000000	0.000000
28	0.000000	0.000000
29	0.000000	0.000000
30	0.000000	0.000000
31	0.000000	0.000000
32	0.000000	0.000000
33	0.000000	0.000000
34	0.000000	0.000000
35	0.000000	0.000000
36	0.000000	0.000000
37	0.000000	0.000000
38	0.000000	0.000000
39	0.000000	0.000000
40	0.000000	0.000000
41	0.000000	0.000000
42	0.000000	0.000000
43	0.000000	0.000000
44	0.000000	0.000000
45	0.000000	0.000000
46	0.000000	0.000000
47	0.000000	0.000000
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52	0.000000	0.000000
53	0.000000	0.000000
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63	0.000000	0.000000
64	0.000000	0.000000
65	0.000000	0.000000
66	0.000000	0.000000
67	0.000000	0.000000
68	0.000000	0.000000
69	0.000000	0.000000
70	0.000000	0.000000
71	0.000000	0.000000
72	0.000000	0.000000
73	0.000000	0.000000
74	0.000000	0.000000
75	0.000000	0.000000
76	0.000000	0.000000
77	0.000000	0.000000
78	0.000000	0.000000

79	0.000000	0.000000
80	0.000000	0.000000
81	0.000000	0.000000
82	0.000000	0.000000
83	0.000000	0.000000
84	0.000000	0.000000
85	40.000000	0.000000
86	45.000000	0.000000
87	61.000000	0.000000
88	60.000000	0.000000
89	51.000000	0.000000
90	39.000000	0.000000
91	50.000000	0.000000
92	65.000000	0.000000
93	30.000000	0.000000
94	62.000000	0.000000
95	57.000000	0.000000
96	56.000000	0.000000
97	68.000000	0.000000
98	43.000000	0.000000
99	59.000000	0.000000
100	0.000000	0.000000
101	47.000000	0.000000
102	42.000000	0.000000
103	35.000000	0.000000
104	58.000000	0.000000
105	55.000000	0.000000
106	36.000000	0.000000
107	67.000000	0.000000
108	49.000000	0.000000
109	69.000000	0.000000
110	54.000000	0.000000
111	46.000000	0.000000
112	52.000000	0.000000
113	38.000000	0.000000
114	37.000000	0.000000
115	32.000000	0.000000
116	29.000000	0.000000
117	66.000000	0.000000
118	53.000000	0.000000
119	34.000000	0.000000
120	33.000000	0.000000
121	31.000000	0.000000
122	48.000000	0.000000
123	44.000000	0.000000
124	63.000000	0.000000
125	35.000000	0.000000
126	40.000000	0.000000
127	56.000000	0.000000
128	55.000000	0.000000
129	46.000000	0.000000
130	34.000000	0.000000
131	45.000000	0.000000
132	60.000000	0.000000
133	25.000000	0.000000
134	57.000000	0.000000
135	52.000000	0.000000
136	51.000000	0.000000
137	63.000000	0.000000
138	38.000000	0.000000
139	54.000000	0.000000
140	36.000000	0.000000
141	42.000000	0.000000
142	37.000000	0.000000
143	30.000000	0.000000
144	53.000000	0.000000
145	50.000000	0.000000
146	31.000000	0.000000
147	62.000000	0.000000
148	44.000000	0.000000
149	64.000000	0.000000

150	49.00000	0.000000
151	0.000000	0.000000
152	47.00000	0.000000
153	33.00000	0.000000
154	32.00000	0.000000
155	27.00000	0.000000
156	24.00000	0.000000
157	61.00000	0.000000
158	48.00000	0.000000
159	29.00000	0.000000
160	28.00000	0.000000
161	26.00000	0.000000
162	43.00000	0.000000
163	39.00000	0.000000
164	58.00000	0.000000
165	19.00000	0.000000
166	24.00000	0.000000
167	40.00000	0.000000
168	39.00000	0.000000
169	30.00000	0.000000
170	18.00000	0.000000
171	29.00000	0.000000
172	44.00000	0.000000
173	9.000000	0.000000
174	0.000000	0.000000
175	36.00000	0.000000
176	35.00000	0.000000
177	47.00000	0.000000
178	22.00000	0.000000
179	38.00000	0.000000
180	20.00000	0.000000
181	26.00000	0.000000
182	21.00000	0.000000
183	14.00000	0.000000
184	37.00000	0.000000
185	34.00000	0.000000
186	15.00000	0.000000
187	46.00000	0.000000
188	28.00000	0.000000
189	48.00000	0.000000
190	33.00000	0.000000
191	25.00000	0.000000
192	31.00000	0.000000
193	17.00000	0.000000
194	16.00000	0.000000
195	11.00000	0.000000
196	8.000000	0.000000
197	45.00000	0.000000
198	32.00000	0.000000
199	13.00000	0.000000
200	12.00000	0.000000
201	10.00000	0.000000
202	27.00000	0.000000
203	23.00000	0.000000
204	42.00000	0.000000
205	20.00000	0.000000
206	25.00000	0.000000
207	0.000000	0.000000
208	40.00000	0.000000
209	31.00000	0.000000
210	19.00000	0.000000
211	30.00000	0.000000
212	45.00000	0.000000
213	10.00000	0.000000
214	42.00000	0.000000
215	37.00000	0.000000
216	36.00000	0.000000
217	48.00000	0.000000
218	23.00000	0.000000
219	39.00000	0.000000
220	21.00000	0.000000

221	27.00000	0.000000
222	22.00000	0.000000
223	15.00000	0.000000
224	38.00000	0.000000
225	35.00000	0.000000
226	16.00000	0.000000
227	47.00000	0.000000
228	29.00000	0.000000
229	49.00000	0.000000
230	34.00000	0.000000
231	26.00000	0.000000
232	32.00000	0.000000
233	18.00000	0.000000
234	17.00000	0.000000
235	12.00000	0.000000
236	9.000000	0.000000
237	46.00000	0.000000
238	33.00000	0.000000
239	14.00000	0.000000
240	13.00000	0.000000
241	11.00000	0.000000
242	28.00000	0.000000
243	24.00000	0.000000
244	43.00000	0.000000
245	29.00000	0.000000
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247	50.00000	0.000000
248	49.00000	0.000000
249	40.00000	0.000000
250	28.00000	0.000000
251	39.00000	0.000000
252	54.00000	0.000000
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255	46.00000	0.000000
256	45.00000	0.000000
257	57.00000	0.000000
258	32.00000	0.000000
259	48.00000	0.000000
260	30.00000	0.000000
261	36.00000	0.000000
262	31.00000	0.000000
263	24.00000	0.000000
264	47.00000	0.000000
265	44.00000	0.000000
266	25.00000	0.000000
267	56.00000	0.000000
268	38.00000	0.000000
269	58.00000	0.000000
270	43.00000	0.000000
271	35.00000	0.000000
272	0.000000	0.000000
273	27.00000	0.000000
274	26.00000	0.000000
275	21.00000	0.000000
276	18.00000	0.000000
277	55.00000	0.000000
278	42.00000	0.000000
279	23.00000	0.000000
280	22.00000	0.000000
281	20.00000	0.000000
282	37.00000	0.000000
283	33.00000	0.000000
284	52.00000	0.000000
285	0.000000	0.000000
286	46.00000	0.000000
287	62.00000	0.000000
288	61.00000	0.000000
289	52.00000	0.000000
290	40.00000	0.000000
291	51.00000	0.000000

292	66.00000	0.000000
293	31.00000	0.000000
294	63.00000	0.000000
295	58.00000	0.000000
296	57.00000	0.000000
297	69.00000	0.000000
298	44.00000	0.000000
299	60.00000	0.000000
300	42.00000	0.000000
301	48.00000	0.000000
302	43.00000	0.000000
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304	59.00000	0.000000
305	56.00000	0.000000
306	37.00000	0.000000
307	68.00000	0.000000
308	50.00000	0.000000
309	70.00000	0.000000
310	55.00000	0.000000
311	47.00000	0.000000
312	53.00000	0.000000
313	39.00000	0.000000
314	38.00000	0.000000
315	33.00000	0.000000
316	30.00000	0.000000
317	67.00000	0.000000
318	54.00000	0.000000
319	35.00000	0.000000
320	34.00000	0.000000
321	32.00000	0.000000
322	49.00000	0.000000
323	45.00000	0.000000
324	64.00000	0.000000
325	30.00000	0.000000
326	35.00000	0.000000
327	51.00000	0.000000
328	50.00000	0.000000
329	0.000000	0.000000
330	29.00000	0.000000
331	40.00000	0.000000
332	55.00000	0.000000
333	20.00000	0.000000
334	52.00000	0.000000
335	47.00000	0.000000
336	46.00000	0.000000
337	58.00000	0.000000
338	33.00000	0.000000
339	49.00000	0.000000
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341	37.00000	0.000000
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344	48.00000	0.000000
345	45.00000	0.000000
346	26.00000	0.000000
347	57.00000	0.000000
348	39.00000	0.000000
349	59.00000	0.000000
350	44.00000	0.000000
351	36.00000	0.000000
352	42.00000	0.000000
353	28.00000	0.000000
354	27.00000	0.000000
355	22.00000	0.000000
356	19.00000	0.000000
357	56.00000	0.000000
358	43.00000	0.000000
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360	23.00000	0.000000
361	21.00000	0.000000
362	38.00000	0.000000

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364	53.00000	0.000000
365	15.00000	0.000000
366	20.00000	0.000000
367	36.00000	0.000000
368	35.00000	0.000000
369	26.00000	0.000000
370	14.00000	0.000000
371	25.00000	0.000000
372	40.00000	0.000000
373	5.000000	0.000000
374	37.00000	0.000000
375	32.00000	0.000000
376	31.00000	0.000000
377	43.00000	0.000000
378	18.00000	0.000000
379	34.00000	0.000000
380	16.00000	0.000000
381	22.00000	0.000000
382	17.00000	0.000000
383	10.00000	0.000000
384	33.00000	0.000000
385	30.00000	0.000000
386	11.00000	0.000000
387	42.00000	0.000000
388	24.00000	0.000000
389	44.00000	0.000000
390	29.00000	0.000000
391	21.00000	0.000000
392	27.00000	0.000000
393	13.00000	0.000000
394	12.00000	0.000000
395	7.000000	0.000000
396	4.000000	0.000000
397	0.000000	0.000000
398	28.00000	0.000000
399	9.000000	0.000000
400	8.000000	0.000000
401	6.000000	0.000000
402	23.00000	0.000000
403	19.00000	0.000000
404	38.00000	0.000000
405	50.00000	0.000000
406	55.00000	0.000000
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1128	54.000000	0.000000
1129	45.000000	0.000000
1130	33.000000	0.000000
1131	44.000000	0.000000
1132	59.000000	0.000000
1133	24.000000	0.000000
1134	56.000000	0.000000
1135	51.000000	0.000000
1136	50.000000	0.000000
1137	62.000000	0.000000
1138	37.000000	0.000000
1139	53.000000	0.000000
1140	35.000000	0.000000
1141	0.000000	0.000000
1142	36.000000	0.000000
1143	29.000000	0.000000

1144	52.00000	0.000000
1145	49.00000	0.000000
1146	30.00000	0.000000
1147	61.00000	0.000000
1148	43.00000	0.000000
1149	63.00000	0.000000
1150	48.00000	0.000000
1151	40.00000	0.000000
1152	46.00000	0.000000
1153	32.00000	0.000000
1154	31.00000	0.000000
1155	26.00000	0.000000
1156	23.00000	0.000000
1157	60.00000	0.000000
1158	47.00000	0.000000
1159	28.00000	0.000000
1160	27.00000	0.000000
1161	25.00000	0.000000
1162	42.00000	0.000000
1163	38.00000	0.000000
1164	57.00000	0.000000
1165	28.00000	0.000000
1166	33.00000	0.000000
1167	49.00000	0.000000
1168	48.00000	0.000000
1169	39.00000	0.000000
1170	27.00000	0.000000
1171	38.00000	0.000000
1172	53.00000	0.000000
1173	18.00000	0.000000
1174	50.00000	0.000000
1175	45.00000	0.000000
1176	44.00000	0.000000
1177	56.00000	0.000000
1178	31.00000	0.000000
1179	47.00000	0.000000
1180	29.00000	0.000000
1181	35.00000	0.000000
1182	30.00000	0.000000
1183	23.00000	0.000000
1184	46.00000	0.000000
1185	43.00000	0.000000
1186	24.00000	0.000000
1187	55.00000	0.000000
1188	37.00000	0.000000
1189	57.00000	0.000000
1190	42.00000	0.000000
1191	34.00000	0.000000
1192	40.00000	0.000000
1193	26.00000	0.000000
1194	25.00000	0.000000
1195	20.00000	0.000000
1196	17.00000	0.000000
1197	54.00000	0.000000
1198	0.000000	0.000000
1199	22.00000	0.000000
1200	21.00000	0.000000
1201	19.00000	0.000000
1202	36.00000	0.000000
1203	32.00000	0.000000
1204	51.00000	0.000000
1205	42.00000	0.000000
1206	47.00000	0.000000
1207	63.00000	0.000000
1208	62.00000	0.000000
1209	53.00000	0.000000
1210	0.000000	0.000000
1211	52.00000	0.000000
1212	67.00000	0.000000
1213	32.00000	0.000000
1214	64.00000	0.000000

1215	59.00000	0.000000
1216	58.00000	0.000000
1217	70.00000	0.000000
1218	45.00000	0.000000
1219	61.00000	0.000000
1220	43.00000	0.000000
1221	49.00000	0.000000
1222	44.00000	0.000000
1223	37.00000	0.000000
1224	60.00000	0.000000
1225	57.00000	0.000000
1226	38.00000	0.000000
1227	69.00000	0.000000
1228	51.00000	0.000000
1229	71.00000	0.000000
1230	56.00000	0.000000
1231	48.00000	0.000000
1232	54.00000	0.000000
1233	40.00000	0.000000
1234	39.00000	0.000000
1235	34.00000	0.000000
1236	31.00000	0.000000
1237	68.00000	0.000000
1238	55.00000	0.000000
1239	36.00000	0.000000
1240	35.00000	0.000000
1241	33.00000	0.000000
1242	50.00000	0.000000
1243	46.00000	0.000000
1244	65.00000	0.000000
1245	43.00000	0.000000
1246	48.00000	0.000000
1247	64.00000	0.000000
1248	63.00000	0.000000
1249	54.00000	0.000000
1250	42.00000	0.000000
1251	53.00000	0.000000
1252	68.00000	0.000000
1253	33.00000	0.000000
1254	65.00000	0.000000
1255	60.00000	0.000000
1256	59.00000	0.000000
1257	71.00000	0.000000
1258	46.00000	0.000000
1259	62.00000	0.000000
1260	44.00000	0.000000
1261	50.00000	0.000000
1262	45.00000	0.000000
1263	38.00000	0.000000
1264	61.00000	0.000000
1265	58.00000	0.000000
1266	39.00000	0.000000
1267	70.00000	0.000000
1268	52.00000	0.000000
1269	72.00000	0.000000
1270	57.00000	0.000000
1271	49.00000	0.000000
1272	55.00000	0.000000
1273	0.000000	0.000000
1274	40.00000	0.000000
1275	35.00000	0.000000
1276	32.00000	0.000000
1277	69.00000	0.000000
1278	56.00000	0.000000
1279	37.00000	0.000000
1280	36.00000	0.000000
1281	34.00000	0.000000
1282	51.00000	0.000000
1283	47.00000	0.000000
1284	66.00000	0.000000
1285	48.00000	0.000000

1286	53.00000	0.000000
1287	69.00000	0.000000
1288	68.00000	0.000000
1289	59.00000	0.000000
1290	47.00000	0.000000
1291	58.00000	0.000000
1292	73.00000	0.000000
1293	38.00000	0.000000
1294	70.00000	0.000000
1295	65.00000	0.000000
1296	64.00000	0.000000
1297	76.00000	0.000000
1298	51.00000	0.000000
1299	67.00000	0.000000
1300	49.00000	0.000000
1301	55.00000	0.000000
1302	50.00000	0.000000
1303	43.00000	0.000000
1304	66.00000	0.000000
1305	63.00000	0.000000
1306	44.00000	0.000000
1307	75.00000	0.000000
1308	57.00000	0.000000
1309	77.00000	0.000000
1310	62.00000	0.000000
1311	54.00000	0.000000
1312	60.00000	0.000000
1313	46.00000	0.000000
1314	45.00000	0.000000
1315	40.00000	0.000000
1316	37.00000	0.000000
1317	74.00000	0.000000
1318	61.00000	0.000000
1319	42.00000	0.000000
1320	0.000000	0.000000
1321	39.00000	0.000000
1322	56.00000	0.000000
1323	52.00000	0.000000
1324	71.00000	0.000000
1325	51.00000	0.000000
1326	56.00000	0.000000
1327	72.00000	0.000000
1328	71.00000	0.000000
1329	62.00000	0.000000
1330	50.00000	0.000000
1331	61.00000	0.000000
1332	76.00000	0.000000
1333	0.000000	0.000000
1334	73.00000	0.000000
1335	68.00000	0.000000
1336	67.00000	0.000000
1337	79.00000	0.000000
1338	54.00000	0.000000
1339	70.00000	0.000000
1340	52.00000	0.000000
1341	58.00000	0.000000
1342	53.00000	0.000000
1343	46.00000	0.000000
1344	69.00000	0.000000
1345	66.00000	0.000000
1346	47.00000	0.000000
1347	78.00000	0.000000
1348	60.00000	0.000000
1349	80.00000	0.000000
1350	65.00000	0.000000
1351	57.00000	0.000000
1352	63.00000	0.000000
1353	49.00000	0.000000
1354	48.00000	0.000000
1355	43.00000	0.000000
1356	40.00000	0.000000

1357	77.00000	0.000000
1358	64.00000	0.000000
1359	45.00000	0.000000
1360	44.00000	0.000000
1361	42.00000	0.000000
1362	59.00000	0.000000
1363	55.00000	0.000000
1364	74.00000	0.000000
1365	14.00000	0.000000
1366	19.00000	0.000000
1367	35.00000	0.000000
1368	34.00000	0.000000
1369	25.00000	0.000000
1370	13.00000	0.000000
1371	24.00000	0.000000
1372	39.00000	0.000000
1373	4.000000	0.000000
1374	36.00000	0.000000
1375	31.00000	0.000000
1376	30.00000	0.000000
1377	42.00000	0.000000
1378	17.00000	0.000000
1379	33.00000	0.000000
1380	15.00000	0.000000
1381	21.00000	0.000000
1382	16.00000	0.000000
1383	9.000000	0.000000
1384	32.00000	0.000000
1385	29.00000	0.000000
1386	10.00000	0.000000
1387	0.000000	0.000000
1388	23.00000	0.000000
1389	43.00000	0.000000
1390	28.00000	0.000000
1391	20.00000	0.000000
1392	26.00000	0.000000
1393	12.00000	0.000000
1394	11.00000	0.000000
1395	6.000000	0.000000
1396	3.000000	0.000000
1397	40.00000	0.000000
1398	27.00000	0.000000
1399	8.000000	0.000000
1400	7.000000	0.000000
1401	5.000000	0.000000
1402	22.00000	0.000000
1403	18.00000	0.000000
1404	37.00000	0.000000
1405	27.00000	0.000000
1406	32.00000	0.000000
1407	48.00000	0.000000
1408	47.00000	0.000000
1409	38.00000	0.000000
1410	26.00000	0.000000
1411	37.00000	0.000000
1412	52.00000	0.000000
1413	17.00000	0.000000
1414	49.00000	0.000000
1415	44.00000	0.000000
1416	43.00000	0.000000
1417	55.00000	0.000000
1418	30.00000	0.000000
1419	46.00000	0.000000
1420	28.00000	0.000000
1421	34.00000	0.000000
1422	29.00000	0.000000
1423	22.00000	0.000000
1424	45.00000	0.000000
1425	42.00000	0.000000
1426	23.00000	0.000000
1427	54.00000	0.000000

1428	36.00000	0.000000
1429	56.00000	0.000000
1430	0.000000	0.000000
1431	33.00000	0.000000
1432	39.00000	0.000000
1433	25.00000	0.000000
1434	24.00000	0.000000
1435	19.00000	0.000000
1436	16.00000	0.000000
1437	53.00000	0.000000
1438	40.00000	0.000000
1439	21.00000	0.000000
1440	20.00000	0.000000
1441	18.00000	0.000000
1442	35.00000	0.000000
1443	31.00000	0.000000
1444	50.00000	0.000000
1445	46.00000	0.000000
1446	51.00000	0.000000
1447	67.00000	0.000000
1448	66.00000	0.000000
1449	57.00000	0.000000
1450	45.00000	0.000000
1451	56.00000	0.000000
1452	71.00000	0.000000
1453	36.00000	0.000000
1454	68.00000	0.000000
1455	63.00000	0.000000
1456	62.00000	0.000000
1457	74.00000	0.000000
1458	49.00000	0.000000
1459	65.00000	0.000000
1460	47.00000	0.000000
1461	53.00000	0.000000
1462	48.00000	0.000000
1463	0.000000	0.000000
1464	64.00000	0.000000
1465	61.00000	0.000000
1466	42.00000	0.000000
1467	73.00000	0.000000
1468	55.00000	0.000000
1469	75.00000	0.000000
1470	60.00000	0.000000
1471	52.00000	0.000000
1472	58.00000	0.000000
1473	44.00000	0.000000
1474	43.00000	0.000000
1475	38.00000	0.000000
1476	35.00000	0.000000
1477	72.00000	0.000000
1478	59.00000	0.000000
1479	40.00000	0.000000
1480	39.00000	0.000000
1481	37.00000	0.000000
1482	54.00000	0.000000
1483	50.00000	0.000000
1484	69.00000	0.000000
1485	47.00000	0.000000
1486	52.00000	0.000000
1487	68.00000	0.000000
1488	67.00000	0.000000
1489	58.00000	0.000000
1490	46.00000	0.000000
1491	57.00000	0.000000
1492	72.00000	0.000000
1493	37.00000	0.000000
1494	69.00000	0.000000
1495	64.00000	0.000000
1496	63.00000	0.000000
1497	75.00000	0.000000
1498	50.00000	0.000000

1499	66.00000	0.000000
1500	48.00000	0.000000
1501	54.00000	0.000000
1502	49.00000	0.000000
1503	42.00000	0.000000
1504	65.00000	0.000000
1505	62.00000	0.000000
1506	43.00000	0.000000
1507	74.00000	0.000000
1508	56.00000	0.000000
1509	76.00000	0.000000
1510	61.00000	0.000000
1511	53.00000	0.000000
1512	59.00000	0.000000
1513	45.00000	0.000000
1514	44.00000	0.000000
1515	39.00000	0.000000
1516	36.00000	0.000000
1517	73.00000	0.000000
1518	60.00000	0.000000
1519	0.000000	0.000000
1520	40.00000	0.000000
1521	38.00000	0.000000
1522	55.00000	0.000000
1523	51.00000	0.000000
1524	70.00000	0.000000
1525	49.00000	0.000000
1526	54.00000	0.000000
1527	70.00000	0.000000
1528	69.00000	0.000000
1529	60.00000	0.000000
1530	48.00000	0.000000
1531	59.00000	0.000000
1532	74.00000	0.000000
1533	39.00000	0.000000
1534	71.00000	0.000000
1535	66.00000	0.000000
1536	65.00000	0.000000
1537	77.00000	0.000000
1538	52.00000	0.000000
1539	68.00000	0.000000
1540	50.00000	0.000000
1541	56.00000	0.000000
1542	51.00000	0.000000
1543	44.00000	0.000000
1544	67.00000	0.000000
1545	64.00000	0.000000
1546	45.00000	0.000000
1547	76.00000	0.000000
1548	58.00000	0.000000
1549	78.00000	0.000000
1550	63.00000	0.000000
1551	55.00000	0.000000
1552	61.00000	0.000000
1553	47.00000	0.000000
1554	46.00000	0.000000
1555	0.000000	0.000000
1556	38.00000	0.000000
1557	75.00000	0.000000
1558	62.00000	0.000000
1559	43.00000	0.000000
1560	42.00000	0.000000
1561	40.00000	0.000000
1562	57.00000	0.000000
1563	53.00000	0.000000
1564	72.00000	0.000000
1565	32.00000	0.000000
1566	37.00000	0.000000
1567	53.00000	0.000000
1568	52.00000	0.000000
1569	43.00000	0.000000

1570	31.00000	0.000000
1571	42.00000	0.000000
1572	57.00000	0.000000
1573	22.00000	0.000000
1574	54.00000	0.000000
1575	49.00000	0.000000
1576	48.00000	0.000000
1577	60.00000	0.000000
1578	35.00000	0.000000
1579	51.00000	0.000000
1580	33.00000	0.000000
1581	39.00000	0.000000
1582	34.00000	0.000000
1583	27.00000	0.000000
1584	50.00000	0.000000
1585	47.00000	0.000000
1586	28.00000	0.000000
1587	59.00000	0.000000
1588	0.000000	0.000000
1589	61.00000	0.000000
1590	46.00000	0.000000
1591	38.00000	0.000000
1592	44.00000	0.000000
1593	30.00000	0.000000
1594	29.00000	0.000000
1595	24.00000	0.000000
1596	21.00000	0.000000
1597	58.00000	0.000000
1598	45.00000	0.000000
1599	26.00000	0.000000
1600	25.00000	0.000000
1601	23.00000	0.000000
1602	40.00000	0.000000
1603	36.00000	0.000000
1604	55.00000	0.000000
1605	36.00000	0.000000
1606	0.000000	0.000000
1607	57.00000	0.000000
1608	56.00000	0.000000
1609	47.00000	0.000000
1610	35.00000	0.000000
1611	46.00000	0.000000
1612	61.00000	0.000000
1613	26.00000	0.000000
1614	58.00000	0.000000
1615	53.00000	0.000000
1616	52.00000	0.000000
1617	64.00000	0.000000
1618	39.00000	0.000000
1619	55.00000	0.000000
1620	37.00000	0.000000
1621	43.00000	0.000000
1622	38.00000	0.000000
1623	31.00000	0.000000
1624	54.00000	0.000000
1625	51.00000	0.000000
1626	32.00000	0.000000
1627	63.00000	0.000000
1628	45.00000	0.000000
1629	65.00000	0.000000
1630	50.00000	0.000000
1631	42.00000	0.000000
1632	48.00000	0.000000
1633	34.00000	0.000000
1634	33.00000	0.000000
1635	28.00000	0.000000
1636	25.00000	0.000000
1637	62.00000	0.000000
1638	49.00000	0.000000
1639	30.00000	0.000000

1640	29.00000	0.000000
1641	27.00000	0.000000
1642	44.00000	0.000000
1643	40.00000	0.000000
1644	59.00000	0.000000
1645	17.00000	0.000000
1646	22.00000	0.000000
1647	38.00000	0.000000
1648	37.00000	0.000000
1649	28.00000	0.000000
1650	16.00000	0.000000
1651	27.00000	0.000000
1652	1.000000	0.000000
1653	7.000000	0.000000
1654	39.00000	0.000000
1655	34.00000	0.000000
1656	33.00000	0.000000
1657	45.00000	0.000000
1658	20.00000	0.000000
1659	36.00000	0.000000
1660	18.00000	0.000000
1661	24.00000	0.000000
1662	19.00000	0.000000
1663	12.00000	0.000000
1664	35.00000	0.000000
1665	32.00000	0.000000
1666	13.00000	0.000000
1667	44.00000	0.000000
1668	26.00000	0.000000
1669	46.00000	0.000000
1670	31.00000	0.000000
1671	23.00000	0.000000
1672	29.00000	0.000000
1673	15.00000	0.000000
1674	14.00000	0.000000
1675	9.000000	0.000000
1676	6.000000	0.000000
1677	43.00000	0.000000
1678	30.00000	0.000000
1679	11.00000	0.000000
1680	10.00000	0.000000
1681	8.000000	0.000000
1682	25.00000	0.000000
1683	21.00000	0.000000
1684	40.00000	0.000000

Anexo 8. Matriz de tiempo con factor tráfico (cliente-cliente)

Tabla 32. Matriz de tiempo con factor tráfico (Parte 1)

Min	0	1	2	3	4	5	6	7	8	9	10	11	13	14	15	16	17	18	19	20	21	22	24	25	26	27	28	29	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	50	52	54	
0	0	2.37	46.2	61.9	21.2	66.9	0.23	35.3	23.8	26.2	27.5	84.6	94.5	123	42.7	23.4	13.1	53.7	39.1	81.7	0.72	19.7	17	26.4	17.3	54.3	97.2	21.8	20.5	46.8	41.4	52.8	111	37.2	41.3	39.1	9.6	36	5.52	25.4	8.7	63.5	34.6	64.3	50.6	48.6	60.3	32.6	
1	10.4	0	25.9	53.3	0.81	46.6	2.19	31.4	7.5	11.1	23.4	71.6	83.7	113	22.8	11.4	11.5	43.2	30.5	59.7	21.1	12.9	9	11.1	7.68	45.6	88.5	10.6	6.72	34.5	16.8	39	125	32.4	16.6	30.5	13.2	31.7	17	21.3	9.12	59.4	26.2	55.9	44.4	44.6	37	24	
2	42	20.9	0	31	23.8	37.4	34.3	3.81	10.1	7.44	10.2	38.2	55.8	84.6	9.45	13.2	7.95	12.7	8.4	58	36.5	12.2	15.1	14.4	30.7	27.4	61.7	36.9	24	34.8	18.7	26.4	95	26.1	14.7	7.44	40.3	8.4	34.3	10.2	26.4	76.1	4.08	33.4	15.2	32.7	32.2	9.36	
3	81.4	53.3	31.7	0	86.4	68.4	81.6	23.3	45.4	41.5	21.6	7.35	22.3	45.6	27.9	57.3	55.8	33.8	36.4	52.6	98.6	44.2	47	47	64.8	56.1	93.6	79.5	67.7	71.7	61	68.4	143	63	71.4	28.8	74.4	30.2	66.2	40.1	70.1	30.5	34.6	40.8	17.5	32.8	61.8	39.4	
4	21.2	0.87	29	85.5	0	52.2	11.1	53	13.7	17.5	40.1	76.3	103	132	24.3	10.1	13	47.4	42	53.7	34.6	14.4	12.9	9.6	3.75	39.6	82.5	8.64	2.4	27.9	13	38.4	124	31.8	15.8	33.6	8.88	34.6	16.1	13.7	3	98.2	29	71	47.5	92.6	45.6	19.2	
5	64.8	52.8	35.8	62.4	49.5	0	65.1	60	42.2	38.4	30.8	70.9	123	130	48.2	53.4	41.5	44.7	51	24.5	86.4	41.3	54.9	48.9	43.8	5.1	16.1	42.6	47.7	23.1	39.3	6.45	30.8	16.1	27.6	40.6	56.1	41.5	70.5	37	50.7	139	36	65.7	32.7	73.7	3	29.8	
6	0.39	2.58	36	63.4	12	67.2	0	36.2	25.2	27.6	27.9	86.8	118	147	43.7	25.2	22.3	55.5	50.4	68.7	0.66	21.1	23.1	28.2	13.8	54.6	97.5	13.8	17.5	47.4	41.7	53.4	139	46.8	41.8	37	9.84	37.9	6.72	33.6	9	64.2	36	83	52.1	49.5	60.6	34.1	
7	33.9	30	3.66	22.6	51.6	59.3	34.5	0	22.4	19.2	8.25	31.2	50.1	79.2	8.25	25.8	24.8	28.5	29.1	49.2	35.7	24.2	28.8	41.8	50.2	30.8	66.7	55	51.6	53.3	46.1	50.2	125	46.3	37	13.2	65.8	22.3	34.4	38.9	54	33.2	16.4	15.8	0.72	18.3	54	34.8	
8	25.7	7.8	12	44.2	15.6	43	26.4	23.9	0	0.57	15.6	58	72.3	101	24	3.9	0.42	31.8	26.7	54.9	17.7	0.33	4.05	7.44	17.7	32.9	67.2	21	19.5	41.7	14.6	31.7	100	26.4	17	14.4	22.1	15.4	26.2	7.68	18	52.1	12.5	45.1	20.3	37.2	37.7	14.9	
9	29.3	10.7	7.92	40.3	19.7	38.9	30	23	0.6	0	12	52.2	81	96.3	11.4	5.55	1.02	21.4	17.3	40.1	31.9	0.99	6.6	10.3	18.2	29	63.4	27.6	24.6	36.6	14.4	27.8	96.5	22.3	13.2	10.6	34.8	11.5	29.8	5.76	22.1	51	7.2	42.7	19.4	36.2	33.6	11	
10	27.2	21.3	10.2	22.6	47.8	31.2	27.5	10.5	13.7	11.1	0	31.5	64.1	82.5	0.21	16.5	17.7	19.2	16.8	45	46.1	27.6	21.9	27.6	43.2	25.1	39.6	42	46.1	50.4	33.1	38.9	60.3	33.4	24.2	5.1	52.8	6	43.9	21.4	48.5	39	8.25	21.6	6.9	24.2	44.6	22.1	
11	116	73.4	41	5.1	97.2	75.6	116	36.6	61.2	55.4	32.4	0	25.2	54.3	33.3	61.9	60.1	27	29.5	45.7	141	59.8	64.1	64.1	90.4	60.5	86.8	88.9	95	79.6	84.6	61.9	136	69.1	78.8	44.3	105	43.6	92.5	53.6	98.6	67.9	45.4	6.75	27.3	30.2	56.4	52.6	
13	118	83.7	56.7	23.8	104	124	119	59.7	73.5	82.4	64.1	31.8	0	25	54.3	88.9	67.5	54.4	56.5	60.6	168	86.8	91.1	91.1	117	72.9	91.4	116	122	107	112	88.9	163	96.1	106	71.3	132	70.6	120	80.6	126	49.4	72.4	24	48.6	29.8	78.9	79.6	
14	143	108	80.4	43	128	131	143	83.7	97.5	92.7	77.4	55.8	25.4	0	78.3	118	116	82.8	85.3	84.6	164	96.3	99.6	99.6	122	96.9	143	145	125	113	117	97.8	192	104	112	83.1	134	82.8	148	90.9	128	17.4	84	43.2	57.8	54.7	82.1	90	
15	43	33.8	10.1	29.4	29.6	49.7	43.4	10.7	21.4	11	0.21	32.4	54.6	83.4	0	25.9	27.8	20.2	10.4	46.2	45.6	27.1	34.6	27.4	42.7	24.8	40.2	41.8	45.8	50.1	32.9	38.4	60.9	32.9	32.9	23.8	4.95	52.3	5.7	43.4	21.1	48.2	38.4	7.95	22.6	7.35	24.3	44.4	21.6
16	29.4	9.9	21.8	61.5	10.8	59.7	30.3	28.7	3.6	6.9	20.4	65.5	94.3	129	31.7	0	3.15	37.8	32.7	61.2	32.7	2.4	3.6	4.2	9.6	37.9	90.3	15.3	11	33.9	12.7	45.9	105	39	15.8	26.4	17.5	27.4	30	8.88	13.4	59.7	21.8	64.5	40.6	67.2	42.5	19.9	
17	15.3	12.2	7.5	54.9	15.1	42.5	26.4	24	0.08	0.6	15.8	57.6	86.4	121	24.2	2.85	0	31.2	26.1	54.6	28.3	0.36	3.6	6	13.7	32.6	67	16.6	19.2	41.1	14.2	31.4	100	31.2	16.8	14.6	21.8	15.6	33	7.2	17.8	51.6	12	46.3	20.6	59.5	37.2	14.6	
18	56.4	40.8	12.5	34.6	44.7	45	57.3	35.7	30.9	20.9	19.9	25.6	55.1	89.6	21.4	31.5	30	0	4.8	23	59.7	29.4	3.3	33	39.8	32.4	54.3	48.6	44.7	46.5	37.5	33.6	95.7	31.7	20.9	10.2	55.4	10.1	57	19.4	38.2	69.4	18.7	38.2	13.1	46.6	30.7	18.7	
19	42.2	30	9.84	34.6	41.1	54.3	53.7	31.8	27.3	18	16.8	26.3	54.7	89.6	11	27.9	26.4	4.08	0	35.3	56.1	26.1	29.4	29.7	37.2	42	63.6	45	41.4	42.9	33.9	41.1	105	27.4	18.2	8.55	46.8	8.4	42.7	16.6	35.5	69.4	9.9	38.2	11	46.6	38.2	16.1	
20	85.7	59.1	41.8	50.8	56.1	30.5	71.7	54.9	59.1	43.7	48.9	46.8	59.4	88.5	51.3	59.7	58.5	29.5	30.2	0	93	57.9	61.5	55.2	50.4	20.4	31.2	49.2	54	41.4	54.7	21.4	64.3	25.9	32.6	45.6	62.4	53.6	91.8	63.4	57	120	61.6	54.4	54	86.6	31.5	43.5	
21	0.84	23.5	38.9	66.2	20.2	91.2	0.93	38	17.6	30.5	47.5	91.1	120	129	46.6	28.8	25.2	59.1	51	91.5	0	24	21.4	31.8	40.6	62.2	96.5	25.4	22.5	70.2	64.8	77.1	163	70.8	39.1	40.1	9.9	41	9.84	29.8	22.4	105	38.9	68.6	34.5	82.1	84.6	37	
22	23.3	13.8	12	43.4	17.4	42	24	24.6	0.26	0.84	26.6	56.9	85.7	100	25.4	2.25	0.17	30.6	25.8	54	25.9	0	0.6	6.9	12.5	32.2	66.5	19.2	14.2	40.5	13.7	31	99.6	31.8	16.3	16.1	25.8	17	23.8	6.72	16.6	89.8	16.1	45.8	21.5	61	36.7	14.2	
24	21.1	10.8	19.2	46.6	19.5	56.7	27	27.2	3.6	6.9	18.9	61.6	90.4	104	29.3	4.5	3.15	34.5	29.7	57.9	23.5	0.48	0	7.5	17.7	44.1	87	21.3	19.5	44.7	21.3	42.6	128	35.7	19.4	23.8	22.3	24.7	27	10.1	22.5	58.1	19.4	49	23.7	40.4	50.1	17.3	
25	34.2	10.2	20.4	47.8	10.8	52.8	34.5	49.2	8.4	11.5	33.8	63.4	92.2	106	32.6	5.4	7.2	36.3	31.2	54	54	7.5	8.1	0	9.6	32.2	83.1	12.2	10.8	30	9.84	31	99.6	25.9	11.8	24.5	11	25.4	30.6	7.2	13.2	58.5	20.2	49.7	41.5	44.1	37	12	
26	20.6	9.6	31	61.4	3.3	43.5	13.1	58.6	18	20.9	44.4	88.2	113	123	43.2	10.6	13.7	40.1	36	45	37.9	12.2	15.3	10.6	0	30.9	59	4.68	3.15	23.7	8.64	29.7	92.4	23.1	28.2	35.5	8.55	36.5	15.6	17	4.65	108	31.2	64.1	53.3	85.2	36.9	24.7	
27	56.4	44.4	29	54	41.1	6.3	56.7	33.3	35.5	31.7	26.6	60.8	71.1	100	26	36	34.8	36.3	42.6	17.5	62.4	34.3	46.5	32.2	35.4	0	14.4	34.2	39.3	17.7	30.9	2.1	35.3	14.4	20.9	33.6	47.7	34.8	49.2	30.2	42.3	112	29.3	45.8	45.6	83.7	3	23	
28	84.6	72.6	51.6	91.4	69.3	15.8	84.9	71	58.1	54.2	41.4	87.5	112	147	40.1	73.2	57.4	58.5	59.1	35.3	85	57.1	74.7	68.7	51.1	15.2	0	62.4	67.5	42.9	59.1	16.4	20.7	31.9	43.4	56.4	60.7	57.4	90	52.8	70.5	134	64.8	95	78.9	106	13.1	45.6	
29	21.6	12	37.5	75.6	9.36	42	13.7	57.1	21	30.3	43	86	111	145	41.8	16.5	16.1	48.3	43.2	42.9	24.3	18.6	18.6																										

Tabla 33. Matriz de tiempo con factor tráfico (Parte 2)

Min	55	57	65	66	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	92	93	94	95	96	97	98	100	101	102	103	106	107	108	110	111	112	115	116	117	121
0	97.2	39	32.4	42.2	50.7	127	14.2	27.5	140	68.7	3.84	41	59.7	50.2	40.6	31	10.4	15.4	85	28.6	54.3	92.9	87.1	40.6	18.9	42.9	43.7	103	47.8	164	0.45	95.1	166	13.4	41.5	29.9	45	26.6	0.81	30	33.3	27.1	17.7	19.9	41.5	34.6	22.8	65.7
1	86.7	46.7	26.2	37.2	39.9	134	9.6	37.7	105	48.2	16.6	32.6	47.4	42.2	34.1	15.8	10.6	0.42	72	11	40.2	79.9	70.6	32.2	26.4	25.9	35.3	86	41.5	150	18.2	89.1	152	15.3	32.4	37.5	30.9	24	21.4	41.5	46.8	12	7.8	13.2	16.6	25.9	7.44	55.2
2	58.5	100	9.84	8.88	11.5	240	19.2	10.2	95.8	39.1	30.5	6.45	45	14.1	8.4	13.2	27.8	20.6	38.5	14.9	32.7	46.4	40.7	6	67.9	0.3	13	56.2	19	115	34.3	60.9	117	13.4	6.15	85.7	24	82.6	37.2	14.1	17.3	13.4	17.5	12.7	14.7	5.76	29.5	27
3	24	134	31.2	30	35.6	274	51.1	23.5	120	70.5	62.4	33.1	82.2	13	23.8	40.6	87.3	52.6	7.5	62.6	65.4	6.9	53.6	33.8	102	30.2	24.6	69.1	28.5	174	66.2	27.8	176	48.2	24.5	120	77.8	117	99.4	22.1	26.4	45.8	49.4	44.6	71.4	31	63.6	21.2
4	106	44	29.3	40.3	43.8	131	14.9	40.6	125	54.3	15.4	35.5	40.5	45.4	37.2	15.1	6.24	7.68	76.7	10.6	39.6	103	58.2	35	23.9	28.8	38.4	70.8	44.4	150	17.3	108	152	14.6	35.3	34.8	30.3	21.3	35.5	44.6	49.9	11.5	15.9	15	16.1	29	3.3	58.8
5	99	131	41.8	27	41.4	306	60.3	30.9	31.2	2.85	68.4	40.3	15.8	29.7	29	29.8	50.4	57	71.3	41.4	7.35	74.9	34.8	37.9	90.6	37	37.9	48	35.8	69.8	87	84.9	71.3	56.4	26.7	113	22.3	106	87.3	55.4	37.8	42.6	57.9	41.5	27.6	16.7	42.3	51.9
6	121	38.1	33.8	43.7	52.5	126	15.4	28.4	140	69.3	5.04	42.5	60	51.6	41.8	35.3	10.5	16.6	87.1	35	54.6	121	87.8	42	17.9	35.8	45.4	103	51.4	165	0.45	123	167	22.8	43	28.8	45.3	25.5	0.75	30.8	34.1	28.6	19.5	21.4	41.8	36	14	67.5
7	43	78.6	2.91	22.1	29.1	167	29	1.53	101	61	32	13.5	61.4	6.3	12.3	36	55.7	30.3	31.5	45.8	56.6	37.5	60.1	14.3	58.4	3.69	11.4	75.6	16.8	120	34.4	47	122	23.4	21.4	69.5	44.6	66.2	36.2	0.9	1.14	44.6	28.5	24.2	37.2	186	49.9	36.9
8	75.3	83.5	12.2	20.9	28.5	224	9.6	25.7	101	44.6	22.3	23.3	51.9	31.9	22.3	11.8	19.7	7.5	58.3	10.8	31.7	66.2	58	23	51.4	13	26.2	73.4	32.2	121	16.4	62.2	122	2.25	23.8	68.9	24.7	47.3	18.2	29.8	21.9	9.36	5.7	0.33	17.3	16.8	17.1	43.8
9	70.2	94.8	11.5	15.4	19	235	14.9	19.4	97.2	40.6	25.9	19.4	47.1	25.7	16.3	9.12	23.8	10.1	52.6	10.8	27.6	60.5	43.2	19	62.4	8.88	22.3	67.3	28.3	117	29.8	58.1	118	6.96	19.9	79.9	20.6	51.4	32.6	28.1	20.9	9.36	8.25	10.2	13.2	13	38.7	
10	43.2	113	1.32	6.3	18.7	159	21.9	0.36	60.9	32.3	40.1	16.8	60.9	8.4	3.3	23	48.2	37.4	31.5	27.1	38.6	37.8	45.9	15.1	80.6	8.25	10.8	70.6	14.7	73.2	43.7	47	74.1	14.6	8.4	98.2	31.7	92.9	46.8	5.55	8.7	26.6	34.3	27.4	24.2	11.1	42	26.2
11	27.9	163	40.2	31.8	29.2	268	58.5	27.8	138	78.1	72.3	26.6	91.8	25.9	34.2	54	81.6	72	0	87.1	71.6	81	46.8	27.4	122	38.5	65.9	62.3	20.2	167	92.5	24.5	170	54.9	29.9	144	70.9	137	143	28.1	38.4	61.9	67.7	60.5	79.2	40	88.6	5.25
13	5.1	185	62.7	54.3	56.2	288	81	44.6	165	105	94.8	53.6	118	51.1	56.7	81.4	104	99	32.1	114	98.6	21.3	73.8	54.4	145	54.6	49.7	89.3	54.4	194	120	8.1	197	77.4	56.9	167	97.9	162	170	44.9	60.6	88.9	94.7	87.5	106	67	116	27.6
14	16.5	167	69.4	62.6	84.6	307	84	63.8	161	111	95	68.4	147	66.6	64.3	91.5	102	107	56.1	119	106	45	85.5	69	135	78.6	78.5	118	83.2	223	124	20.3	225	80.9	71.4	152	106	149	165	63.8	67.4	98.1	103	96.6	113	79.5	120	46.8
15	43.9	113	1.26	6.75	20.6	158	21.8	0.36	61.4	32	39.6	17.5	60.3	9.12	3.9	22.8	47.8	37	32.7	26.9	38.2	38.7	47.1	16.6	80.2	9.45	11.4	72	15.2	73.7	43.4	48	74.6	14.4	8.85	97.7	31.4	94.3	46.3	5.7	8.85	26.4	33.8	27.1	24	13.4	41.5	26.9
16	81.3	79	22.1	33.1	34.8	137	9.3	33.6	106	49.4	20.2	28.3	46.5	38.2	30.2	10.6	14.9	8.4	65.9	10.6	45.6	73.8	54.3	27.8	46.8	21.6	31.2	67.2	37.2	157	30	83.7	159	40.5	28.8	64.3	36.9	42.7	33.6	37.7	43	11.5	5.52	2.7	16.1	21.8	13.2	49.8
17	74.7	83.3	12.5	20.9	28.2	223	5.7	26.2	101	44.2	22.3	23	51.6	32.4	22.6	15.8	19.2	7.05	58	10.3	31.2	65.9	57.2	22.6	50.9	7.8	25.9	72.7	31.9	121	26.2	77.1	122	2.4	23.5	68.6	24.2	47	29.3	30	22.1	8.88	5.25	0.21	16.6	16.6	13.4	43.2
18	58.3	116	19.2	7.8	0.21	254	30.7	14.1	96.9	37.7	41.8	5.28	58.2	16.1	15.6	19.9	39.8	31.9	25.6	26.4	33.4	34.6	24.1	4.8	83.3	11.3	5.04	39.6	7.44	122	57	51	123	27.6	8.16	101	41.1	97.4	60.6	19.9	28.1	25.2	28.8	30	21.1	5.4	44.6	16.5
19	58.3	107	10.2	6	4.56	247	27.8	12.3	104	45.1	38.9	24.8	53.4	12.5	12.5	17	37	29	26.3	23.8	32.6	34.6	34.6	1.05	74.6	8.16	5.62	8.88	131	53.4	51	133	25	2.55	92.2	32.1	88.6	57	16.6	24.7	22.2	26.2	26.1	18.2	4.8	31.2	17.1	
20	74.5	137	70.2	47.9	25.6	312	79.9	63.4	65.3	47.9	90	36.4	61.6	47.2	50.8	52.6	56.7	76.3	47.2	47.7	34.8	50.8	8.28	32.4	97.2	39.2	32.8	24.1	29.5	85	93.6	77.8	86.4	63	40	119	27.4	115	93.9	58.3	67.3	58.7	77.4	58.5	32.9	34.6	48.9	38.2
21	103	7.89	37	46.8	44.9	25.4	18.2	48.5	164	93.3	7.92	45.4	84	54.7	45.1	38.2	23.3	19.4	91.4	32.9	78.6	82.8	96.9	44.9	3.84	38.6	48.2	132	54.2	151	0.42	126	152	30	45.8	6.03	69.3	5.61	0.15	52.6	36	39.3	23.1	24.2	39.1	38.9	41.5	71.1
22	74.1	82.1	13.7	27.4	22.1	222	7.68	27.4	100	43.7	19.9	22.6	51	32.4	24	15.4	18	6.15	57.2	9.84	30.7	54.3	47.1	22.1	49.7	13.2	25.4	60.3	31.4	120	23.8	61.2	122	1.95	23	67.4	23.8	45.8	26.6	31.4	23	8.4	4.35	0.05	16.3	16.1	12.2	42.6
23	78	82.1	19.7	30.5	25.2	224	5.04	19.5	130	58.5	17.5	25.7	54.9	35.5	27.6	18.5	19.7	0.75	61.9	13.2	42.3	46.6	41	25.4	51.4	19.2	28.6	64.2	34.6	154	21.4	64.6	156	3.75	26.2	68.9	27.1	47.5	24.2	35	25.2	11.8	3.6	5.04	19.7	19.2	17.4	46.8
25	78.9	79	18.5	31.2	25.9	219	13.8	33.4	101	54.9	29.4	26.4	42.9	36.2	30.5	8.64	14.9	12.3	63	6.24	32.2	47.3	46.8	26.2	46.6	19.9	29.3	71.4	35.3	150	34.2	65.3	152	5.7	26.9	64.1	24.7	42.7	54.9	41	29	3.84	11.1	8.1	11.8	19.9	9.12	38.2
26	77.5	46.1	36.7	38.4	37.7	134	21	44.4	93.1	45.6	18.5	38.2	36.3	48	41.5	15.8	5.7	11.5	88.6	11.3	30.9	61.4	39.6	37.7	26	32.2	40.8	62.1	47.3	113	38.6	79.4	114	15.6	38.6	36.9	21.6	35	38.9	50.6	55.7	12.2	14.6	12.7	28.5	31.4	0.11	53
27	74.1	123	35	36.5	26.4	298	51.9	42.7	35.7	7.2	60	21	18	40.8	39.6	23	44.1	38.9	61.2	26.4	4.2	64.8	26.4	19.5	82.2	30.2	39	39.3	36.3	48	46.1	76.5	48.9	38.6	23	104	15.6	101	63.1	29	33.6	27.4	39.6	34.8	20.9	12.5	33.9	43.5
28	96	121	57.6	59	44.2	262	80.1	65.3	21.3	12.5	88.2	51.4	31.7	36.6	38.1	45.6	72.6	61.4	87.8	61.2	17.4	76.2	48.6	48.7	88.3	52.8	61.2	61.5	58.5	6.72	85.7	98.7	6.9	61.2	55	106	38.2	103	85.7	41.3	45	62.4	78	57.4	43.4	26.6	49.9	65.7
29	95.4	46.7	35.8	46.8	45.6	134	19.4	43.4	115	44.1	24.5	46.2	34.8	46.8	40.3	29.7	5.7	13.9	86.8	17.1	29.4	90.7	57.6	45																								

Tabla 35. Matriz de tiempo con factor tráfico (Parte 4)

Min	55	57	65	66	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	92	93	94	95	96	97	98	100	101	102	103	106	107	108	110	111	112	115	116	117	121
55	0	94.5	33.5	46.6	50.7	182	84.9	48	141	91.5	99	48.6	105	37.4	48.5	57.4	88.1	69.4	36	79.4	122	134	168	138	43.5	131	114	94	49.5	166	104	4.65	168	81.6	53.1	85.2	85.8	83.4	145	44.6	32.3	78	82.8	76.8	58.6	59.7	80.2	19.4
57	93.9	0	94.1	111	110	19.5	75.6	73.4	166	109	8.16	111	127	121	114	97.7	44.9	50.3	165	88.8	31.7	45	46.8	14.9	9.21	9.12	18	153	120	186	8.01	152	187	87.8	111	2.73	113	5.52	8.04	68.4	71.7	89.8	75.6	85	95.5	104	47.6	126
65	32.7	106	0	5.7	11.3	245	19.4	7.2	102	44.6	31.2	10.2	43.7	11.1	5.25	16.3	42.7	21.6	38.4	19.2	35.3	34.5	36.3	3.9	77	6.24	6	71.6	24.2	121	35	50.2	123	13.4	19.5	91.2	25	88.1	37.9	11	14.1	18	18.7	13.9	17.5	14.9	25.4	33.6
66	43.4	109	6	0	5.85	250	30.5	8.1	89.5	30.2	41.5	4.8	46.1	9	6	19.7	46.3	31.7	27.9	26.2	33.6	27	24.1	2.4	77	10.3	2.1	59	15.6	109	45.4	41.8	111	27.6	4.5	94.8	28.3	91.7	48.2	19	15	25	28.8	23.8	20.9	6.3	33.8	22.8
68	46.8	109	11.6	7.35	0	250	30.5	13.8	77.5	37.7	41.5	4.08	47	8.4	9.75	19.7	46.3	31.7	24.5	26.2	236	410	374	250	208	242	252	39.6	7.68	97.2	45.4	53.6	98.6	27.6	7.44	94.8	28.3	91.7	48.2	18.7	26.9	25	28.8	23.8	13.1	5.4	33.8	18.4
69	180	19.3	233	250	250	0	214	257	305	247	25.5	250	300	259	252	236	132	137	271	228	37.4	62.7	55.5	28.8	5.16	22.6	32.2	327	259	324	25.4	290	326	226	250	20.1	286	22.9	25.4	155	159	228	214	223	234	242	134	264
70	82.5	73.4	21.8	34.1	28.8	213	0	33.6	134	63	11.3	29.3	61.5	39.6	30	22.1	16.8	0.54	56.1	21	50.4	49.7	49.5	19.2	82.3	17.3	20.2	82.1	38.2	158	14.4	64.1	160	5.4	29.8	58.8	38.1	55.7	17.5	37.4	26.7	19.2	2.88	7.44	23	22.8	19.2	51
71	46.1	71.6	7.65	8.4	13.8	254	36.5	0	100	33.3	25.8	12.3	52.1	11.3	5.25	24.7	51.4	38.6	28.1	28.8	61.4	94.6	90.6	51.5	76.4	54	82.6	74.9	26.4	120	45.1	49.9	121	17.3	9.75	62.4	33.4	60.5	48	3.9	4.65	28.3	35.5	28.8	25.9	23.3	43.7	29
72	138	154	91.2	92.6	77.8	295	122	98.9	0	46.3	104	53.1	65.5	57.6	59.1	79.2	91.2	95	138	82.6	11	55.7	42	27.2	78.2	42.5	54.6	104	80.4	2.67	149	141	2.85	95	88.6	140	71.8	137	149	62.3	66	104	120	91.2	77	47.6	83.5	108
73	89.4	111	47.3	30.6	38.9	290	67.2	34.5	45.6	0	75.6	46.1	21.6	66.6	65.1	35.5	57.3	64.2	79.6	48.3	29	75.3	76.2	24.5	30.3	32.9	54.8	51.6	65.3	94.2	110	66.7	63.9	30.6	95.8	34.8	92.6	94.5	38.3	66.2	49.5	65.1	47.3	41.7	32.4	49.5	70.9	
74	95.4	7.86	29.5	39.4	38.9	25.4	11.8	25.7	115	72.3	0	39.6	63	47.3	37.7	32.2	12.2	13.7	68.7	33.6	42.9	35.6	37.4	2.4	9.54	8.4	5.76	107	60.6	134	3.84	93	136	22.8	39.8	6	48.6	5.61	6.72	28.2	31.5	25.7	12.7	18.5	33.4	32.9	25	63.9
75	49.5	109	9.3	5.1	6.96	250	29.5	10.7	53.6	45.8	40.8	0	57.6	10.6	6.6	19	45.4	30.7	27.4	25.4	13.9	88.9	56.2	5.28	67.4	22.8	47.3	52.9	11.8	65.9	44.4	47.1	66.8	26.9	0.48	93.8	27.4	90.7	47.5	9.15	22.8	24	27.8	23	12.5	5.85	32.9	21.6
76	94.2	125	41.3	43	42	300	59.7	49.2	64.8	19.2	73.8	53.4	0	52.6	57.6	36.9	45.9	50.7	85.3	34.5	63.6	33	51.5	21.3	114	29.4	18.6	59.4	56.4	84.5	80.7	116	85.9	56.4	43	107	27.3	103	81	55.2	60.2	35.7	57.6	51.6	34.2	45	36.3	63.6
77	39.4	123	13.4	13.1	10.8	264	44.2	13.9	59.3	68.7	50.9	15.6	60.7	0	8.7	33.4	60	45.4	32.4	40.1	36	42.3	49.3	12	77.8	6	8.25	55.8	20.9	71.6	54.7	43.4	72.5	37.2	9.6	108	42	105	57.6	8.16	8.4	38.6	42.5	37.7	34.6	14.9	47.5	23.5
78	46.8	110	4.8	6.24	9.3	250	31.9	5.1	58.4	61.2	37	7.95	59.7	7.65	0	20.4	47	34.1	32.7	24.5	19.9	48.3	45	10.8	61.9	7.35	12.9	53.7	19.4	70.7	40.6	63.6	71.6	20.6	5.7	95.3	29	92.4	43.7	14.2	12	24	31.2	24.2	21.6	14.4	39.1	22.1
79	54.5	94.1	16.6	18.2	17.3	234	23	24.2	89.5	32.9	34.1	17.8	39.6	27.6	21.1	0	20.9	18	50	5.52	29	98.6	54.9	42	37	25.6	34.1	57.9	26.6	109	37.9	52.8	111	13.9	18.2	79.4	13	76.3	59.3	30.2	35.3	5.04	21.4	11	3.84	11.3	15.1	29.3
80	81.8	43.4	41	42.7	42	131	18.5	49	97.4	51	9.75	42.5	41.7	52.3	45.8	29.3	0	11.3	79.2	14.2	48.6	66	59.1	31.7	28.1	45.6	45.8	67	59.1	51.6	117	31.3	83.8	119	23.4	43	34.1	27	20.1	21.5	50	15.1	14.9	15.8	27.1	35.8	48	57.4
81	68.6	48.3	25.7	36.7	31.4	136	0.75	37.2	108	63.3	16.3	31.9	50.1	41.8	33.6	18	13.2	0	71.3	13.4	60	7.8	39.3	18.5	61.2	25.9	15.4	71.7	40.8	127	19.4	67	129	8.4	32.4	39	39.6	25.5	22.3	41	29	14.2	5.04	6.9	25.9	25.4	10.3	43.7
82	27.9	163	40.5	32.1	29.5	271	58.8	28.1	138	78.5	72.6	27	91.8	28.3	34.5	54.4	83.7	72.4	0	87.5	41	57.9	63.4	37.4	66.6	24.8	42.5	62.6	20.2	168	92.9	24.2	170	55.5	32	144	71.3	140	143	28.3	38.7	62.3	68	60.8	56.2	40.3	88.9	5.25
83	62.2	85.4	19.4	30.2	25	225	21.9	29	95.8	48.9	35.7	25.4	36.9	35.3	25.9	5.04	17.3	14.4	61.6	0	27.4	57.9	52.8	25	30.3	16.6	28.3	65.4	34.3	115	63	60.2	117	12.7	25.9	70.8	19.9	67.7	50.6	35	40.1	1.8	15.8	98.4	67.2	19	9.84	37
84	79.2	95	30.2	31.9	31	235	45.9	38.2	38.3	9.9	60	31.7	17.4	41.5	35	18.5	39.9	47.4	67.3	21.8	0	59.1	31.5	31.2	62.9	31.8	35.3	33.1	50.7	75	81.6	51.5	34.1	31.9	80.4	10.8	77.3	75.3	43.9	49.2	22.8	43.8	30.2	16.3	25	30.3	48.6	
85	16.1	168	46.2	37.8	36	342	77.4	34.8	96.5	70.8	94	33.5	82.2	30	39.9	61.2	89.4	66	13.2	78.6	65.7	0	54	34.6	128	45.7	29.9	69.5	22.2	116	83.1	11.3	118	61.2	32.4	150	65.1	146	125	39.3	42.2	57.6	62.4	36.1	42	46.8	63.8	12.7
86	77	140	60.3	50.4	25.9	315	68.4	54.6	91.8	42	92.2	38.5	63.7	49.3	44.1	45.6	60.3	65.4	49.3	49.5	36.6	52.9	0	38.5	99	40	21.1	15.5	31.7	116	95.4	79.9	118	78.1	43.9	121	43.2	117	95.7	60.5	69.5	60.8	79.6	60.3	42.9	34.9	40.6	40.3
87	46.5	108	9.3	4.95	4.8	247	29.3	11.4	52.1	27.2	40.6	0.05	57.6	10.8	6.75	18.7	45.1	30.7	23.8	25.1	34.6	33.8	0	76.1	51	31.2	49.3	9.36	64.4	44.4	44.1	65.3	26.6	0.48	93.6	27.1	90.5	47.3	9.3	23	23.8	27.6	22.8	12.5	5.7	32.9	18	
88	75.8	4.05	65	82.3	81.4	21.5	46.6	55.2	137	80.2	4.56	81.8	90.9	91.7	85.2	68.6	26.9	32.3	128	60	68.4	132	104	81.6	0	75.8	84.7	117	91	157	4.41	123	158	58.8	82.3	2.19	76.5	1.83	4.44	50.4	53.7	61	46.8	55.9	66.5	75.4	29.6	97
89	58.2	101	11	7.2	11.3	240	22.6	10.4	96.7	39.8	33.6	6.3	48.6	12.8	6.45	14.4	37.9	32.8	15.6	33.6	46.1	40.3	5.85	68.9	0	12.7	55.8	18.7	116	37.4	56.1	118	14.9	6.45	86.4	25.2	83.3	40.3	14	17.3	15.1	20.6	15.8	15.9	6	30.2	26.7	
90	34.3	119	11.4	7.2	4.8	259	32.2	19.2	101	50.7	43.4	3.6	61.8	6.75	8.25	21.6	55.2	33.6	19.4	28.1	36.2	27.4	24.6	5.04	86.2	11.5	0	45	6.48	125	47	40.5	127	29.5	7.2	104	35.8	101	50.2	10.8	15.2	26.6	30.5	25.7	22.8	12	47.5	13.7
92	90.4	151	65.2	55.1	38.9	324	82.1	70.2	103	53.1	99	51.8	64.2	52.2	55.2	56.7	71.4	76.5	62.6	60.9	57.2	66.2	16.2	44.6	110	52.6	48.2	0	42.8	128	128	93.2	129	78.1	48.6	132	56.5	128	128	73.8	83.2	74.5	79.6	60.3	54	47.9	61.8	53.6

Anexo 9. Solución optimización número de vehículos

Figura 10. Solución para día 1

Global optimal solution found.

Objective value:	200.0000
Objective bound:	200.0000
Infeasibilities:	0.000000
Extended solver steps:	0
Total solver iterations:	253

Variable	Value	Reduced Cost
CANT_VEHICULO (1)	0.000000	170.0000
CANT_VEHICULO (2)	1.000000	200.0000
CANT_VEHICULO (3)	0.000000	300.0000
CANT_VEHICULO (4)	0.000000	350.0000
CANT_VEHICULO (5)	0.000000	450.0000
CANT_VEHICULO (6)	0.000000	500.0000
CAPACIDAD_KG (1)	1500.000	0.000000
CAPACIDAD_KG (2)	4000.000	0.000000
CAPACIDAD_KG (3)	8000.000	0.000000
CAPACIDAD_KG (4)	10000.00	0.000000
CAPACIDAD_KG (5)	12000.00	0.000000
CAPACIDAD_KG (6)	14000.00	0.000000
CAPACIDAD_VOL (1)	9000000.	0.000000
CAPACIDAD_VOL (2)	0.1200000E+08	0.000000
CAPACIDAD_VOL (3)	0.1700000E+08	0.000000
CAPACIDAD_VOL (4)	0.2100000E+08	0.000000
CAPACIDAD_VOL (5)	0.3200000E+08	0.000000
CAPACIDAD_VOL (6)	0.4368000E+08	0.000000
COSTO (1)	170.0000	0.000000
COSTO (2)	200.0000	0.000000
COSTO (3)	300.0000	0.000000
COSTO (4)	350.0000	0.000000
COSTO (5)	450.0000	0.000000
COSTO (6)	500.0000	0.000000
DEMANDA1_KG (1)	0.000000	0.000000
DEMANDA1_KG (2)	0.000000	0.000000
DEMANDA1_KG (3)	0.000000	0.000000
DEMANDA1_KG (4)	0.000000	0.000000
DEMANDA1_KG (5)	284.0000	0.000000
DEMANDA1_KG (6)	0.000000	0.000000
DEMANDA1_KG (7)	18.00000	0.000000
DEMANDA1_KG (8)	0.000000	0.000000
DEMANDA1_KG (9)	2.560000	0.000000
DEMANDA1_KG (10)	77.24000	0.000000
DEMANDA1_KG (11)	4.800000	0.000000
DEMANDA1_KG (12)	82.00000	0.000000
DEMANDA1_KG (13)	0.000000	0.000000
DEMANDA1_KG (14)	0.000000	0.000000
DEMANDA1_KG (15)	0.000000	0.000000
DEMANDA1_KG (16)	7.230000	0.000000
DEMANDA1_KG (17)	0.000000	0.000000
DEMANDA1_KG (18)	0.000000	0.000000
DEMANDA1_KG (19)	0.000000	0.000000
DEMANDA1_KG (20)	1.440000	0.000000
DEMANDA1_KG (21)	0.000000	0.000000
DEMANDA1_KG (22)	0.000000	0.000000
DEMANDA1_KG (23)	0.000000	0.000000
DEMANDA1_KG (24)	3.600000	0.000000
DEMANDA1_KG (25)	2.580000	0.000000
DEMANDA1_KG (26)	1.800000	0.000000
DEMANDA1_KG (27)	0.000000	0.000000
DEMANDA1_KG (28)	0.000000	0.000000
DEMANDA1_KG (29)	0.000000	0.000000
DEMANDA1_KG (30)	148.0000	0.000000
DEMANDA1_KG (31)	12.09000	0.000000

DEMANDA1_KG (32)	1.800000	0.000000
DEMANDA1_KG (33)	0.000000	0.000000
DEMANDA1_KG (34)	1.800000	0.000000
DEMANDA1_KG (35)	1.800000	0.000000
DEMANDA1_KG (36)	3.600000	0.000000
DEMANDA1_KG (37)	38.00000	0.000000
DEMANDA1_KG (38)	1.800000	0.000000
DEMANDA1_KG (39)	2.580000	0.000000
DEMANDA1_KG (40)	1.800000	0.000000
DEMANDA1_KG (41)	5.100000	0.000000
DEMANDA1_KG (42)	0.000000	0.000000
DEMANDA1_KG (43)	2.550000	0.000000
DEMANDA1_KG (44)	0.000000	0.000000
DEMANDA1_KG (45)	0.000000	0.000000
DEMANDA1_KG (46)	936.6800	0.000000
DEMANDA1_KG (47)	376.0000	0.000000
DEMANDA1_KG (48)	131.6000	0.000000
DEMANDA1_KG (49)	16.20000	0.000000
DEMANDA1_KG (50)	146.8800	0.000000
DEMANDA1_KG (51)	0.000000	0.000000
DEMANDA1_KG (52)	0.000000	0.000000
DEMANDA1_KG (53)	0.000000	0.000000
DEMANDA1_KG (54)	0.000000	0.000000
DEMANDA1_KG (55)	0.000000	0.000000
DEMANDA1_KG (56)	8.580000	0.000000
DEMANDA1_KG (57)	0.000000	0.000000
DEMANDA1_KG (58)	0.000000	0.000000
DEMANDA1_KG (59)	0.000000	0.000000
DEMANDA1_KG (60)	1.800000	0.000000
DEMANDA1_KG (61)	3.240000	0.000000
DEMANDA1_KG (62)	0.000000	0.000000
DEMANDA1_KG (63)	0.000000	0.000000
DEMANDA1_KG (64)	0.000000	0.000000
DEMANDA1_KG (65)	0.000000	0.000000
DEMANDA1_KG (66)	0.000000	0.000000
DEMANDA1_KG (67)	0.000000	0.000000
DEMANDA1_KG (68)	3.240000	0.000000
DEMANDA1_KG (69)	0.000000	0.000000
DEMANDA1_KG (70)	13.20000	0.000000
DEMANDA1_KG (71)	0.000000	0.000000
DEMANDA1_KG (72)	0.000000	0.000000
DEMANDA1_KG (73)	0.000000	0.000000
DEMANDA1_KG (74)	0.000000	0.000000
DEMANDA1_KG (75)	0.000000	0.000000
DEMANDA1_KG (76)	0.000000	0.000000
DEMANDA1_KG (77)	0.000000	0.000000
DEMANDA1_KG (78)	0.000000	0.000000
DEMANDA1_KG (79)	0.000000	0.000000
DEMANDA1_KG (80)	7.800000	0.000000
DEMANDA1_KG (81)	0.000000	0.000000
DEMANDA1_KG (82)	0.000000	0.000000
DEMANDA1_KG (83)	16.00000	0.000000
DEMANDA1_KG (84)	0.000000	0.000000
DEMANDA1_KG (85)	0.000000	0.000000
DEMANDA1_KG (86)	0.000000	0.000000
DEMANDA1_KG (87)	5.040000	0.000000
DEMANDA1_KG (88)	0.000000	0.000000
DEMANDA1_KG (89)	22.00000	0.000000
DEMANDA1_KG (90)	0.000000	0.000000
DEMANDA1_KG (91)	0.000000	0.000000
DEMANDA1_KG (92)	0.000000	0.000000
DEMANDA1_KG (93)	0.000000	0.000000
DEMANDA1_KG (94)	0.000000	0.000000
DEMANDA1_KG (95)	0.000000	0.000000
DEMANDA1_KG (96)	0.000000	0.000000
DEMANDA1_VOL (1)	0.000000	0.000000
DEMANDA1_VOL (2)	0.000000	0.000000
DEMANDA1_VOL (3)	0.000000	0.000000
DEMANDA1_VOL (4)	0.000000	0.000000
DEMANDA1_VOL (5)	1297660.	0.000000
DEMANDA1_VOL (6)	0.000000	0.000000

DEMANDA1_VOL (7)	169260.0	0.000000
DEMANDA1_VOL (8)	0.000000	0.000000
DEMANDA1_VOL (9)	19773.00	0.000000
DEMANDA1_VOL (10)	352728.0	0.000000
DEMANDA1_VOL (11)	20799.00	0.000000
DEMANDA1_VOL (12)	620620.0	0.000000
DEMANDA1_VOL (13)	0.000000	0.000000
DEMANDA1_VOL (14)	0.000000	0.000000
DEMANDA1_VOL (15)	0.000000	0.000000
DEMANDA1_VOL (16)	35007.00	0.000000
DEMANDA1_VOL (17)	0.000000	0.000000
DEMANDA1_VOL (18)	0.000000	0.000000
DEMANDA1_VOL (19)	0.000000	0.000000
DEMANDA1_VOL (20)	7104.000	0.000000
DEMANDA1_VOL (21)	0.000000	0.000000
DEMANDA1_VOL (22)	0.000000	0.000000
DEMANDA1_VOL (23)	0.000000	0.000000
DEMANDA1_VOL (24)	14208.00	0.000000
DEMANDA1_VOL (25)	13695.00	0.000000
DEMANDA1_VOL (26)	7104.000	0.000000
DEMANDA1_VOL (27)	0.000000	0.000000
DEMANDA1_VOL (28)	0.000000	0.000000
DEMANDA1_VOL (29)	0.000000	0.000000
DEMANDA1_VOL (30)	733460.0	0.000000
DEMANDA1_VOL (31)	52088.25	0.000000
DEMANDA1_VOL (32)	7104.000	0.000000
DEMANDA1_VOL (33)	0.000000	0.000000
DEMANDA1_VOL (34)	7104.000	0.000000
DEMANDA1_VOL (35)	7104.000	0.000000
DEMANDA1_VOL (36)	14208.00	0.000000
DEMANDA1_VOL (37)	338520.0	0.000000
DEMANDA1_VOL (38)	7104.000	0.000000
DEMANDA1_VOL (39)	13695.00	0.000000
DEMANDA1_VOL (40)	7104.000	0.000000
DEMANDA1_VOL (41)	119944.0	0.000000
DEMANDA1_VOL (42)	0.000000	0.000000
DEMANDA1_VOL (43)	13695.00	0.000000
DEMANDA1_VOL (44)	0.000000	0.000000
DEMANDA1_VOL (45)	0.000000	0.000000
DEMANDA1_VOL (46)	2909955.	0.000000
DEMANDA1_VOL (47)	1861860.	0.000000
DEMANDA1_VOL (48)	747668.0	0.000000
DEMANDA1_VOL (49)	296308.0	0.000000
DEMANDA1_VOL (50)	258570.8	0.000000
DEMANDA1_VOL (51)	0.000000	0.000000
DEMANDA1_VOL (52)	0.000000	0.000000
DEMANDA1_VOL (53)	0.000000	0.000000
DEMANDA1_VOL (54)	0.000000	0.000000
DEMANDA1_VOL (55)	0.000000	0.000000
DEMANDA1_VOL (56)	31635.00	0.000000
DEMANDA1_VOL (57)	0.000000	0.000000
DEMANDA1_VOL (58)	0.000000	0.000000
DEMANDA1_VOL (59)	0.000000	0.000000
DEMANDA1_VOL (60)	7104.000	0.000000
DEMANDA1_VOL (61)	14208.00	0.000000
DEMANDA1_VOL (62)	0.000000	0.000000
DEMANDA1_VOL (63)	0.000000	0.000000
DEMANDA1_VOL (64)	0.000000	0.000000
DEMANDA1_VOL (65)	0.000000	0.000000
DEMANDA1_VOL (66)	0.000000	0.000000
DEMANDA1_VOL (67)	0.000000	0.000000
DEMANDA1_VOL (68)	14208.00	0.000000
DEMANDA1_VOL (69)	0.000000	0.000000
DEMANDA1_VOL (70)	243620.0	0.000000
DEMANDA1_VOL (71)	0.000000	0.000000
DEMANDA1_VOL (72)	0.000000	0.000000
DEMANDA1_VOL (73)	0.000000	0.000000
DEMANDA1_VOL (74)	0.000000	0.000000
DEMANDA1_VOL (75)	0.000000	0.000000
DEMANDA1_VOL (76)	0.000000	0.000000
DEMANDA1_VOL (77)	0.000000	0.000000

DEMANDA1_VOL (78)	0.000000	0.000000
DEMANDA1_VOL (79)	0.000000	0.000000
DEMANDA1_VOL (80)	74360.00	0.000000
DEMANDA1_VOL (81)	0.000000	0.000000
DEMANDA1_VOL (82)	0.000000	0.000000
DEMANDA1_VOL (83)	169260.0	0.000000
DEMANDA1_VOL (84)	0.000000	0.000000
DEMANDA1_VOL (85)	0.000000	0.000000
DEMANDA1_VOL (86)	0.000000	0.000000
DEMANDA1_VOL (87)	21312.00	0.000000
DEMANDA1_VOL (88)	0.000000	0.000000
DEMANDA1_VOL (89)	338520.0	0.000000
DEMANDA1_VOL (90)	0.000000	0.000000
DEMANDA1_VOL (91)	0.000000	0.000000
DEMANDA1_VOL (92)	0.000000	0.000000
DEMANDA1_VOL (93)	0.000000	0.000000
DEMANDA1_VOL (94)	0.000000	0.000000
DEMANDA1_VOL (95)	0.000000	0.000000
DEMANDA1_VOL (96)	0.000000	0.000000
VEHICULO (1, 1)	0.000000	0.000000
VEHICULO (1, 2)	0.000000	0.000000
VEHICULO (1, 3)	1.000000	0.000000
VEHICULO (1, 4)	0.000000	0.000000
VEHICULO (1, 5)	0.000000	0.000000
VEHICULO (1, 6)	0.000000	0.000000
VEHICULO (2, 1)	0.000000	0.000000
VEHICULO (2, 2)	0.000000	0.000000
VEHICULO (2, 3)	1.000000	0.000000
VEHICULO (2, 4)	0.000000	0.000000
VEHICULO (2, 5)	0.000000	0.000000
VEHICULO (2, 6)	0.000000	0.000000
VEHICULO (3, 1)	0.000000	0.000000
VEHICULO (3, 2)	0.000000	0.000000
VEHICULO (3, 3)	1.000000	0.000000
VEHICULO (3, 4)	0.000000	0.000000
VEHICULO (3, 5)	0.000000	0.000000
VEHICULO (3, 6)	0.000000	0.000000
VEHICULO (4, 1)	0.000000	0.000000
VEHICULO (4, 2)	0.000000	0.000000
VEHICULO (4, 3)	1.000000	0.000000
VEHICULO (4, 4)	0.000000	0.000000
VEHICULO (4, 5)	0.000000	0.000000
VEHICULO (4, 6)	0.000000	0.000000
VEHICULO (5, 1)	0.000000	0.000000
VEHICULO (5, 2)	1.000000	0.000000
VEHICULO (5, 3)	0.000000	0.000000
VEHICULO (5, 4)	0.000000	0.000000
VEHICULO (5, 5)	0.000000	0.000000
VEHICULO (5, 6)	0.000000	0.000000
VEHICULO (6, 1)	0.000000	0.000000
VEHICULO (6, 2)	0.000000	0.000000
VEHICULO (6, 3)	1.000000	0.000000
VEHICULO (6, 4)	0.000000	0.000000
VEHICULO (6, 5)	0.000000	0.000000
VEHICULO (6, 6)	0.000000	0.000000
VEHICULO (7, 1)	0.000000	0.000000
VEHICULO (7, 2)	1.000000	0.000000
VEHICULO (7, 3)	0.000000	0.000000
VEHICULO (7, 4)	0.000000	0.000000
VEHICULO (7, 5)	0.000000	0.000000
VEHICULO (7, 6)	0.000000	0.000000
VEHICULO (8, 1)	0.000000	0.000000
VEHICULO (8, 2)	0.000000	0.000000
VEHICULO (8, 3)	1.000000	0.000000
VEHICULO (8, 4)	0.000000	0.000000
VEHICULO (8, 5)	0.000000	0.000000
VEHICULO (8, 6)	0.000000	0.000000
VEHICULO (9, 1)	0.000000	0.000000
VEHICULO (9, 2)	1.000000	0.000000
VEHICULO (9, 3)	0.000000	0.000000
VEHICULO (9, 4)	0.000000	0.000000

VEHICULO(9, 5)	0.000000	0.000000
VEHICULO(9, 6)	0.000000	0.000000
VEHICULO(10, 1)	0.000000	0.000000
VEHICULO(10, 2)	1.000000	0.000000
VEHICULO(10, 3)	0.000000	0.000000
VEHICULO(10, 4)	0.000000	0.000000
VEHICULO(10, 5)	0.000000	0.000000
VEHICULO(10, 6)	0.000000	0.000000
VEHICULO(11, 1)	0.000000	0.000000
VEHICULO(11, 2)	1.000000	0.000000
VEHICULO(11, 3)	0.000000	0.000000
VEHICULO(11, 4)	0.000000	0.000000
VEHICULO(11, 5)	0.000000	0.000000
VEHICULO(11, 6)	0.000000	0.000000
VEHICULO(12, 1)	0.000000	0.000000
VEHICULO(12, 2)	1.000000	0.000000
VEHICULO(12, 3)	0.000000	0.000000
VEHICULO(12, 4)	0.000000	0.000000
VEHICULO(12, 5)	0.000000	0.000000
VEHICULO(12, 6)	0.000000	0.000000
VEHICULO(13, 1)	0.000000	0.000000
VEHICULO(13, 2)	0.000000	0.000000
VEHICULO(13, 3)	1.000000	0.000000
VEHICULO(13, 4)	0.000000	0.000000
VEHICULO(13, 5)	0.000000	0.000000
VEHICULO(13, 6)	0.000000	0.000000
VEHICULO(14, 1)	0.000000	0.000000
VEHICULO(14, 2)	0.000000	0.000000
VEHICULO(14, 3)	1.000000	0.000000
VEHICULO(14, 4)	0.000000	0.000000
VEHICULO(14, 5)	0.000000	0.000000
VEHICULO(14, 6)	0.000000	0.000000
VEHICULO(15, 1)	0.000000	0.000000
VEHICULO(15, 2)	0.000000	0.000000
VEHICULO(15, 3)	1.000000	0.000000
VEHICULO(15, 4)	0.000000	0.000000
VEHICULO(15, 5)	0.000000	0.000000
VEHICULO(15, 6)	0.000000	0.000000
VEHICULO(16, 1)	0.000000	0.000000
VEHICULO(16, 2)	1.000000	0.000000
VEHICULO(16, 3)	0.000000	0.000000
VEHICULO(16, 4)	0.000000	0.000000
VEHICULO(16, 5)	0.000000	0.000000
VEHICULO(16, 6)	0.000000	0.000000
VEHICULO(17, 1)	0.000000	0.000000
VEHICULO(17, 2)	0.000000	0.000000
VEHICULO(17, 3)	1.000000	0.000000
VEHICULO(17, 4)	0.000000	0.000000
VEHICULO(17, 5)	0.000000	0.000000
VEHICULO(17, 6)	0.000000	0.000000
VEHICULO(18, 1)	0.000000	0.000000
VEHICULO(18, 2)	0.000000	0.000000
VEHICULO(18, 3)	1.000000	0.000000
VEHICULO(18, 4)	0.000000	0.000000
VEHICULO(18, 5)	0.000000	0.000000
VEHICULO(18, 6)	0.000000	0.000000
VEHICULO(19, 1)	0.000000	0.000000
VEHICULO(19, 2)	0.000000	0.000000
VEHICULO(19, 3)	1.000000	0.000000
VEHICULO(19, 4)	0.000000	0.000000
VEHICULO(19, 5)	0.000000	0.000000
VEHICULO(19, 6)	0.000000	0.000000
VEHICULO(20, 1)	0.000000	0.000000
VEHICULO(20, 2)	1.000000	0.000000
VEHICULO(20, 3)	0.000000	0.000000
VEHICULO(20, 4)	0.000000	0.000000
VEHICULO(20, 5)	0.000000	0.000000
VEHICULO(20, 6)	0.000000	0.000000
VEHICULO(21, 1)	0.000000	0.000000
VEHICULO(21, 2)	0.000000	0.000000
VEHICULO(21, 3)	1.000000	0.000000

VEHICULO (21, 4)	0.000000	0.000000
VEHICULO (21, 5)	0.000000	0.000000
VEHICULO (21, 6)	0.000000	0.000000
VEHICULO (22, 1)	0.000000	0.000000
VEHICULO (22, 2)	0.000000	0.000000
VEHICULO (22, 3)	1.000000	0.000000
VEHICULO (22, 4)	0.000000	0.000000
VEHICULO (22, 5)	0.000000	0.000000
VEHICULO (22, 6)	0.000000	0.000000
VEHICULO (23, 1)	0.000000	0.000000
VEHICULO (23, 2)	0.000000	0.000000
VEHICULO (23, 3)	1.000000	0.000000
VEHICULO (23, 4)	0.000000	0.000000
VEHICULO (23, 5)	0.000000	0.000000
VEHICULO (23, 6)	0.000000	0.000000
VEHICULO (24, 1)	0.000000	0.000000
VEHICULO (24, 2)	1.000000	0.000000
VEHICULO (24, 3)	0.000000	0.000000
VEHICULO (24, 4)	0.000000	0.000000
VEHICULO (24, 5)	0.000000	0.000000
VEHICULO (24, 6)	0.000000	0.000000
VEHICULO (25, 1)	0.000000	0.000000
VEHICULO (25, 2)	1.000000	0.000000
VEHICULO (25, 3)	0.000000	0.000000
VEHICULO (25, 4)	0.000000	0.000000
VEHICULO (25, 5)	0.000000	0.000000
VEHICULO (25, 6)	0.000000	0.000000
VEHICULO (26, 1)	0.000000	0.000000
VEHICULO (26, 2)	1.000000	0.000000
VEHICULO (26, 3)	0.000000	0.000000
VEHICULO (26, 4)	0.000000	0.000000
VEHICULO (26, 5)	0.000000	0.000000
VEHICULO (26, 6)	0.000000	0.000000
VEHICULO (27, 1)	0.000000	0.000000
VEHICULO (27, 2)	0.000000	0.000000
VEHICULO (27, 3)	1.000000	0.000000
VEHICULO (27, 4)	0.000000	0.000000
VEHICULO (27, 5)	0.000000	0.000000
VEHICULO (27, 6)	0.000000	0.000000
VEHICULO (28, 1)	0.000000	0.000000
VEHICULO (28, 2)	0.000000	0.000000
VEHICULO (28, 3)	1.000000	0.000000
VEHICULO (28, 4)	0.000000	0.000000
VEHICULO (28, 5)	0.000000	0.000000
VEHICULO (28, 6)	0.000000	0.000000
VEHICULO (29, 1)	0.000000	0.000000
VEHICULO (29, 2)	0.000000	0.000000
VEHICULO (29, 3)	1.000000	0.000000
VEHICULO (29, 4)	0.000000	0.000000
VEHICULO (29, 5)	0.000000	0.000000
VEHICULO (29, 6)	0.000000	0.000000
VEHICULO (30, 1)	0.000000	0.000000
VEHICULO (30, 2)	1.000000	0.000000
VEHICULO (30, 3)	0.000000	0.000000
VEHICULO (30, 4)	0.000000	0.000000
VEHICULO (30, 5)	0.000000	0.000000
VEHICULO (30, 6)	0.000000	0.000000
VEHICULO (31, 1)	0.000000	0.000000
VEHICULO (31, 2)	1.000000	0.000000
VEHICULO (31, 3)	0.000000	0.000000
VEHICULO (31, 4)	0.000000	0.000000
VEHICULO (31, 5)	0.000000	0.000000
VEHICULO (31, 6)	0.000000	0.000000
VEHICULO (32, 1)	0.000000	0.000000
VEHICULO (32, 2)	1.000000	0.000000
VEHICULO (32, 3)	0.000000	0.000000
VEHICULO (32, 4)	0.000000	0.000000
VEHICULO (32, 5)	0.000000	0.000000
VEHICULO (32, 6)	0.000000	0.000000
VEHICULO (33, 1)	0.000000	0.000000
VEHICULO (33, 2)	0.000000	0.000000

VEHICULO (33, 3)	1.000000	0.000000
VEHICULO (33, 4)	0.000000	0.000000
VEHICULO (33, 5)	0.000000	0.000000
VEHICULO (33, 6)	0.000000	0.000000
VEHICULO (34, 1)	0.000000	0.000000
VEHICULO (34, 2)	1.000000	0.000000
VEHICULO (34, 3)	0.000000	0.000000
VEHICULO (34, 4)	0.000000	0.000000
VEHICULO (34, 5)	0.000000	0.000000
VEHICULO (34, 6)	0.000000	0.000000
VEHICULO (35, 1)	0.000000	0.000000
VEHICULO (35, 2)	1.000000	0.000000
VEHICULO (35, 3)	0.000000	0.000000
VEHICULO (35, 4)	0.000000	0.000000
VEHICULO (35, 5)	0.000000	0.000000
VEHICULO (35, 6)	0.000000	0.000000
VEHICULO (36, 1)	0.000000	0.000000
VEHICULO (36, 2)	1.000000	0.000000
VEHICULO (36, 3)	0.000000	0.000000
VEHICULO (36, 4)	0.000000	0.000000
VEHICULO (36, 5)	0.000000	0.000000
VEHICULO (36, 6)	0.000000	0.000000
VEHICULO (37, 1)	0.000000	0.000000
VEHICULO (37, 2)	1.000000	0.000000
VEHICULO (37, 3)	0.000000	0.000000
VEHICULO (37, 4)	0.000000	0.000000
VEHICULO (37, 5)	0.000000	0.000000
VEHICULO (37, 6)	0.000000	0.000000
VEHICULO (38, 1)	0.000000	0.000000
VEHICULO (38, 2)	1.000000	0.000000
VEHICULO (38, 3)	0.000000	0.000000
VEHICULO (38, 4)	0.000000	0.000000
VEHICULO (38, 5)	0.000000	0.000000
VEHICULO (38, 6)	0.000000	0.000000
VEHICULO (39, 1)	0.000000	0.000000
VEHICULO (39, 2)	1.000000	0.000000
VEHICULO (39, 3)	0.000000	0.000000
VEHICULO (39, 4)	0.000000	0.000000
VEHICULO (39, 5)	0.000000	0.000000
VEHICULO (39, 6)	0.000000	0.000000
VEHICULO (40, 1)	0.000000	0.000000
VEHICULO (40, 2)	1.000000	0.000000
VEHICULO (40, 3)	0.000000	0.000000
VEHICULO (40, 4)	0.000000	0.000000
VEHICULO (40, 5)	0.000000	0.000000
VEHICULO (40, 6)	0.000000	0.000000
VEHICULO (41, 1)	0.000000	0.000000
VEHICULO (41, 2)	1.000000	0.000000
VEHICULO (41, 3)	0.000000	0.000000
VEHICULO (41, 4)	0.000000	0.000000
VEHICULO (41, 5)	0.000000	0.000000
VEHICULO (41, 6)	0.000000	0.000000
VEHICULO (42, 1)	0.000000	0.000000
VEHICULO (42, 2)	0.000000	0.000000
VEHICULO (42, 3)	1.000000	0.000000
VEHICULO (42, 4)	0.000000	0.000000
VEHICULO (42, 5)	0.000000	0.000000
VEHICULO (42, 6)	0.000000	0.000000
VEHICULO (43, 1)	0.000000	0.000000
VEHICULO (43, 2)	1.000000	0.000000
VEHICULO (43, 3)	0.000000	0.000000
VEHICULO (43, 4)	0.000000	0.000000
VEHICULO (43, 5)	0.000000	0.000000
VEHICULO (43, 6)	0.000000	0.000000
VEHICULO (44, 1)	0.000000	0.000000
VEHICULO (44, 2)	0.000000	0.000000
VEHICULO (44, 3)	1.000000	0.000000
VEHICULO (44, 4)	0.000000	0.000000
VEHICULO (44, 5)	0.000000	0.000000
VEHICULO (44, 6)	0.000000	0.000000
VEHICULO (45, 1)	0.000000	0.000000

VEHICULO (45, 2)	0.000000	0.000000
VEHICULO (45, 3)	1.000000	0.000000
VEHICULO (45, 4)	0.000000	0.000000
VEHICULO (45, 5)	0.000000	0.000000
VEHICULO (45, 6)	0.000000	0.000000
VEHICULO (46, 1)	0.000000	0.000000
VEHICULO (46, 2)	1.000000	0.000000
VEHICULO (46, 3)	0.000000	0.000000
VEHICULO (46, 4)	0.000000	0.000000
VEHICULO (46, 5)	0.000000	0.000000
VEHICULO (46, 6)	0.000000	0.000000
VEHICULO (47, 1)	0.000000	0.000000
VEHICULO (47, 2)	1.000000	0.000000
VEHICULO (47, 3)	0.000000	0.000000
VEHICULO (47, 4)	0.000000	0.000000
VEHICULO (47, 5)	0.000000	0.000000
VEHICULO (47, 6)	0.000000	0.000000
VEHICULO (48, 1)	0.000000	0.000000
VEHICULO (48, 2)	1.000000	0.000000
VEHICULO (48, 3)	0.000000	0.000000
VEHICULO (48, 4)	0.000000	0.000000
VEHICULO (48, 5)	0.000000	0.000000
VEHICULO (48, 6)	0.000000	0.000000
VEHICULO (49, 1)	0.000000	0.000000
VEHICULO (49, 2)	1.000000	0.000000
VEHICULO (49, 3)	0.000000	0.000000
VEHICULO (49, 4)	0.000000	0.000000
VEHICULO (49, 5)	0.000000	0.000000
VEHICULO (49, 6)	0.000000	0.000000
VEHICULO (50, 1)	0.000000	0.000000
VEHICULO (50, 2)	1.000000	0.000000
VEHICULO (50, 3)	0.000000	0.000000
VEHICULO (50, 4)	0.000000	0.000000
VEHICULO (50, 5)	0.000000	0.000000
VEHICULO (50, 6)	0.000000	0.000000
VEHICULO (51, 1)	0.000000	0.000000
VEHICULO (51, 2)	0.000000	0.000000
VEHICULO (51, 3)	1.000000	0.000000
VEHICULO (51, 4)	0.000000	0.000000
VEHICULO (51, 5)	0.000000	0.000000
VEHICULO (51, 6)	0.000000	0.000000
VEHICULO (52, 1)	0.000000	0.000000
VEHICULO (52, 2)	0.000000	0.000000
VEHICULO (52, 3)	1.000000	0.000000
VEHICULO (52, 4)	0.000000	0.000000
VEHICULO (52, 5)	0.000000	0.000000
VEHICULO (52, 6)	0.000000	0.000000
VEHICULO (53, 1)	0.000000	0.000000
VEHICULO (53, 2)	0.000000	0.000000
VEHICULO (53, 3)	1.000000	0.000000
VEHICULO (53, 4)	0.000000	0.000000
VEHICULO (53, 5)	0.000000	0.000000
VEHICULO (53, 6)	0.000000	0.000000
VEHICULO (54, 1)	0.000000	0.000000
VEHICULO (54, 2)	0.000000	0.000000
VEHICULO (54, 3)	1.000000	0.000000
VEHICULO (54, 4)	0.000000	0.000000
VEHICULO (54, 5)	0.000000	0.000000
VEHICULO (54, 6)	0.000000	0.000000
VEHICULO (55, 1)	0.000000	0.000000
VEHICULO (55, 2)	0.000000	0.000000
VEHICULO (55, 3)	1.000000	0.000000
VEHICULO (55, 4)	0.000000	0.000000
VEHICULO (55, 5)	0.000000	0.000000
VEHICULO (55, 6)	0.000000	0.000000
VEHICULO (56, 1)	0.000000	0.000000
VEHICULO (56, 2)	1.000000	0.000000
VEHICULO (56, 3)	0.000000	0.000000
VEHICULO (56, 4)	0.000000	0.000000
VEHICULO (56, 5)	0.000000	0.000000
VEHICULO (56, 6)	0.000000	0.000000

VEHICULO (57, 1)	0.000000	0.000000
VEHICULO (57, 2)	0.000000	0.000000
VEHICULO (57, 3)	1.000000	0.000000
VEHICULO (57, 4)	0.000000	0.000000
VEHICULO (57, 5)	0.000000	0.000000
VEHICULO (57, 6)	0.000000	0.000000
VEHICULO (58, 1)	0.000000	0.000000
VEHICULO (58, 2)	0.000000	0.000000
VEHICULO (58, 3)	1.000000	0.000000
VEHICULO (58, 4)	0.000000	0.000000
VEHICULO (58, 5)	0.000000	0.000000
VEHICULO (58, 6)	0.000000	0.000000
VEHICULO (59, 1)	0.000000	0.000000
VEHICULO (59, 2)	0.000000	0.000000
VEHICULO (59, 3)	1.000000	0.000000
VEHICULO (59, 4)	0.000000	0.000000
VEHICULO (59, 5)	0.000000	0.000000
VEHICULO (59, 6)	0.000000	0.000000
VEHICULO (60, 1)	0.000000	0.000000
VEHICULO (60, 2)	1.000000	0.000000
VEHICULO (60, 3)	0.000000	0.000000
VEHICULO (60, 4)	0.000000	0.000000
VEHICULO (60, 5)	0.000000	0.000000
VEHICULO (60, 6)	0.000000	0.000000
VEHICULO (61, 1)	0.000000	0.000000
VEHICULO (61, 2)	1.000000	0.000000
VEHICULO (61, 3)	0.000000	0.000000
VEHICULO (61, 4)	0.000000	0.000000
VEHICULO (61, 5)	0.000000	0.000000
VEHICULO (61, 6)	0.000000	0.000000
VEHICULO (62, 1)	0.000000	0.000000
VEHICULO (62, 2)	0.000000	0.000000
VEHICULO (62, 3)	1.000000	0.000000
VEHICULO (62, 4)	0.000000	0.000000
VEHICULO (62, 5)	0.000000	0.000000
VEHICULO (62, 6)	0.000000	0.000000
VEHICULO (63, 1)	0.000000	0.000000
VEHICULO (63, 2)	0.000000	0.000000
VEHICULO (63, 3)	1.000000	0.000000
VEHICULO (63, 4)	0.000000	0.000000
VEHICULO (63, 5)	0.000000	0.000000
VEHICULO (63, 6)	0.000000	0.000000
VEHICULO (64, 1)	0.000000	0.000000
VEHICULO (64, 2)	0.000000	0.000000
VEHICULO (64, 3)	1.000000	0.000000
VEHICULO (64, 4)	0.000000	0.000000
VEHICULO (64, 5)	0.000000	0.000000
VEHICULO (64, 6)	0.000000	0.000000
VEHICULO (65, 1)	0.000000	0.000000
VEHICULO (65, 2)	0.000000	0.000000
VEHICULO (65, 3)	1.000000	0.000000
VEHICULO (65, 4)	0.000000	0.000000
VEHICULO (65, 5)	0.000000	0.000000
VEHICULO (65, 6)	0.000000	0.000000
VEHICULO (66, 1)	0.000000	0.000000
VEHICULO (66, 2)	0.000000	0.000000
VEHICULO (66, 3)	1.000000	0.000000
VEHICULO (66, 4)	0.000000	0.000000
VEHICULO (66, 5)	0.000000	0.000000
VEHICULO (66, 6)	0.000000	0.000000
VEHICULO (67, 1)	0.000000	0.000000
VEHICULO (67, 2)	0.000000	0.000000
VEHICULO (67, 3)	1.000000	0.000000
VEHICULO (67, 4)	0.000000	0.000000
VEHICULO (67, 5)	0.000000	0.000000
VEHICULO (67, 6)	0.000000	0.000000
VEHICULO (68, 1)	0.000000	0.000000
VEHICULO (68, 2)	1.000000	0.000000
VEHICULO (68, 3)	0.000000	0.000000
VEHICULO (68, 4)	0.000000	0.000000
VEHICULO (68, 5)	0.000000	0.000000

VEHICULO (68, 6)	0.000000	0.000000
VEHICULO (69, 1)	0.000000	0.000000
VEHICULO (69, 2)	0.000000	0.000000
VEHICULO (69, 3)	1.000000	0.000000
VEHICULO (69, 4)	0.000000	0.000000
VEHICULO (69, 5)	0.000000	0.000000
VEHICULO (69, 6)	0.000000	0.000000
VEHICULO (70, 1)	0.000000	0.000000
VEHICULO (70, 2)	1.000000	0.000000
VEHICULO (70, 3)	0.000000	0.000000
VEHICULO (70, 4)	0.000000	0.000000
VEHICULO (70, 5)	0.000000	0.000000
VEHICULO (70, 6)	0.000000	0.000000
VEHICULO (71, 1)	0.000000	0.000000
VEHICULO (71, 2)	0.000000	0.000000
VEHICULO (71, 3)	1.000000	0.000000
VEHICULO (71, 4)	0.000000	0.000000
VEHICULO (71, 5)	0.000000	0.000000
VEHICULO (71, 6)	0.000000	0.000000
VEHICULO (72, 1)	0.000000	0.000000
VEHICULO (72, 2)	0.000000	0.000000
VEHICULO (72, 3)	1.000000	0.000000
VEHICULO (72, 4)	0.000000	0.000000
VEHICULO (72, 5)	0.000000	0.000000
VEHICULO (72, 6)	0.000000	0.000000
VEHICULO (73, 1)	0.000000	0.000000
VEHICULO (73, 2)	0.000000	0.000000
VEHICULO (73, 3)	1.000000	0.000000
VEHICULO (73, 4)	0.000000	0.000000
VEHICULO (73, 5)	0.000000	0.000000
VEHICULO (73, 6)	0.000000	0.000000
VEHICULO (74, 1)	0.000000	0.000000
VEHICULO (74, 2)	0.000000	0.000000
VEHICULO (74, 3)	1.000000	0.000000
VEHICULO (74, 4)	0.000000	0.000000
VEHICULO (74, 5)	0.000000	0.000000
VEHICULO (74, 6)	0.000000	0.000000
VEHICULO (75, 1)	0.000000	0.000000
VEHICULO (75, 2)	0.000000	0.000000
VEHICULO (75, 3)	1.000000	0.000000
VEHICULO (75, 4)	0.000000	0.000000
VEHICULO (75, 5)	0.000000	0.000000
VEHICULO (75, 6)	0.000000	0.000000
VEHICULO (76, 1)	0.000000	0.000000
VEHICULO (76, 2)	0.000000	0.000000
VEHICULO (76, 3)	1.000000	0.000000
VEHICULO (76, 4)	0.000000	0.000000
VEHICULO (76, 5)	0.000000	0.000000
VEHICULO (76, 6)	0.000000	0.000000
VEHICULO (77, 1)	0.000000	0.000000
VEHICULO (77, 2)	0.000000	0.000000
VEHICULO (77, 3)	1.000000	0.000000
VEHICULO (77, 4)	0.000000	0.000000
VEHICULO (77, 5)	0.000000	0.000000
VEHICULO (77, 6)	0.000000	0.000000
VEHICULO (78, 1)	0.000000	0.000000
VEHICULO (78, 2)	0.000000	0.000000
VEHICULO (78, 3)	1.000000	0.000000
VEHICULO (78, 4)	0.000000	0.000000
VEHICULO (78, 5)	0.000000	0.000000
VEHICULO (78, 6)	0.000000	0.000000
VEHICULO (79, 1)	0.000000	0.000000
VEHICULO (79, 2)	0.000000	0.000000
VEHICULO (79, 3)	1.000000	0.000000
VEHICULO (79, 4)	0.000000	0.000000
VEHICULO (79, 5)	0.000000	0.000000
VEHICULO (79, 6)	0.000000	0.000000
VEHICULO (80, 1)	0.000000	0.000000
VEHICULO (80, 2)	1.000000	0.000000
VEHICULO (80, 3)	0.000000	0.000000
VEHICULO (80, 4)	0.000000	0.000000

VEHICULO (80, 5)	0.000000	0.000000
VEHICULO (80, 6)	0.000000	0.000000
VEHICULO (81, 1)	0.000000	0.000000
VEHICULO (81, 2)	0.000000	0.000000
VEHICULO (81, 3)	1.000000	0.000000
VEHICULO (81, 4)	0.000000	0.000000
VEHICULO (81, 5)	0.000000	0.000000
VEHICULO (81, 6)	0.000000	0.000000
VEHICULO (82, 1)	0.000000	0.000000
VEHICULO (82, 2)	0.000000	0.000000
VEHICULO (82, 3)	1.000000	0.000000
VEHICULO (82, 4)	0.000000	0.000000
VEHICULO (82, 5)	0.000000	0.000000
VEHICULO (82, 6)	0.000000	0.000000
VEHICULO (83, 1)	0.000000	0.000000
VEHICULO (83, 2)	1.000000	0.000000
VEHICULO (83, 3)	0.000000	0.000000
VEHICULO (83, 4)	0.000000	0.000000
VEHICULO (83, 5)	0.000000	0.000000
VEHICULO (83, 6)	0.000000	0.000000
VEHICULO (84, 1)	0.000000	0.000000
VEHICULO (84, 2)	0.000000	0.000000
VEHICULO (84, 3)	1.000000	0.000000
VEHICULO (84, 4)	0.000000	0.000000
VEHICULO (84, 5)	0.000000	0.000000
VEHICULO (84, 6)	0.000000	0.000000
VEHICULO (85, 1)	0.000000	0.000000
VEHICULO (85, 2)	0.000000	0.000000
VEHICULO (85, 3)	1.000000	0.000000
VEHICULO (85, 4)	0.000000	0.000000
VEHICULO (85, 5)	0.000000	0.000000
VEHICULO (85, 6)	0.000000	0.000000
VEHICULO (86, 1)	0.000000	0.000000
VEHICULO (86, 2)	0.000000	0.000000
VEHICULO (86, 3)	1.000000	0.000000
VEHICULO (86, 4)	0.000000	0.000000
VEHICULO (86, 5)	0.000000	0.000000
VEHICULO (86, 6)	0.000000	0.000000
VEHICULO (87, 1)	0.000000	0.000000
VEHICULO (87, 2)	1.000000	0.000000
VEHICULO (87, 3)	0.000000	0.000000
VEHICULO (87, 4)	0.000000	0.000000
VEHICULO (87, 5)	0.000000	0.000000
VEHICULO (87, 6)	0.000000	0.000000
VEHICULO (88, 1)	0.000000	0.000000
VEHICULO (88, 2)	0.000000	0.000000
VEHICULO (88, 3)	1.000000	0.000000
VEHICULO (88, 4)	0.000000	0.000000
VEHICULO (88, 5)	0.000000	0.000000
VEHICULO (88, 6)	0.000000	0.000000
VEHICULO (89, 1)	0.000000	0.000000
VEHICULO (89, 2)	1.000000	0.000000
VEHICULO (89, 3)	0.000000	0.000000
VEHICULO (89, 4)	0.000000	0.000000
VEHICULO (89, 5)	0.000000	0.000000
VEHICULO (89, 6)	0.000000	0.000000
VEHICULO (90, 1)	0.000000	0.000000
VEHICULO (90, 2)	0.000000	0.000000
VEHICULO (90, 3)	1.000000	0.000000
VEHICULO (90, 4)	0.000000	0.000000
VEHICULO (90, 5)	0.000000	0.000000
VEHICULO (90, 6)	0.000000	0.000000
VEHICULO (91, 1)	0.000000	0.000000
VEHICULO (91, 2)	0.000000	0.000000
VEHICULO (91, 3)	1.000000	0.000000
VEHICULO (91, 4)	0.000000	0.000000
VEHICULO (91, 5)	0.000000	0.000000
VEHICULO (91, 6)	0.000000	0.000000
VEHICULO (92, 1)	0.000000	0.000000
VEHICULO (92, 2)	0.000000	0.000000
VEHICULO (92, 3)	1.000000	0.000000

VEHICULO (92, 4)	0.000000	0.000000
VEHICULO (92, 5)	0.000000	0.000000
VEHICULO (92, 6)	0.000000	0.000000
VEHICULO (93, 1)	0.000000	0.000000
VEHICULO (93, 2)	0.000000	0.000000
VEHICULO (93, 3)	1.000000	0.000000
VEHICULO (93, 4)	0.000000	0.000000
VEHICULO (93, 5)	0.000000	0.000000
VEHICULO (93, 6)	0.000000	0.000000
VEHICULO (94, 1)	0.000000	0.000000
VEHICULO (94, 2)	0.000000	0.000000
VEHICULO (94, 3)	1.000000	0.000000
VEHICULO (94, 4)	0.000000	0.000000
VEHICULO (94, 5)	0.000000	0.000000
VEHICULO (94, 6)	0.000000	0.000000
VEHICULO (95, 1)	0.000000	0.000000
VEHICULO (95, 2)	0.000000	0.000000
VEHICULO (95, 3)	1.000000	0.000000
VEHICULO (95, 4)	0.000000	0.000000
VEHICULO (95, 5)	0.000000	0.000000
VEHICULO (95, 6)	0.000000	0.000000
VEHICULO (96, 1)	0.000000	0.000000
VEHICULO (96, 2)	0.000000	0.000000
VEHICULO (96, 3)	1.000000	0.000000
VEHICULO (96, 4)	0.000000	0.000000
VEHICULO (96, 5)	0.000000	0.000000
VEHICULO (96, 6)	0.000000	0.000000

Row	Slack or Surplus	Dual Price
1	200.0000	-1.000000
2	0.000000	0.000000
3	1605.570	0.000000
4	0.000000	0.000000
5	0.000000	0.000000
6	0.000000	0.000000
7	0.000000	0.000000
8	0.000000	0.000000
9	1132323.	0.000000
10	0.000000	0.000000
11	0.000000	0.000000
12	0.000000	0.000000
13	0.000000	0.000000
14	0.000000	0.000000
15	0.000000	0.000000
16	0.000000	0.000000
17	0.000000	0.000000
18	0.000000	0.000000
19	0.000000	0.000000
20	0.000000	0.000000
21	0.000000	0.000000
22	0.000000	0.000000
23	0.000000	0.000000
24	0.000000	0.000000
25	0.000000	0.000000
26	0.000000	0.000000
27	0.000000	0.000000
28	0.000000	0.000000
29	0.000000	0.000000
30	0.000000	0.000000
31	0.000000	0.000000
32	0.000000	0.000000
33	0.000000	0.000000
34	0.000000	0.000000
35	0.000000	0.000000
36	0.000000	0.000000
37	0.000000	0.000000
38	0.000000	0.000000
39	0.000000	0.000000
40	0.000000	0.000000
41	0.000000	0.000000

42	0.000000	0.000000
43	0.000000	0.000000
44	0.000000	0.000000
45	0.000000	0.000000
46	0.000000	0.000000
47	0.000000	0.000000
48	0.000000	0.000000
49	0.000000	0.000000
50	0.000000	0.000000
51	0.000000	0.000000
52	0.000000	0.000000
53	0.000000	0.000000
54	0.000000	0.000000
55	0.000000	0.000000
56	0.000000	0.000000
57	0.000000	0.000000
58	0.000000	0.000000
59	0.000000	0.000000
60	0.000000	0.000000
61	0.000000	0.000000
62	0.000000	0.000000
63	0.000000	0.000000
64	0.000000	0.000000
65	0.000000	0.000000
66	0.000000	0.000000
67	0.000000	0.000000
68	0.000000	0.000000
69	0.000000	0.000000
70	0.000000	0.000000
71	0.000000	0.000000
72	0.000000	0.000000
73	0.000000	0.000000
74	0.000000	0.000000
75	0.000000	0.000000
76	0.000000	0.000000
77	0.000000	0.000000
78	0.000000	0.000000
79	0.000000	0.000000
80	0.000000	0.000000
81	0.000000	0.000000
82	0.000000	0.000000
83	0.000000	0.000000
84	0.000000	0.000000
85	0.000000	0.000000
86	0.000000	0.000000
87	0.000000	0.000000
88	0.000000	0.000000
89	0.000000	0.000000
90	0.000000	0.000000
91	0.000000	0.000000
92	0.000000	0.000000
93	0.000000	0.000000
94	0.000000	0.000000
95	0.000000	0.000000
96	0.000000	0.000000
97	0.000000	0.000000
98	0.000000	0.000000
99	0.000000	0.000000
100	0.000000	0.000000
101	0.000000	0.000000
102	0.000000	0.000000
103	0.000000	0.000000
104	0.000000	0.000000
105	0.000000	0.000000
106	0.000000	0.000000
107	0.000000	0.000000
108	0.000000	0.000000
109	0.000000	0.000000

Figura 11. Solución para día 2

Global optimal solution found.

Objective value:	170.0000
Objective bound:	170.0000
Infeasibilities:	0.000000
Extended solver steps:	0
Total solver iterations:	32

Variable	Value	Reduced Cost
CANT_VEHICULO (1)	1.000000	170.0000
CANT_VEHICULO (2)	0.000000	200.0000
CANT_VEHICULO (3)	0.000000	300.0000
CANT_VEHICULO (4)	0.000000	350.0000
CANT_VEHICULO (5)	0.000000	450.0000
CANT_VEHICULO (6)	0.000000	500.0000
CAPACIDAD_KG (1)	1500.000	0.000000
CAPACIDAD_KG (2)	4000.000	0.000000
CAPACIDAD_KG (3)	8000.000	0.000000
CAPACIDAD_KG (4)	10000.00	0.000000
CAPACIDAD_KG (5)	12000.00	0.000000
CAPACIDAD_KG (6)	14000.00	0.000000
CAPACIDAD_VOL (1)	9000000.	0.000000
CAPACIDAD_VOL (2)	0.1200000E+08	0.000000
CAPACIDAD_VOL (3)	0.1700000E+08	0.000000
CAPACIDAD_VOL (4)	0.2100000E+08	0.000000
CAPACIDAD_VOL (5)	0.3200000E+08	0.000000
CAPACIDAD_VOL (6)	0.4368000E+08	0.000000
COSTO (1)	170.0000	0.000000
COSTO (2)	200.0000	0.000000
COSTO (3)	300.0000	0.000000
COSTO (4)	350.0000	0.000000
COSTO (5)	450.0000	0.000000
COSTO (6)	500.0000	0.000000
DEMANDA2_KG (1)	0.000000	0.000000
DEMANDA2_KG (2)	0.000000	0.000000
DEMANDA2_KG (3)	0.000000	0.000000
DEMANDA2_KG (4)	0.000000	0.000000
DEMANDA2_KG (5)	0.000000	0.000000
DEMANDA2_KG (6)	0.000000	0.000000
DEMANDA2_KG (7)	0.000000	0.000000
DEMANDA2_KG (8)	18.00000	0.000000
DEMANDA2_KG (9)	0.000000	0.000000
DEMANDA2_KG (10)	0.000000	0.000000
DEMANDA2_KG (11)	0.000000	0.000000
DEMANDA2_KG (12)	112.0000	0.000000
DEMANDA2_KG (13)	0.000000	0.000000
DEMANDA2_KG (14)	0.000000	0.000000
DEMANDA2_KG (15)	0.000000	0.000000
DEMANDA2_KG (16)	0.000000	0.000000
DEMANDA2_KG (17)	256.0000	0.000000
DEMANDA2_KG (18)	0.000000	0.000000
DEMANDA2_KG (19)	0.000000	0.000000
DEMANDA2_KG (20)	0.000000	0.000000
DEMANDA2_KG (21)	0.000000	0.000000
DEMANDA2_KG (22)	0.000000	0.000000
DEMANDA2_KG (23)	0.000000	0.000000
DEMANDA2_KG (24)	0.000000	0.000000
DEMANDA2_KG (25)	0.000000	0.000000
DEMANDA2_KG (26)	0.000000	0.000000
DEMANDA2_KG (27)	0.000000	0.000000
DEMANDA2_KG (28)	0.000000	0.000000
DEMANDA2_KG (29)	1.800000	0.000000
DEMANDA2_KG (30)	0.000000	0.000000
DEMANDA2_KG (31)	0.000000	0.000000
DEMANDA2_KG (32)	0.000000	0.000000
DEMANDA2_KG (33)	56.00000	0.000000
DEMANDA2_KG (34)	0.000000	0.000000
DEMANDA2_KG (35)	0.000000	0.000000
DEMANDA2_KG (36)	0.000000	0.000000
DEMANDA2_KG (37)	0.000000	0.000000

DEMANDA2_KG (38)	0.000000	0.000000
DEMANDA2_KG (39)	0.000000	0.000000
DEMANDA2_KG (40)	0.000000	0.000000
DEMANDA2_KG (41)	0.000000	0.000000
DEMANDA2_KG (42)	0.000000	0.000000
DEMANDA2_KG (43)	0.000000	0.000000
DEMANDA2_KG (44)	0.000000	0.000000
DEMANDA2_KG (45)	0.000000	0.000000
DEMANDA2_KG (46)	0.000000	0.000000
DEMANDA2_KG (47)	0.000000	0.000000
DEMANDA2_KG (48)	0.000000	0.000000
DEMANDA2_KG (49)	0.000000	0.000000
DEMANDA2_KG (50)	0.000000	0.000000
DEMANDA2_KG (51)	0.000000	0.000000
DEMANDA2_KG (52)	0.000000	0.000000
DEMANDA2_KG (53)	0.000000	0.000000
DEMANDA2_KG (54)	0.000000	0.000000
DEMANDA2_KG (55)	0.000000	0.000000
DEMANDA2_KG (56)	0.000000	0.000000
DEMANDA2_KG (57)	0.000000	0.000000
DEMANDA2_KG (58)	0.000000	0.000000
DEMANDA2_KG (59)	0.000000	0.000000
DEMANDA2_KG (60)	0.000000	0.000000
DEMANDA2_KG (61)	0.000000	0.000000
DEMANDA2_KG (62)	0.000000	0.000000
DEMANDA2_KG (63)	130.0000	0.000000
DEMANDA2_KG (64)	0.000000	0.000000
DEMANDA2_KG (65)	0.000000	0.000000
DEMANDA2_KG (66)	0.000000	0.000000
DEMANDA2_KG (67)	0.000000	0.000000
DEMANDA2_KG (68)	0.000000	0.000000
DEMANDA2_KG (69)	0.000000	0.000000
DEMANDA2_KG (70)	0.000000	0.000000
DEMANDA2_KG (71)	0.000000	0.000000
DEMANDA2_KG (72)	0.000000	0.000000
DEMANDA2_KG (73)	0.000000	0.000000
DEMANDA2_KG (74)	0.000000	0.000000
DEMANDA2_KG (75)	0.000000	0.000000
DEMANDA2_KG (76)	0.000000	0.000000
DEMANDA2_KG (77)	0.000000	0.000000
DEMANDA2_KG (78)	0.000000	0.000000
DEMANDA2_KG (79)	0.000000	0.000000
DEMANDA2_KG (80)	0.000000	0.000000
DEMANDA2_KG (81)	0.000000	0.000000
DEMANDA2_KG (82)	30.00000	0.000000
DEMANDA2_KG (83)	0.000000	0.000000
DEMANDA2_KG (84)	0.000000	0.000000
DEMANDA2_KG (85)	0.000000	0.000000
DEMANDA2_KG (86)	0.000000	0.000000
DEMANDA2_KG (87)	0.000000	0.000000
DEMANDA2_KG (88)	0.000000	0.000000
DEMANDA2_KG (89)	0.000000	0.000000
DEMANDA2_KG (90)	0.000000	0.000000
DEMANDA2_KG (91)	0.000000	0.000000
DEMANDA2_KG (92)	0.000000	0.000000
DEMANDA2_KG (93)	1.800000	0.000000
DEMANDA2_KG (94)	0.000000	0.000000
DEMANDA2_KG (95)	0.000000	0.000000
DEMANDA2_KG (96)	0.000000	0.000000
DEMANDA2_VOL (1)	0.000000	0.000000
DEMANDA2_VOL (2)	0.000000	0.000000
DEMANDA2_VOL (3)	0.000000	0.000000
DEMANDA2_VOL (4)	0.000000	0.000000
DEMANDA2_VOL (5)	0.000000	0.000000
DEMANDA2_VOL (6)	0.000000	0.000000
DEMANDA2_VOL (7)	0.000000	0.000000
DEMANDA2_VOL (8)	71040.00	0.000000
DEMANDA2_VOL (9)	0.000000	0.000000
DEMANDA2_VOL (10)	0.000000	0.000000
DEMANDA2_VOL (11)	0.000000	0.000000
DEMANDA2_VOL (12)	677040.0	0.000000

DEMANDA2_VOL (13)	0.000000	0.000000
DEMANDA2_VOL (14)	0.000000	0.000000
DEMANDA2_VOL (15)	0.000000	0.000000
DEMANDA2_VOL (16)	0.000000	0.000000
DEMANDA2_VOL (17)	902720.0	0.000000
DEMANDA2_VOL (18)	0.000000	0.000000
DEMANDA2_VOL (19)	0.000000	0.000000
DEMANDA2_VOL (20)	0.000000	0.000000
DEMANDA2_VOL (21)	0.000000	0.000000
DEMANDA2_VOL (22)	0.000000	0.000000
DEMANDA2_VOL (23)	0.000000	0.000000
DEMANDA2_VOL (24)	0.000000	0.000000
DEMANDA2_VOL (25)	0.000000	0.000000
DEMANDA2_VOL (26)	0.000000	0.000000
DEMANDA2_VOL (27)	0.000000	0.000000
DEMANDA2_VOL (28)	0.000000	0.000000
DEMANDA2_VOL (29)	7104.000	0.000000
DEMANDA2_VOL (30)	0.000000	0.000000
DEMANDA2_VOL (31)	0.000000	0.000000
DEMANDA2_VOL (32)	0.000000	0.000000
DEMANDA2_VOL (33)	394940.0	0.000000
DEMANDA2_VOL (34)	0.000000	0.000000
DEMANDA2_VOL (35)	0.000000	0.000000
DEMANDA2_VOL (36)	0.000000	0.000000
DEMANDA2_VOL (37)	0.000000	0.000000
DEMANDA2_VOL (38)	0.000000	0.000000
DEMANDA2_VOL (39)	0.000000	0.000000
DEMANDA2_VOL (40)	0.000000	0.000000
DEMANDA2_VOL (41)	0.000000	0.000000
DEMANDA2_VOL (42)	0.000000	0.000000
DEMANDA2_VOL (43)	0.000000	0.000000
DEMANDA2_VOL (44)	0.000000	0.000000
DEMANDA2_VOL (45)	0.000000	0.000000
DEMANDA2_VOL (46)	0.000000	0.000000
DEMANDA2_VOL (47)	0.000000	0.000000
DEMANDA2_VOL (48)	0.000000	0.000000
DEMANDA2_VOL (49)	0.000000	0.000000
DEMANDA2_VOL (50)	0.000000	0.000000
DEMANDA2_VOL (51)	0.000000	0.000000
DEMANDA2_VOL (52)	0.000000	0.000000
DEMANDA2_VOL (53)	0.000000	0.000000
DEMANDA2_VOL (54)	0.000000	0.000000
DEMANDA2_VOL (55)	0.000000	0.000000
DEMANDA2_VOL (56)	0.000000	0.000000
DEMANDA2_VOL (57)	0.000000	0.000000
DEMANDA2_VOL (58)	0.000000	0.000000
DEMANDA2_VOL (59)	0.000000	0.000000
DEMANDA2_VOL (60)	0.000000	0.000000
DEMANDA2_VOL (61)	0.000000	0.000000
DEMANDA2_VOL (62)	0.000000	0.000000
DEMANDA2_VOL (63)	507780.0	0.000000
DEMANDA2_VOL (64)	0.000000	0.000000
DEMANDA2_VOL (65)	0.000000	0.000000
DEMANDA2_VOL (66)	0.000000	0.000000
DEMANDA2_VOL (67)	0.000000	0.000000
DEMANDA2_VOL (68)	0.000000	0.000000
DEMANDA2_VOL (69)	0.000000	0.000000
DEMANDA2_VOL (70)	0.000000	0.000000
DEMANDA2_VOL (71)	0.000000	0.000000
DEMANDA2_VOL (72)	0.000000	0.000000
DEMANDA2_VOL (73)	0.000000	0.000000
DEMANDA2_VOL (74)	0.000000	0.000000
DEMANDA2_VOL (75)	0.000000	0.000000
DEMANDA2_VOL (76)	0.000000	0.000000
DEMANDA2_VOL (77)	0.000000	0.000000
DEMANDA2_VOL (78)	0.000000	0.000000
DEMANDA2_VOL (79)	0.000000	0.000000
DEMANDA2_VOL (80)	0.000000	0.000000
DEMANDA2_VOL (81)	0.000000	0.000000
DEMANDA2_VOL (82)	225680.0	0.000000
DEMANDA2_VOL (83)	0.000000	0.000000

DEMANDA2_VOL (84)	0.000000	0.000000
DEMANDA2_VOL (85)	0.000000	0.000000
DEMANDA2_VOL (86)	0.000000	0.000000
DEMANDA2_VOL (87)	0.000000	0.000000
DEMANDA2_VOL (88)	0.000000	0.000000
DEMANDA2_VOL (89)	0.000000	0.000000
DEMANDA2_VOL (90)	0.000000	0.000000
DEMANDA2_VOL (91)	0.000000	0.000000
DEMANDA2_VOL (92)	0.000000	0.000000
DEMANDA2_VOL (93)	7104.000	0.000000
DEMANDA2_VOL (94)	0.000000	0.000000
DEMANDA2_VOL (95)	0.000000	0.000000
DEMANDA2_VOL (96)	0.000000	0.000000
VEHICULO (1, 1)	0.000000	0.000000
VEHICULO (1, 2)	0.000000	0.000000
VEHICULO (1, 3)	1.000000	0.000000
VEHICULO (1, 4)	0.000000	0.000000
VEHICULO (1, 5)	0.000000	0.000000
VEHICULO (1, 6)	0.000000	0.000000
VEHICULO (2, 1)	0.000000	0.000000
VEHICULO (2, 2)	0.000000	0.000000
VEHICULO (2, 3)	1.000000	0.000000
VEHICULO (2, 4)	0.000000	0.000000
VEHICULO (2, 5)	0.000000	0.000000
VEHICULO (2, 6)	0.000000	0.000000
VEHICULO (3, 1)	0.000000	0.000000
VEHICULO (3, 2)	0.000000	0.000000
VEHICULO (3, 3)	1.000000	0.000000
VEHICULO (3, 4)	0.000000	0.000000
VEHICULO (3, 5)	0.000000	0.000000
VEHICULO (3, 6)	0.000000	0.000000
VEHICULO (4, 1)	0.000000	0.000000
VEHICULO (4, 2)	0.000000	0.000000
VEHICULO (4, 3)	1.000000	0.000000
VEHICULO (4, 4)	0.000000	0.000000
VEHICULO (4, 5)	0.000000	0.000000
VEHICULO (4, 6)	0.000000	0.000000
VEHICULO (5, 1)	0.000000	0.000000
VEHICULO (5, 2)	0.000000	0.000000
VEHICULO (5, 3)	1.000000	0.000000
VEHICULO (5, 4)	0.000000	0.000000
VEHICULO (5, 5)	0.000000	0.000000
VEHICULO (5, 6)	0.000000	0.000000
VEHICULO (6, 1)	0.000000	0.000000
VEHICULO (6, 2)	0.000000	0.000000
VEHICULO (6, 3)	1.000000	0.000000
VEHICULO (6, 4)	0.000000	0.000000
VEHICULO (6, 5)	0.000000	0.000000
VEHICULO (6, 6)	0.000000	0.000000
VEHICULO (7, 1)	0.000000	0.000000
VEHICULO (7, 2)	0.000000	0.000000
VEHICULO (7, 3)	1.000000	0.000000
VEHICULO (7, 4)	0.000000	0.000000
VEHICULO (7, 5)	0.000000	0.000000
VEHICULO (7, 6)	0.000000	0.000000
VEHICULO (8, 1)	1.000000	0.000000
VEHICULO (8, 2)	0.000000	0.000000
VEHICULO (8, 3)	0.000000	0.000000
VEHICULO (8, 4)	0.000000	0.000000
VEHICULO (8, 5)	0.000000	0.000000
VEHICULO (8, 6)	0.000000	0.000000
VEHICULO (9, 1)	0.000000	0.000000
VEHICULO (9, 2)	0.000000	0.000000
VEHICULO (9, 3)	1.000000	0.000000
VEHICULO (9, 4)	0.000000	0.000000
VEHICULO (9, 5)	0.000000	0.000000
VEHICULO (9, 6)	0.000000	0.000000
VEHICULO (10, 1)	0.000000	0.000000
VEHICULO (10, 2)	0.000000	0.000000
VEHICULO (10, 3)	1.000000	0.000000
VEHICULO (10, 4)	0.000000	0.000000

VEHICULO(10, 5)	0.000000	0.000000
VEHICULO(10, 6)	0.000000	0.000000
VEHICULO(11, 1)	0.000000	0.000000
VEHICULO(11, 2)	0.000000	0.000000
VEHICULO(11, 3)	1.000000	0.000000
VEHICULO(11, 4)	0.000000	0.000000
VEHICULO(11, 5)	0.000000	0.000000
VEHICULO(11, 6)	0.000000	0.000000
VEHICULO(12, 1)	1.000000	0.000000
VEHICULO(12, 2)	0.000000	0.000000
VEHICULO(12, 3)	0.000000	0.000000
VEHICULO(12, 4)	0.000000	0.000000
VEHICULO(12, 5)	0.000000	0.000000
VEHICULO(12, 6)	0.000000	0.000000
VEHICULO(13, 1)	0.000000	0.000000
VEHICULO(13, 2)	0.000000	0.000000
VEHICULO(13, 3)	1.000000	0.000000
VEHICULO(13, 4)	0.000000	0.000000
VEHICULO(13, 5)	0.000000	0.000000
VEHICULO(13, 6)	0.000000	0.000000
VEHICULO(14, 1)	0.000000	0.000000
VEHICULO(14, 2)	0.000000	0.000000
VEHICULO(14, 3)	1.000000	0.000000
VEHICULO(14, 4)	0.000000	0.000000
VEHICULO(14, 5)	0.000000	0.000000
VEHICULO(14, 6)	0.000000	0.000000
VEHICULO(15, 1)	0.000000	0.000000
VEHICULO(15, 2)	0.000000	0.000000
VEHICULO(15, 3)	1.000000	0.000000
VEHICULO(15, 4)	0.000000	0.000000
VEHICULO(15, 5)	0.000000	0.000000
VEHICULO(15, 6)	0.000000	0.000000
VEHICULO(16, 1)	0.000000	0.000000
VEHICULO(16, 2)	0.000000	0.000000
VEHICULO(16, 3)	1.000000	0.000000
VEHICULO(16, 4)	0.000000	0.000000
VEHICULO(16, 5)	0.000000	0.000000
VEHICULO(16, 6)	0.000000	0.000000
VEHICULO(17, 1)	1.000000	0.000000
VEHICULO(17, 2)	0.000000	0.000000
VEHICULO(17, 3)	0.000000	0.000000
VEHICULO(17, 4)	0.000000	0.000000
VEHICULO(17, 5)	0.000000	0.000000
VEHICULO(17, 6)	0.000000	0.000000
VEHICULO(18, 1)	0.000000	0.000000
VEHICULO(18, 2)	0.000000	0.000000
VEHICULO(18, 3)	1.000000	0.000000
VEHICULO(18, 4)	0.000000	0.000000
VEHICULO(18, 5)	0.000000	0.000000
VEHICULO(18, 6)	0.000000	0.000000
VEHICULO(19, 1)	0.000000	0.000000
VEHICULO(19, 2)	0.000000	0.000000
VEHICULO(19, 3)	1.000000	0.000000
VEHICULO(19, 4)	0.000000	0.000000
VEHICULO(19, 5)	0.000000	0.000000
VEHICULO(19, 6)	0.000000	0.000000
VEHICULO(20, 1)	0.000000	0.000000
VEHICULO(20, 2)	0.000000	0.000000
VEHICULO(20, 3)	1.000000	0.000000
VEHICULO(20, 4)	0.000000	0.000000
VEHICULO(20, 5)	0.000000	0.000000
VEHICULO(20, 6)	0.000000	0.000000
VEHICULO(21, 1)	0.000000	0.000000
VEHICULO(21, 2)	0.000000	0.000000
VEHICULO(21, 3)	1.000000	0.000000
VEHICULO(21, 4)	0.000000	0.000000
VEHICULO(21, 5)	0.000000	0.000000
VEHICULO(21, 6)	0.000000	0.000000
VEHICULO(22, 1)	0.000000	0.000000
VEHICULO(22, 2)	0.000000	0.000000
VEHICULO(22, 3)	1.000000	0.000000

VEHICULO (22, 4)	0.000000	0.000000
VEHICULO (22, 5)	0.000000	0.000000
VEHICULO (22, 6)	0.000000	0.000000
VEHICULO (23, 1)	0.000000	0.000000
VEHICULO (23, 2)	0.000000	0.000000
VEHICULO (23, 3)	1.000000	0.000000
VEHICULO (23, 4)	0.000000	0.000000
VEHICULO (23, 5)	0.000000	0.000000
VEHICULO (23, 6)	0.000000	0.000000
VEHICULO (24, 1)	0.000000	0.000000
VEHICULO (24, 2)	0.000000	0.000000
VEHICULO (24, 3)	1.000000	0.000000
VEHICULO (24, 4)	0.000000	0.000000
VEHICULO (24, 5)	0.000000	0.000000
VEHICULO (24, 6)	0.000000	0.000000
VEHICULO (25, 1)	0.000000	0.000000
VEHICULO (25, 2)	0.000000	0.000000
VEHICULO (25, 3)	1.000000	0.000000
VEHICULO (25, 4)	0.000000	0.000000
VEHICULO (25, 5)	0.000000	0.000000
VEHICULO (25, 6)	0.000000	0.000000
VEHICULO (26, 1)	0.000000	0.000000
VEHICULO (26, 2)	0.000000	0.000000
VEHICULO (26, 3)	1.000000	0.000000
VEHICULO (26, 4)	0.000000	0.000000
VEHICULO (26, 5)	0.000000	0.000000
VEHICULO (26, 6)	0.000000	0.000000
VEHICULO (27, 1)	0.000000	0.000000
VEHICULO (27, 2)	0.000000	0.000000
VEHICULO (27, 3)	1.000000	0.000000
VEHICULO (27, 4)	0.000000	0.000000
VEHICULO (27, 5)	0.000000	0.000000
VEHICULO (27, 6)	0.000000	0.000000
VEHICULO (28, 1)	0.000000	0.000000
VEHICULO (28, 2)	0.000000	0.000000
VEHICULO (28, 3)	1.000000	0.000000
VEHICULO (28, 4)	0.000000	0.000000
VEHICULO (28, 5)	0.000000	0.000000
VEHICULO (28, 6)	0.000000	0.000000
VEHICULO (29, 1)	1.000000	0.000000
VEHICULO (29, 2)	0.000000	0.000000
VEHICULO (29, 3)	0.000000	0.000000
VEHICULO (29, 4)	0.000000	0.000000
VEHICULO (29, 5)	0.000000	0.000000
VEHICULO (29, 6)	0.000000	0.000000
VEHICULO (30, 1)	0.000000	0.000000
VEHICULO (30, 2)	0.000000	0.000000
VEHICULO (30, 3)	1.000000	0.000000
VEHICULO (30, 4)	0.000000	0.000000
VEHICULO (30, 5)	0.000000	0.000000
VEHICULO (30, 6)	0.000000	0.000000
VEHICULO (31, 1)	0.000000	0.000000
VEHICULO (31, 2)	0.000000	0.000000
VEHICULO (31, 3)	1.000000	0.000000
VEHICULO (31, 4)	0.000000	0.000000
VEHICULO (31, 5)	0.000000	0.000000
VEHICULO (31, 6)	0.000000	0.000000
VEHICULO (32, 1)	0.000000	0.000000
VEHICULO (32, 2)	0.000000	0.000000
VEHICULO (32, 3)	1.000000	0.000000
VEHICULO (32, 4)	0.000000	0.000000
VEHICULO (32, 5)	0.000000	0.000000
VEHICULO (32, 6)	0.000000	0.000000
VEHICULO (33, 1)	1.000000	0.000000
VEHICULO (33, 2)	0.000000	0.000000
VEHICULO (33, 3)	0.000000	0.000000
VEHICULO (33, 4)	0.000000	0.000000
VEHICULO (33, 5)	0.000000	0.000000
VEHICULO (33, 6)	0.000000	0.000000
VEHICULO (34, 1)	0.000000	0.000000
VEHICULO (34, 2)	0.000000	0.000000

VEHICULO (34, 3)	1.000000	0.000000
VEHICULO (34, 4)	0.000000	0.000000
VEHICULO (34, 5)	0.000000	0.000000
VEHICULO (34, 6)	0.000000	0.000000
VEHICULO (35, 1)	0.000000	0.000000
VEHICULO (35, 2)	0.000000	0.000000
VEHICULO (35, 3)	1.000000	0.000000
VEHICULO (35, 4)	0.000000	0.000000
VEHICULO (35, 5)	0.000000	0.000000
VEHICULO (35, 6)	0.000000	0.000000
VEHICULO (36, 1)	0.000000	0.000000
VEHICULO (36, 2)	0.000000	0.000000
VEHICULO (36, 3)	1.000000	0.000000
VEHICULO (36, 4)	0.000000	0.000000
VEHICULO (36, 5)	0.000000	0.000000
VEHICULO (36, 6)	0.000000	0.000000
VEHICULO (37, 1)	0.000000	0.000000
VEHICULO (37, 2)	0.000000	0.000000
VEHICULO (37, 3)	1.000000	0.000000
VEHICULO (37, 4)	0.000000	0.000000
VEHICULO (37, 5)	0.000000	0.000000
VEHICULO (37, 6)	0.000000	0.000000
VEHICULO (38, 1)	0.000000	0.000000
VEHICULO (38, 2)	0.000000	0.000000
VEHICULO (38, 3)	1.000000	0.000000
VEHICULO (38, 4)	0.000000	0.000000
VEHICULO (38, 5)	0.000000	0.000000
VEHICULO (38, 6)	0.000000	0.000000
VEHICULO (39, 1)	0.000000	0.000000
VEHICULO (39, 2)	0.000000	0.000000
VEHICULO (39, 3)	1.000000	0.000000
VEHICULO (39, 4)	0.000000	0.000000
VEHICULO (39, 5)	0.000000	0.000000
VEHICULO (39, 6)	0.000000	0.000000
VEHICULO (40, 1)	0.000000	0.000000
VEHICULO (40, 2)	0.000000	0.000000
VEHICULO (40, 3)	1.000000	0.000000
VEHICULO (40, 4)	0.000000	0.000000
VEHICULO (40, 5)	0.000000	0.000000
VEHICULO (40, 6)	0.000000	0.000000
VEHICULO (41, 1)	0.000000	0.000000
VEHICULO (41, 2)	0.000000	0.000000
VEHICULO (41, 3)	1.000000	0.000000
VEHICULO (41, 4)	0.000000	0.000000
VEHICULO (41, 5)	0.000000	0.000000
VEHICULO (41, 6)	0.000000	0.000000
VEHICULO (42, 1)	0.000000	0.000000
VEHICULO (42, 2)	0.000000	0.000000
VEHICULO (42, 3)	1.000000	0.000000
VEHICULO (42, 4)	0.000000	0.000000
VEHICULO (42, 5)	0.000000	0.000000
VEHICULO (42, 6)	0.000000	0.000000
VEHICULO (43, 1)	0.000000	0.000000
VEHICULO (43, 2)	0.000000	0.000000
VEHICULO (43, 3)	1.000000	0.000000
VEHICULO (43, 4)	0.000000	0.000000
VEHICULO (43, 5)	0.000000	0.000000
VEHICULO (43, 6)	0.000000	0.000000
VEHICULO (44, 1)	0.000000	0.000000
VEHICULO (44, 2)	0.000000	0.000000
VEHICULO (44, 3)	1.000000	0.000000
VEHICULO (44, 4)	0.000000	0.000000
VEHICULO (44, 5)	0.000000	0.000000
VEHICULO (44, 6)	0.000000	0.000000
VEHICULO (45, 1)	0.000000	0.000000
VEHICULO (45, 2)	0.000000	0.000000
VEHICULO (45, 3)	1.000000	0.000000
VEHICULO (45, 4)	0.000000	0.000000
VEHICULO (45, 5)	0.000000	0.000000
VEHICULO (45, 6)	0.000000	0.000000
VEHICULO (46, 1)	0.000000	0.000000

VEHICULO (46, 2)	0.000000	0.000000
VEHICULO (46, 3)	1.000000	0.000000
VEHICULO (46, 4)	0.000000	0.000000
VEHICULO (46, 5)	0.000000	0.000000
VEHICULO (46, 6)	0.000000	0.000000
VEHICULO (47, 1)	0.000000	0.000000
VEHICULO (47, 2)	0.000000	0.000000
VEHICULO (47, 3)	1.000000	0.000000
VEHICULO (47, 4)	0.000000	0.000000
VEHICULO (47, 5)	0.000000	0.000000
VEHICULO (47, 6)	0.000000	0.000000
VEHICULO (48, 1)	0.000000	0.000000
VEHICULO (48, 2)	0.000000	0.000000
VEHICULO (48, 3)	1.000000	0.000000
VEHICULO (48, 4)	0.000000	0.000000
VEHICULO (48, 5)	0.000000	0.000000
VEHICULO (48, 6)	0.000000	0.000000
VEHICULO (49, 1)	0.000000	0.000000
VEHICULO (49, 2)	0.000000	0.000000
VEHICULO (49, 3)	1.000000	0.000000
VEHICULO (49, 4)	0.000000	0.000000
VEHICULO (49, 5)	0.000000	0.000000
VEHICULO (49, 6)	0.000000	0.000000
VEHICULO (50, 1)	0.000000	0.000000
VEHICULO (50, 2)	0.000000	0.000000
VEHICULO (50, 3)	1.000000	0.000000
VEHICULO (50, 4)	0.000000	0.000000
VEHICULO (50, 5)	0.000000	0.000000
VEHICULO (50, 6)	0.000000	0.000000
VEHICULO (51, 1)	0.000000	0.000000
VEHICULO (51, 2)	0.000000	0.000000
VEHICULO (51, 3)	1.000000	0.000000
VEHICULO (51, 4)	0.000000	0.000000
VEHICULO (51, 5)	0.000000	0.000000
VEHICULO (51, 6)	0.000000	0.000000
VEHICULO (52, 1)	0.000000	0.000000
VEHICULO (52, 2)	0.000000	0.000000
VEHICULO (52, 3)	1.000000	0.000000
VEHICULO (52, 4)	0.000000	0.000000
VEHICULO (52, 5)	0.000000	0.000000
VEHICULO (52, 6)	0.000000	0.000000
VEHICULO (53, 1)	0.000000	0.000000
VEHICULO (53, 2)	0.000000	0.000000
VEHICULO (53, 3)	1.000000	0.000000
VEHICULO (53, 4)	0.000000	0.000000
VEHICULO (53, 5)	0.000000	0.000000
VEHICULO (53, 6)	0.000000	0.000000
VEHICULO (54, 1)	0.000000	0.000000
VEHICULO (54, 2)	0.000000	0.000000
VEHICULO (54, 3)	1.000000	0.000000
VEHICULO (54, 4)	0.000000	0.000000
VEHICULO (54, 5)	0.000000	0.000000
VEHICULO (54, 6)	0.000000	0.000000
VEHICULO (55, 1)	0.000000	0.000000
VEHICULO (55, 2)	0.000000	0.000000
VEHICULO (55, 3)	1.000000	0.000000
VEHICULO (55, 4)	0.000000	0.000000
VEHICULO (55, 5)	0.000000	0.000000
VEHICULO (55, 6)	0.000000	0.000000
VEHICULO (56, 1)	0.000000	0.000000
VEHICULO (56, 2)	0.000000	0.000000
VEHICULO (56, 3)	1.000000	0.000000
VEHICULO (56, 4)	0.000000	0.000000
VEHICULO (56, 5)	0.000000	0.000000
VEHICULO (56, 6)	0.000000	0.000000
VEHICULO (57, 1)	0.000000	0.000000
VEHICULO (57, 2)	0.000000	0.000000
VEHICULO (57, 3)	1.000000	0.000000
VEHICULO (57, 4)	0.000000	0.000000
VEHICULO (57, 5)	0.000000	0.000000
VEHICULO (57, 6)	0.000000	0.000000

VEHICULO (58, 1)	0.000000	0.000000
VEHICULO (58, 2)	0.000000	0.000000
VEHICULO (58, 3)	1.000000	0.000000
VEHICULO (58, 4)	0.000000	0.000000
VEHICULO (58, 5)	0.000000	0.000000
VEHICULO (58, 6)	0.000000	0.000000
VEHICULO (59, 1)	0.000000	0.000000
VEHICULO (59, 2)	0.000000	0.000000
VEHICULO (59, 3)	1.000000	0.000000
VEHICULO (59, 4)	0.000000	0.000000
VEHICULO (59, 5)	0.000000	0.000000
VEHICULO (59, 6)	0.000000	0.000000
VEHICULO (60, 1)	0.000000	0.000000
VEHICULO (60, 2)	0.000000	0.000000
VEHICULO (60, 3)	1.000000	0.000000
VEHICULO (60, 4)	0.000000	0.000000
VEHICULO (60, 5)	0.000000	0.000000
VEHICULO (60, 6)	0.000000	0.000000
VEHICULO (61, 1)	0.000000	0.000000
VEHICULO (61, 2)	0.000000	0.000000
VEHICULO (61, 3)	1.000000	0.000000
VEHICULO (61, 4)	0.000000	0.000000
VEHICULO (61, 5)	0.000000	0.000000
VEHICULO (61, 6)	0.000000	0.000000
VEHICULO (62, 1)	0.000000	0.000000
VEHICULO (62, 2)	0.000000	0.000000
VEHICULO (62, 3)	1.000000	0.000000
VEHICULO (62, 4)	0.000000	0.000000
VEHICULO (62, 5)	0.000000	0.000000
VEHICULO (62, 6)	0.000000	0.000000
VEHICULO (63, 1)	1.000000	0.000000
VEHICULO (63, 2)	0.000000	0.000000
VEHICULO (63, 3)	0.000000	0.000000
VEHICULO (63, 4)	0.000000	0.000000
VEHICULO (63, 5)	0.000000	0.000000
VEHICULO (63, 6)	0.000000	0.000000
VEHICULO (64, 1)	0.000000	0.000000
VEHICULO (64, 2)	0.000000	0.000000
VEHICULO (64, 3)	1.000000	0.000000
VEHICULO (64, 4)	0.000000	0.000000
VEHICULO (64, 5)	0.000000	0.000000
VEHICULO (64, 6)	0.000000	0.000000
VEHICULO (65, 1)	0.000000	0.000000
VEHICULO (65, 2)	0.000000	0.000000
VEHICULO (65, 3)	1.000000	0.000000
VEHICULO (65, 4)	0.000000	0.000000
VEHICULO (65, 5)	0.000000	0.000000
VEHICULO (65, 6)	0.000000	0.000000
VEHICULO (66, 1)	0.000000	0.000000
VEHICULO (66, 2)	0.000000	0.000000
VEHICULO (66, 3)	1.000000	0.000000
VEHICULO (66, 4)	0.000000	0.000000
VEHICULO (66, 5)	0.000000	0.000000
VEHICULO (66, 6)	0.000000	0.000000
VEHICULO (67, 1)	0.000000	0.000000
VEHICULO (67, 2)	0.000000	0.000000
VEHICULO (67, 3)	1.000000	0.000000
VEHICULO (67, 4)	0.000000	0.000000
VEHICULO (67, 5)	0.000000	0.000000
VEHICULO (67, 6)	0.000000	0.000000
VEHICULO (68, 1)	0.000000	0.000000
VEHICULO (68, 2)	0.000000	0.000000
VEHICULO (68, 3)	1.000000	0.000000
VEHICULO (68, 4)	0.000000	0.000000
VEHICULO (68, 5)	0.000000	0.000000
VEHICULO (68, 6)	0.000000	0.000000
VEHICULO (69, 1)	0.000000	0.000000
VEHICULO (69, 2)	0.000000	0.000000
VEHICULO (69, 3)	1.000000	0.000000
VEHICULO (69, 4)	0.000000	0.000000
VEHICULO (69, 5)	0.000000	0.000000

VEHICULO (69, 6)	0.000000	0.000000
VEHICULO (70, 1)	0.000000	0.000000
VEHICULO (70, 2)	0.000000	0.000000
VEHICULO (70, 3)	1.000000	0.000000
VEHICULO (70, 4)	0.000000	0.000000
VEHICULO (70, 5)	0.000000	0.000000
VEHICULO (70, 6)	0.000000	0.000000
VEHICULO (71, 1)	0.000000	0.000000
VEHICULO (71, 2)	0.000000	0.000000
VEHICULO (71, 3)	1.000000	0.000000
VEHICULO (71, 4)	0.000000	0.000000
VEHICULO (71, 5)	0.000000	0.000000
VEHICULO (71, 6)	0.000000	0.000000
VEHICULO (72, 1)	0.000000	0.000000
VEHICULO (72, 2)	0.000000	0.000000
VEHICULO (72, 3)	1.000000	0.000000
VEHICULO (72, 4)	0.000000	0.000000
VEHICULO (72, 5)	0.000000	0.000000
VEHICULO (72, 6)	0.000000	0.000000
VEHICULO (73, 1)	0.000000	0.000000
VEHICULO (73, 2)	0.000000	0.000000
VEHICULO (73, 3)	1.000000	0.000000
VEHICULO (73, 4)	0.000000	0.000000
VEHICULO (73, 5)	0.000000	0.000000
VEHICULO (73, 6)	0.000000	0.000000
VEHICULO (74, 1)	0.000000	0.000000
VEHICULO (74, 2)	0.000000	0.000000
VEHICULO (74, 3)	1.000000	0.000000
VEHICULO (74, 4)	0.000000	0.000000
VEHICULO (74, 5)	0.000000	0.000000
VEHICULO (74, 6)	0.000000	0.000000
VEHICULO (75, 1)	0.000000	0.000000
VEHICULO (75, 2)	0.000000	0.000000
VEHICULO (75, 3)	1.000000	0.000000
VEHICULO (75, 4)	0.000000	0.000000
VEHICULO (75, 5)	0.000000	0.000000
VEHICULO (75, 6)	0.000000	0.000000
VEHICULO (76, 1)	0.000000	0.000000
VEHICULO (76, 2)	0.000000	0.000000
VEHICULO (76, 3)	1.000000	0.000000
VEHICULO (76, 4)	0.000000	0.000000
VEHICULO (76, 5)	0.000000	0.000000
VEHICULO (76, 6)	0.000000	0.000000
VEHICULO (77, 1)	0.000000	0.000000
VEHICULO (77, 2)	0.000000	0.000000
VEHICULO (77, 3)	1.000000	0.000000
VEHICULO (77, 4)	0.000000	0.000000
VEHICULO (77, 5)	0.000000	0.000000
VEHICULO (77, 6)	0.000000	0.000000
VEHICULO (78, 1)	0.000000	0.000000
VEHICULO (78, 2)	0.000000	0.000000
VEHICULO (78, 3)	1.000000	0.000000
VEHICULO (78, 4)	0.000000	0.000000
VEHICULO (78, 5)	0.000000	0.000000
VEHICULO (78, 6)	0.000000	0.000000
VEHICULO (79, 1)	0.000000	0.000000
VEHICULO (79, 2)	0.000000	0.000000
VEHICULO (79, 3)	1.000000	0.000000
VEHICULO (79, 4)	0.000000	0.000000
VEHICULO (79, 5)	0.000000	0.000000
VEHICULO (79, 6)	0.000000	0.000000
VEHICULO (80, 1)	0.000000	0.000000
VEHICULO (80, 2)	0.000000	0.000000
VEHICULO (80, 3)	1.000000	0.000000
VEHICULO (80, 4)	0.000000	0.000000
VEHICULO (80, 5)	0.000000	0.000000
VEHICULO (80, 6)	0.000000	0.000000
VEHICULO (81, 1)	0.000000	0.000000
VEHICULO (81, 2)	0.000000	0.000000
VEHICULO (81, 3)	1.000000	0.000000
VEHICULO (81, 4)	0.000000	0.000000

VEHICULO (81, 5)	0.000000	0.000000
VEHICULO (81, 6)	0.000000	0.000000
VEHICULO (82, 1)	1.000000	0.000000
VEHICULO (82, 2)	0.000000	0.000000
VEHICULO (82, 3)	0.000000	0.000000
VEHICULO (82, 4)	0.000000	0.000000
VEHICULO (82, 5)	0.000000	0.000000
VEHICULO (82, 6)	0.000000	0.000000
VEHICULO (83, 1)	0.000000	0.000000
VEHICULO (83, 2)	0.000000	0.000000
VEHICULO (83, 3)	1.000000	0.000000
VEHICULO (83, 4)	0.000000	0.000000
VEHICULO (83, 5)	0.000000	0.000000
VEHICULO (83, 6)	0.000000	0.000000
VEHICULO (84, 1)	0.000000	0.000000
VEHICULO (84, 2)	0.000000	0.000000
VEHICULO (84, 3)	1.000000	0.000000
VEHICULO (84, 4)	0.000000	0.000000
VEHICULO (84, 5)	0.000000	0.000000
VEHICULO (84, 6)	0.000000	0.000000
VEHICULO (85, 1)	0.000000	0.000000
VEHICULO (85, 2)	0.000000	0.000000
VEHICULO (85, 3)	1.000000	0.000000
VEHICULO (85, 4)	0.000000	0.000000
VEHICULO (85, 5)	0.000000	0.000000
VEHICULO (85, 6)	0.000000	0.000000
VEHICULO (86, 1)	0.000000	0.000000
VEHICULO (86, 2)	0.000000	0.000000
VEHICULO (86, 3)	1.000000	0.000000
VEHICULO (86, 4)	0.000000	0.000000
VEHICULO (86, 5)	0.000000	0.000000
VEHICULO (86, 6)	0.000000	0.000000
VEHICULO (87, 1)	0.000000	0.000000
VEHICULO (87, 2)	0.000000	0.000000
VEHICULO (87, 3)	1.000000	0.000000
VEHICULO (87, 4)	0.000000	0.000000
VEHICULO (87, 5)	0.000000	0.000000
VEHICULO (87, 6)	0.000000	0.000000
VEHICULO (88, 1)	0.000000	0.000000
VEHICULO (88, 2)	0.000000	0.000000
VEHICULO (88, 3)	1.000000	0.000000
VEHICULO (88, 4)	0.000000	0.000000
VEHICULO (88, 5)	0.000000	0.000000
VEHICULO (88, 6)	0.000000	0.000000
VEHICULO (89, 1)	0.000000	0.000000
VEHICULO (89, 2)	0.000000	0.000000
VEHICULO (89, 3)	1.000000	0.000000
VEHICULO (89, 4)	0.000000	0.000000
VEHICULO (89, 5)	0.000000	0.000000
VEHICULO (89, 6)	0.000000	0.000000
VEHICULO (90, 1)	0.000000	0.000000
VEHICULO (90, 2)	0.000000	0.000000
VEHICULO (90, 3)	1.000000	0.000000
VEHICULO (90, 4)	0.000000	0.000000
VEHICULO (90, 5)	0.000000	0.000000
VEHICULO (90, 6)	0.000000	0.000000
VEHICULO (91, 1)	0.000000	0.000000
VEHICULO (91, 2)	0.000000	0.000000
VEHICULO (91, 3)	1.000000	0.000000
VEHICULO (91, 4)	0.000000	0.000000
VEHICULO (91, 5)	0.000000	0.000000
VEHICULO (91, 6)	0.000000	0.000000
VEHICULO (92, 1)	0.000000	0.000000
VEHICULO (92, 2)	0.000000	0.000000
VEHICULO (92, 3)	1.000000	0.000000
VEHICULO (92, 4)	0.000000	0.000000
VEHICULO (92, 5)	0.000000	0.000000
VEHICULO (92, 6)	0.000000	0.000000
VEHICULO (93, 1)	1.000000	0.000000
VEHICULO (93, 2)	0.000000	0.000000

VEHICULO (93, 3)	0.000000	0.000000
VEHICULO (93, 4)	0.000000	0.000000
VEHICULO (93, 5)	0.000000	0.000000
VEHICULO (93, 6)	0.000000	0.000000
VEHICULO (94, 1)	0.000000	0.000000
VEHICULO (94, 2)	0.000000	0.000000
VEHICULO (94, 3)	1.000000	0.000000
VEHICULO (94, 4)	0.000000	0.000000
VEHICULO (94, 5)	0.000000	0.000000
VEHICULO (94, 6)	0.000000	0.000000
VEHICULO (95, 1)	0.000000	0.000000
VEHICULO (95, 2)	0.000000	0.000000
VEHICULO (95, 3)	1.000000	0.000000
VEHICULO (95, 4)	0.000000	0.000000
VEHICULO (95, 5)	0.000000	0.000000
VEHICULO (95, 6)	0.000000	0.000000
VEHICULO (96, 1)	0.000000	0.000000
VEHICULO (96, 2)	0.000000	0.000000
VEHICULO (96, 3)	1.000000	0.000000
VEHICULO (96, 4)	0.000000	0.000000
VEHICULO (96, 5)	0.000000	0.000000
VEHICULO (96, 6)	0.000000	0.000000

Row	Slack or Surplus	Dual Price
1	170.0000	-1.000000
2	894.4000	0.000000
3	0.000000	0.000000
4	0.000000	0.000000
5	0.000000	0.000000
6	0.000000	0.000000
7	0.000000	0.000000
8	6206592.	0.000000
9	0.000000	0.000000
10	0.000000	0.000000
11	0.000000	0.000000
12	0.000000	0.000000
13	0.000000	0.000000
14	0.000000	0.000000
15	0.000000	0.000000
16	0.000000	0.000000
17	0.000000	0.000000
18	0.000000	0.000000
19	0.000000	0.000000
20	0.000000	0.000000
21	0.000000	0.000000
22	0.000000	0.000000
23	0.000000	0.000000
24	0.000000	0.000000
25	0.000000	0.000000
26	0.000000	0.000000
27	0.000000	0.000000
28	0.000000	0.000000
29	0.000000	0.000000
30	0.000000	0.000000
31	0.000000	0.000000
32	0.000000	0.000000
33	0.000000	0.000000
34	0.000000	0.000000
35	0.000000	0.000000
36	0.000000	0.000000
37	0.000000	0.000000
38	0.000000	0.000000
39	0.000000	0.000000
40	0.000000	0.000000
41	0.000000	0.000000
42	0.000000	0.000000
43	0.000000	0.000000
44	0.000000	0.000000
45	0.000000	0.000000
46	0.000000	0.000000
47	0.000000	0.000000

48	0.000000	0.000000
49	0.000000	0.000000
50	0.000000	0.000000
51	0.000000	0.000000
52	0.000000	0.000000
53	0.000000	0.000000
54	0.000000	0.000000
55	0.000000	0.000000
56	0.000000	0.000000
57	0.000000	0.000000
58	0.000000	0.000000
59	0.000000	0.000000
60	0.000000	0.000000
61	0.000000	0.000000
62	0.000000	0.000000
63	0.000000	0.000000
64	0.000000	0.000000
65	0.000000	0.000000
66	0.000000	0.000000
67	0.000000	0.000000
68	0.000000	0.000000
69	0.000000	0.000000
70	0.000000	0.000000
71	0.000000	0.000000
72	0.000000	0.000000
73	0.000000	0.000000
74	0.000000	0.000000
75	0.000000	0.000000
76	0.000000	0.000000
77	0.000000	0.000000
78	0.000000	0.000000
79	0.000000	0.000000
80	0.000000	0.000000
81	0.000000	0.000000
82	0.000000	0.000000
83	0.000000	0.000000
84	0.000000	0.000000
85	0.000000	0.000000
86	0.000000	0.000000
87	0.000000	0.000000
88	0.000000	0.000000
89	0.000000	0.000000
90	0.000000	0.000000
91	0.000000	0.000000
92	0.000000	0.000000
93	0.000000	0.000000
94	0.000000	0.000000
95	0.000000	0.000000
96	0.000000	0.000000
97	0.000000	0.000000
98	0.000000	0.000000
99	0.000000	0.000000
100	0.000000	0.000000
101	0.000000	0.000000
102	0.000000	0.000000
103	0.000000	0.000000
104	0.000000	0.000000
105	0.000000	0.000000
106	0.000000	0.000000
107	0.000000	0.000000
108	0.000000	0.000000
109	0.000000	0.000000

Figura 12. Solución para día 3

```

Global optimal solution found.
Objective value:                200.0000
Objective bound:                200.0000
Infeasibilities:                0.000000
Extended solver steps:         0
    
```

Total solver iterations:

119

Variable	Value	Reduced Cost
CANT_VEHICULO (1)	0.000000	170.0000
CANT_VEHICULO (2)	1.000000	200.0000
CANT_VEHICULO (3)	0.000000	300.0000
CANT_VEHICULO (4)	0.000000	350.0000
CANT_VEHICULO (5)	0.000000	450.0000
CANT_VEHICULO (6)	0.000000	500.0000
CAPACIDAD_KG (1)	1500.000	0.000000
CAPACIDAD_KG (2)	4000.000	0.000000
CAPACIDAD_KG (3)	8000.000	0.000000
CAPACIDAD_KG (4)	10000.00	0.000000
CAPACIDAD_KG (5)	12000.00	0.000000
CAPACIDAD_KG (6)	14000.00	0.000000
CAPACIDAD_VOL (1)	9000000.	0.000000
CAPACIDAD_VOL (2)	0.1200000E+08	0.000000
CAPACIDAD_VOL (3)	0.1700000E+08	0.000000
CAPACIDAD_VOL (4)	0.2100000E+08	0.000000
CAPACIDAD_VOL (5)	0.3200000E+08	0.000000
CAPACIDAD_VOL (6)	0.4368000E+08	0.000000
COSTO (1)	170.0000	0.000000
COSTO (2)	200.0000	0.000000
COSTO (3)	300.0000	0.000000
COSTO (4)	350.0000	0.000000
COSTO (5)	450.0000	0.000000
COSTO (6)	500.0000	0.000000
DEMANDA3_KG (1)	0.000000	0.000000
DEMANDA3_KG (2)	0.000000	0.000000
DEMANDA3_KG (3)	0.000000	0.000000
DEMANDA3_KG (4)	0.000000	0.000000
DEMANDA3_KG (5)	0.000000	0.000000
DEMANDA3_KG (6)	0.000000	0.000000
DEMANDA3_KG (7)	0.000000	0.000000
DEMANDA3_KG (8)	805.8000	0.000000
DEMANDA3_KG (9)	84.00000	0.000000
DEMANDA3_KG (10)	102.0000	0.000000
DEMANDA3_KG (11)	0.000000	0.000000
DEMANDA3_KG (12)	118.0000	0.000000
DEMANDA3_KG (13)	0.000000	0.000000
DEMANDA3_KG (14)	0.000000	0.000000
DEMANDA3_KG (15)	0.000000	0.000000
DEMANDA3_KG (16)	0.000000	0.000000
DEMANDA3_KG (17)	0.000000	0.000000
DEMANDA3_KG (18)	0.000000	0.000000
DEMANDA3_KG (19)	0.000000	0.000000
DEMANDA3_KG (20)	0.000000	0.000000
DEMANDA3_KG (21)	0.000000	0.000000
DEMANDA3_KG (22)	0.000000	0.000000
DEMANDA3_KG (23)	0.000000	0.000000
DEMANDA3_KG (24)	50.00000	0.000000
DEMANDA3_KG (25)	36.00000	0.000000
DEMANDA3_KG (26)	0.000000	0.000000
DEMANDA3_KG (27)	0.000000	0.000000
DEMANDA3_KG (28)	0.000000	0.000000
DEMANDA3_KG (29)	0.000000	0.000000
DEMANDA3_KG (30)	0.000000	0.000000
DEMANDA3_KG (31)	0.000000	0.000000
DEMANDA3_KG (32)	0.000000	0.000000
DEMANDA3_KG (33)	0.000000	0.000000
DEMANDA3_KG (34)	0.000000	0.000000
DEMANDA3_KG (35)	0.000000	0.000000
DEMANDA3_KG (36)	0.000000	0.000000
DEMANDA3_KG (37)	0.000000	0.000000
DEMANDA3_KG (38)	0.000000	0.000000
DEMANDA3_KG (39)	0.000000	0.000000
DEMANDA3_KG (40)	0.000000	0.000000
DEMANDA3_KG (41)	0.000000	0.000000
DEMANDA3_KG (42)	34.00000	0.000000
DEMANDA3_KG (43)	32.00000	0.000000

DEMANDA3_KG (44)	0.000000	0.000000
DEMANDA3_KG (45)	0.000000	0.000000
DEMANDA3_KG (46)	0.000000	0.000000
DEMANDA3_KG (47)	0.000000	0.000000
DEMANDA3_KG (48)	0.000000	0.000000
DEMANDA3_KG (49)	0.000000	0.000000
DEMANDA3_KG (50)	0.000000	0.000000
DEMANDA3_KG (51)	0.000000	0.000000
DEMANDA3_KG (52)	0.000000	0.000000
DEMANDA3_KG (53)	68.00000	0.000000
DEMANDA3_KG (54)	0.000000	0.000000
DEMANDA3_KG (55)	0.000000	0.000000
DEMANDA3_KG (56)	0.000000	0.000000
DEMANDA3_KG (57)	0.000000	0.000000
DEMANDA3_KG (58)	0.000000	0.000000
DEMANDA3_KG (59)	0.000000	0.000000
DEMANDA3_KG (60)	0.000000	0.000000
DEMANDA3_KG (61)	0.000000	0.000000
DEMANDA3_KG (62)	0.000000	0.000000
DEMANDA3_KG (63)	0.000000	0.000000
DEMANDA3_KG (64)	0.000000	0.000000
DEMANDA3_KG (65)	0.000000	0.000000
DEMANDA3_KG (66)	0.000000	0.000000
DEMANDA3_KG (67)	0.000000	0.000000
DEMANDA3_KG (68)	278.0000	0.000000
DEMANDA3_KG (69)	0.000000	0.000000
DEMANDA3_KG (70)	0.000000	0.000000
DEMANDA3_KG (71)	0.000000	0.000000
DEMANDA3_KG (72)	0.000000	0.000000
DEMANDA3_KG (73)	0.000000	0.000000
DEMANDA3_KG (74)	0.000000	0.000000
DEMANDA3_KG (75)	90.00000	0.000000
DEMANDA3_KG (76)	176.0000	0.000000
DEMANDA3_KG (77)	0.000000	0.000000
DEMANDA3_KG (78)	0.000000	0.000000
DEMANDA3_KG (79)	0.000000	0.000000
DEMANDA3_KG (80)	0.000000	0.000000
DEMANDA3_KG (81)	0.000000	0.000000
DEMANDA3_KG (82)	0.000000	0.000000
DEMANDA3_KG (83)	0.000000	0.000000
DEMANDA3_KG (84)	0.000000	0.000000
DEMANDA3_KG (85)	0.000000	0.000000
DEMANDA3_KG (86)	0.000000	0.000000
DEMANDA3_KG (87)	60.00000	0.000000
DEMANDA3_KG (88)	0.000000	0.000000
DEMANDA3_KG (89)	0.000000	0.000000
DEMANDA3_KG (90)	0.000000	0.000000
DEMANDA3_KG (91)	0.000000	0.000000
DEMANDA3_KG (92)	0.000000	0.000000
DEMANDA3_KG (93)	0.000000	0.000000
DEMANDA3_KG (94)	0.000000	0.000000
DEMANDA3_KG (95)	0.000000	0.000000
DEMANDA3_KG (96)	0.000000	0.000000
DEMANDA3_VOL (1)	0.000000	0.000000
DEMANDA3_VOL (2)	0.000000	0.000000
DEMANDA3_VOL (3)	0.000000	0.000000
DEMANDA3_VOL (4)	0.000000	0.000000
DEMANDA3_VOL (5)	0.000000	0.000000
DEMANDA3_VOL (6)	0.000000	0.000000
DEMANDA3_VOL (7)	0.000000	0.000000
DEMANDA3_VOL (8)	4952369.	0.000000
DEMANDA3_VOL (9)	451360.0	0.000000
DEMANDA3_VOL (10)	507780.0	0.000000
DEMANDA3_VOL (11)	0.000000	0.000000
DEMANDA3_VOL (12)	620620.0	0.000000
DEMANDA3_VOL (13)	0.000000	0.000000
DEMANDA3_VOL (14)	0.000000	0.000000
DEMANDA3_VOL (15)	0.000000	0.000000
DEMANDA3_VOL (16)	0.000000	0.000000
DEMANDA3_VOL (17)	0.000000	0.000000
DEMANDA3_VOL (18)	0.000000	0.000000

DEMANDA3_VOL (19)	0.000000	0.000000
DEMANDA3_VOL (20)	0.000000	0.000000
DEMANDA3_VOL (21)	0.000000	0.000000
DEMANDA3_VOL (22)	0.000000	0.000000
DEMANDA3_VOL (23)	0.000000	0.000000
DEMANDA3_VOL (24)	225680.0	0.000000
DEMANDA3_VOL (25)	169260.0	0.000000
DEMANDA3_VOL (26)	0.000000	0.000000
DEMANDA3_VOL (27)	0.000000	0.000000
DEMANDA3_VOL (28)	0.000000	0.000000
DEMANDA3_VOL (29)	0.000000	0.000000
DEMANDA3_VOL (30)	0.000000	0.000000
DEMANDA3_VOL (31)	0.000000	0.000000
DEMANDA3_VOL (32)	0.000000	0.000000
DEMANDA3_VOL (33)	0.000000	0.000000
DEMANDA3_VOL (34)	0.000000	0.000000
DEMANDA3_VOL (35)	0.000000	0.000000
DEMANDA3_VOL (36)	0.000000	0.000000
DEMANDA3_VOL (37)	0.000000	0.000000
DEMANDA3_VOL (38)	0.000000	0.000000
DEMANDA3_VOL (39)	0.000000	0.000000
DEMANDA3_VOL (40)	0.000000	0.000000
DEMANDA3_VOL (41)	0.000000	0.000000
DEMANDA3_VOL (42)	282100.0	0.000000
DEMANDA3_VOL (43)	225680.0	0.000000
DEMANDA3_VOL (44)	0.000000	0.000000
DEMANDA3_VOL (45)	0.000000	0.000000
DEMANDA3_VOL (46)	0.000000	0.000000
DEMANDA3_VOL (47)	0.000000	0.000000
DEMANDA3_VOL (48)	0.000000	0.000000
DEMANDA3_VOL (49)	0.000000	0.000000
DEMANDA3_VOL (50)	0.000000	0.000000
DEMANDA3_VOL (51)	0.000000	0.000000
DEMANDA3_VOL (52)	0.000000	0.000000
DEMANDA3_VOL (53)	282100.0	0.000000
DEMANDA3_VOL (54)	0.000000	0.000000
DEMANDA3_VOL (55)	0.000000	0.000000
DEMANDA3_VOL (56)	0.000000	0.000000
DEMANDA3_VOL (57)	0.000000	0.000000
DEMANDA3_VOL (58)	0.000000	0.000000
DEMANDA3_VOL (59)	0.000000	0.000000
DEMANDA3_VOL (60)	0.000000	0.000000
DEMANDA3_VOL (61)	0.000000	0.000000
DEMANDA3_VOL (62)	0.000000	0.000000
DEMANDA3_VOL (63)	0.000000	0.000000
DEMANDA3_VOL (64)	0.000000	0.000000
DEMANDA3_VOL (65)	0.000000	0.000000
DEMANDA3_VOL (66)	0.000000	0.000000
DEMANDA3_VOL (67)	0.000000	0.000000
DEMANDA3_VOL (68)	1241240.	0.000000
DEMANDA3_VOL (69)	0.000000	0.000000
DEMANDA3_VOL (70)	0.000000	0.000000
DEMANDA3_VOL (71)	0.000000	0.000000
DEMANDA3_VOL (72)	0.000000	0.000000
DEMANDA3_VOL (73)	0.000000	0.000000
DEMANDA3_VOL (74)	0.000000	0.000000
DEMANDA3_VOL (75)	394940.0	0.000000
DEMANDA3_VOL (76)	620620.0	0.000000
DEMANDA3_VOL (77)	0.000000	0.000000
DEMANDA3_VOL (78)	0.000000	0.000000
DEMANDA3_VOL (79)	0.000000	0.000000
DEMANDA3_VOL (80)	0.000000	0.000000
DEMANDA3_VOL (81)	0.000000	0.000000
DEMANDA3_VOL (82)	0.000000	0.000000
DEMANDA3_VOL (83)	0.000000	0.000000
DEMANDA3_VOL (84)	0.000000	0.000000
DEMANDA3_VOL (85)	0.000000	0.000000
DEMANDA3_VOL (86)	0.000000	0.000000
DEMANDA3_VOL (87)	282100.0	0.000000
DEMANDA3_VOL (88)	0.000000	0.000000
DEMANDA3_VOL (89)	0.000000	0.000000

DEMANDA3_VOL (90)	0.000000	0.000000
DEMANDA3_VOL (91)	0.000000	0.000000
DEMANDA3_VOL (92)	0.000000	0.000000
DEMANDA3_VOL (93)	0.000000	0.000000
DEMANDA3_VOL (94)	0.000000	0.000000
DEMANDA3_VOL (95)	0.000000	0.000000
DEMANDA3_VOL (96)	0.000000	0.000000
VEHICULO (1, 1)	0.000000	0.000000
VEHICULO (1, 2)	0.000000	0.000000
VEHICULO (1, 3)	1.000000	0.000000
VEHICULO (1, 4)	0.000000	0.000000
VEHICULO (1, 5)	0.000000	0.000000
VEHICULO (1, 6)	0.000000	0.000000
VEHICULO (2, 1)	0.000000	0.000000
VEHICULO (2, 2)	0.000000	0.000000
VEHICULO (2, 3)	1.000000	0.000000
VEHICULO (2, 4)	0.000000	0.000000
VEHICULO (2, 5)	0.000000	0.000000
VEHICULO (2, 6)	0.000000	0.000000
VEHICULO (3, 1)	0.000000	0.000000
VEHICULO (3, 2)	0.000000	0.000000
VEHICULO (3, 3)	1.000000	0.000000
VEHICULO (3, 4)	0.000000	0.000000
VEHICULO (3, 5)	0.000000	0.000000
VEHICULO (3, 6)	0.000000	0.000000
VEHICULO (4, 1)	0.000000	0.000000
VEHICULO (4, 2)	0.000000	0.000000
VEHICULO (4, 3)	1.000000	0.000000
VEHICULO (4, 4)	0.000000	0.000000
VEHICULO (4, 5)	0.000000	0.000000
VEHICULO (4, 6)	0.000000	0.000000
VEHICULO (5, 1)	0.000000	0.000000
VEHICULO (5, 2)	0.000000	0.000000
VEHICULO (5, 3)	1.000000	0.000000
VEHICULO (5, 4)	0.000000	0.000000
VEHICULO (5, 5)	0.000000	0.000000
VEHICULO (5, 6)	0.000000	0.000000
VEHICULO (6, 1)	0.000000	0.000000
VEHICULO (6, 2)	0.000000	0.000000
VEHICULO (6, 3)	1.000000	0.000000
VEHICULO (6, 4)	0.000000	0.000000
VEHICULO (6, 5)	0.000000	0.000000
VEHICULO (6, 6)	0.000000	0.000000
VEHICULO (7, 1)	0.000000	0.000000
VEHICULO (7, 2)	0.000000	0.000000
VEHICULO (7, 3)	1.000000	0.000000
VEHICULO (7, 4)	0.000000	0.000000
VEHICULO (7, 5)	0.000000	0.000000
VEHICULO (7, 6)	0.000000	0.000000
VEHICULO (8, 1)	0.000000	0.000000
VEHICULO (8, 2)	1.000000	0.000000
VEHICULO (8, 3)	0.000000	0.000000
VEHICULO (8, 4)	0.000000	0.000000
VEHICULO (8, 5)	0.000000	0.000000
VEHICULO (8, 6)	0.000000	0.000000
VEHICULO (9, 1)	0.000000	0.000000
VEHICULO (9, 2)	1.000000	0.000000
VEHICULO (9, 3)	0.000000	0.000000
VEHICULO (9, 4)	0.000000	0.000000
VEHICULO (9, 5)	0.000000	0.000000
VEHICULO (9, 6)	0.000000	0.000000
VEHICULO (10, 1)	0.000000	0.000000
VEHICULO (10, 2)	1.000000	0.000000
VEHICULO (10, 3)	0.000000	0.000000
VEHICULO (10, 4)	0.000000	0.000000
VEHICULO (10, 5)	0.000000	0.000000
VEHICULO (10, 6)	0.000000	0.000000
VEHICULO (11, 1)	0.000000	0.000000
VEHICULO (11, 2)	0.000000	0.000000
VEHICULO (11, 3)	1.000000	0.000000
VEHICULO (11, 4)	0.000000	0.000000

VEHICULO (11, 5)	0.000000	0.000000
VEHICULO (11, 6)	0.000000	0.000000
VEHICULO (12, 1)	0.000000	0.000000
VEHICULO (12, 2)	1.000000	0.000000
VEHICULO (12, 3)	0.000000	0.000000
VEHICULO (12, 4)	0.000000	0.000000
VEHICULO (12, 5)	0.000000	0.000000
VEHICULO (12, 6)	0.000000	0.000000
VEHICULO (13, 1)	0.000000	0.000000
VEHICULO (13, 2)	0.000000	0.000000
VEHICULO (13, 3)	1.000000	0.000000
VEHICULO (13, 4)	0.000000	0.000000
VEHICULO (13, 5)	0.000000	0.000000
VEHICULO (13, 6)	0.000000	0.000000
VEHICULO (14, 1)	0.000000	0.000000
VEHICULO (14, 2)	0.000000	0.000000
VEHICULO (14, 3)	1.000000	0.000000
VEHICULO (14, 4)	0.000000	0.000000
VEHICULO (14, 5)	0.000000	0.000000
VEHICULO (14, 6)	0.000000	0.000000
VEHICULO (15, 1)	0.000000	0.000000
VEHICULO (15, 2)	0.000000	0.000000
VEHICULO (15, 3)	1.000000	0.000000
VEHICULO (15, 4)	0.000000	0.000000
VEHICULO (15, 5)	0.000000	0.000000
VEHICULO (15, 6)	0.000000	0.000000
VEHICULO (16, 1)	0.000000	0.000000
VEHICULO (16, 2)	0.000000	0.000000
VEHICULO (16, 3)	1.000000	0.000000
VEHICULO (16, 4)	0.000000	0.000000
VEHICULO (16, 5)	0.000000	0.000000
VEHICULO (16, 6)	0.000000	0.000000
VEHICULO (17, 1)	0.000000	0.000000
VEHICULO (17, 2)	0.000000	0.000000
VEHICULO (17, 3)	1.000000	0.000000
VEHICULO (17, 4)	0.000000	0.000000
VEHICULO (17, 5)	0.000000	0.000000
VEHICULO (17, 6)	0.000000	0.000000
VEHICULO (18, 1)	0.000000	0.000000
VEHICULO (18, 2)	0.000000	0.000000
VEHICULO (18, 3)	1.000000	0.000000
VEHICULO (18, 4)	0.000000	0.000000
VEHICULO (18, 5)	0.000000	0.000000
VEHICULO (18, 6)	0.000000	0.000000
VEHICULO (19, 1)	0.000000	0.000000
VEHICULO (19, 2)	0.000000	0.000000
VEHICULO (19, 3)	1.000000	0.000000
VEHICULO (19, 4)	0.000000	0.000000
VEHICULO (19, 5)	0.000000	0.000000
VEHICULO (19, 6)	0.000000	0.000000
VEHICULO (20, 1)	0.000000	0.000000
VEHICULO (20, 2)	0.000000	0.000000
VEHICULO (20, 3)	1.000000	0.000000
VEHICULO (20, 4)	0.000000	0.000000
VEHICULO (20, 5)	0.000000	0.000000
VEHICULO (20, 6)	0.000000	0.000000
VEHICULO (21, 1)	0.000000	0.000000
VEHICULO (21, 2)	0.000000	0.000000
VEHICULO (21, 3)	1.000000	0.000000
VEHICULO (21, 4)	0.000000	0.000000
VEHICULO (21, 5)	0.000000	0.000000
VEHICULO (21, 6)	0.000000	0.000000
VEHICULO (22, 1)	0.000000	0.000000
VEHICULO (22, 2)	0.000000	0.000000
VEHICULO (22, 3)	1.000000	0.000000
VEHICULO (22, 4)	0.000000	0.000000
VEHICULO (22, 5)	0.000000	0.000000
VEHICULO (22, 6)	0.000000	0.000000
VEHICULO (23, 1)	0.000000	0.000000
VEHICULO (23, 2)	0.000000	0.000000
VEHICULO (23, 3)	1.000000	0.000000

VEHICULO (23, 4)	0.000000	0.000000
VEHICULO (23, 5)	0.000000	0.000000
VEHICULO (23, 6)	0.000000	0.000000
VEHICULO (24, 1)	0.000000	0.000000
VEHICULO (24, 2)	1.000000	0.000000
VEHICULO (24, 3)	0.000000	0.000000
VEHICULO (24, 4)	0.000000	0.000000
VEHICULO (24, 5)	0.000000	0.000000
VEHICULO (24, 6)	0.000000	0.000000
VEHICULO (25, 1)	0.000000	0.000000
VEHICULO (25, 2)	1.000000	0.000000
VEHICULO (25, 3)	0.000000	0.000000
VEHICULO (25, 4)	0.000000	0.000000
VEHICULO (25, 5)	0.000000	0.000000
VEHICULO (25, 6)	0.000000	0.000000
VEHICULO (26, 1)	0.000000	0.000000
VEHICULO (26, 2)	0.000000	0.000000
VEHICULO (26, 3)	1.000000	0.000000
VEHICULO (26, 4)	0.000000	0.000000
VEHICULO (26, 5)	0.000000	0.000000
VEHICULO (26, 6)	0.000000	0.000000
VEHICULO (27, 1)	0.000000	0.000000
VEHICULO (27, 2)	0.000000	0.000000
VEHICULO (27, 3)	1.000000	0.000000
VEHICULO (27, 4)	0.000000	0.000000
VEHICULO (27, 5)	0.000000	0.000000
VEHICULO (27, 6)	0.000000	0.000000
VEHICULO (28, 1)	0.000000	0.000000
VEHICULO (28, 2)	0.000000	0.000000
VEHICULO (28, 3)	1.000000	0.000000
VEHICULO (28, 4)	0.000000	0.000000
VEHICULO (28, 5)	0.000000	0.000000
VEHICULO (28, 6)	0.000000	0.000000
VEHICULO (29, 1)	0.000000	0.000000
VEHICULO (29, 2)	0.000000	0.000000
VEHICULO (29, 3)	1.000000	0.000000
VEHICULO (29, 4)	0.000000	0.000000
VEHICULO (29, 5)	0.000000	0.000000
VEHICULO (29, 6)	0.000000	0.000000
VEHICULO (30, 1)	0.000000	0.000000
VEHICULO (30, 2)	0.000000	0.000000
VEHICULO (30, 3)	1.000000	0.000000
VEHICULO (30, 4)	0.000000	0.000000
VEHICULO (30, 5)	0.000000	0.000000
VEHICULO (30, 6)	0.000000	0.000000
VEHICULO (31, 1)	0.000000	0.000000
VEHICULO (31, 2)	0.000000	0.000000
VEHICULO (31, 3)	1.000000	0.000000
VEHICULO (31, 4)	0.000000	0.000000
VEHICULO (31, 5)	0.000000	0.000000
VEHICULO (31, 6)	0.000000	0.000000
VEHICULO (32, 1)	0.000000	0.000000
VEHICULO (32, 2)	0.000000	0.000000
VEHICULO (32, 3)	1.000000	0.000000
VEHICULO (32, 4)	0.000000	0.000000
VEHICULO (32, 5)	0.000000	0.000000
VEHICULO (32, 6)	0.000000	0.000000
VEHICULO (33, 1)	0.000000	0.000000
VEHICULO (33, 2)	0.000000	0.000000
VEHICULO (33, 3)	1.000000	0.000000
VEHICULO (33, 4)	0.000000	0.000000
VEHICULO (33, 5)	0.000000	0.000000
VEHICULO (33, 6)	0.000000	0.000000
VEHICULO (34, 1)	0.000000	0.000000
VEHICULO (34, 2)	0.000000	0.000000
VEHICULO (34, 3)	1.000000	0.000000
VEHICULO (34, 4)	0.000000	0.000000
VEHICULO (34, 5)	0.000000	0.000000
VEHICULO (34, 6)	0.000000	0.000000
VEHICULO (35, 1)	0.000000	0.000000
VEHICULO (35, 2)	0.000000	0.000000

VEHICULO (35, 3)	1.000000	0.000000
VEHICULO (35, 4)	0.000000	0.000000
VEHICULO (35, 5)	0.000000	0.000000
VEHICULO (35, 6)	0.000000	0.000000
VEHICULO (36, 1)	0.000000	0.000000
VEHICULO (36, 2)	0.000000	0.000000
VEHICULO (36, 3)	1.000000	0.000000
VEHICULO (36, 4)	0.000000	0.000000
VEHICULO (36, 5)	0.000000	0.000000
VEHICULO (36, 6)	0.000000	0.000000
VEHICULO (37, 1)	0.000000	0.000000
VEHICULO (37, 2)	0.000000	0.000000
VEHICULO (37, 3)	1.000000	0.000000
VEHICULO (37, 4)	0.000000	0.000000
VEHICULO (37, 5)	0.000000	0.000000
VEHICULO (37, 6)	0.000000	0.000000
VEHICULO (38, 1)	0.000000	0.000000
VEHICULO (38, 2)	0.000000	0.000000
VEHICULO (38, 3)	1.000000	0.000000
VEHICULO (38, 4)	0.000000	0.000000
VEHICULO (38, 5)	0.000000	0.000000
VEHICULO (38, 6)	0.000000	0.000000
VEHICULO (39, 1)	0.000000	0.000000
VEHICULO (39, 2)	0.000000	0.000000
VEHICULO (39, 3)	1.000000	0.000000
VEHICULO (39, 4)	0.000000	0.000000
VEHICULO (39, 5)	0.000000	0.000000
VEHICULO (39, 6)	0.000000	0.000000
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VEHICULO (40, 2)	0.000000	0.000000
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VEHICULO (41, 3)	1.000000	0.000000
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VEHICULO (41, 6)	0.000000	0.000000
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VEHICULO (42, 3)	0.000000	0.000000
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VEHICULO (44, 6)	0.000000	0.000000
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VEHICULO (45, 6)	0.000000	0.000000
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VEHICULO (46, 3)	1.000000	0.000000
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VEHICULO (49, 6)	0.000000	0.000000
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VEHICULO (50, 6)	0.000000	0.000000
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VEHICULO (55, 4)	0.000000	0.000000
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VEHICULO (58, 5)	0.000000	0.000000
VEHICULO (58, 6)	0.000000	0.000000

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VEHICULO (59, 2)	0.000000	0.000000
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VEHICULO (59, 6)	0.000000	0.000000
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VEHICULO (61, 6)	0.000000	0.000000
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VEHICULO (65, 5)	0.000000	0.000000
VEHICULO (65, 6)	0.000000	0.000000
VEHICULO (66, 1)	0.000000	0.000000
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VEHICULO (66, 4)	0.000000	0.000000
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VEHICULO (74, 6)	0.000000	0.000000
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VEHICULO (76, 4)	0.000000	0.000000
VEHICULO (76, 5)	0.000000	0.000000
VEHICULO (76, 6)	0.000000	0.000000
VEHICULO (77, 1)	0.000000	0.000000
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VEHICULO (77, 4)	0.000000	0.000000
VEHICULO (77, 5)	0.000000	0.000000
VEHICULO (77, 6)	0.000000	0.000000
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VEHICULO (78, 3)	1.000000	0.000000
VEHICULO (78, 4)	0.000000	0.000000
VEHICULO (78, 5)	0.000000	0.000000
VEHICULO (78, 6)	0.000000	0.000000
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VEHICULO (79, 2)	0.000000	0.000000
VEHICULO (79, 3)	1.000000	0.000000
VEHICULO (79, 4)	0.000000	0.000000
VEHICULO (79, 5)	0.000000	0.000000
VEHICULO (79, 6)	0.000000	0.000000
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VEHICULO (80, 4)	0.000000	0.000000
VEHICULO (80, 5)	0.000000	0.000000
VEHICULO (80, 6)	0.000000	0.000000
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VEHICULO (81, 2)	0.000000	0.000000
VEHICULO (81, 3)	1.000000	0.000000
VEHICULO (81, 4)	0.000000	0.000000
VEHICULO (81, 5)	0.000000	0.000000
VEHICULO (81, 6)	0.000000	0.000000
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VEHICULO (82, 2)	0.000000	0.000000
VEHICULO (82, 3)	1.000000	0.000000
VEHICULO (82, 4)	0.000000	0.000000

VEHICULO (82, 5)	0.000000	0.000000
VEHICULO (82, 6)	0.000000	0.000000
VEHICULO (83, 1)	0.000000	0.000000
VEHICULO (83, 2)	0.000000	0.000000
VEHICULO (83, 3)	1.000000	0.000000
VEHICULO (83, 4)	0.000000	0.000000
VEHICULO (83, 5)	0.000000	0.000000
VEHICULO (83, 6)	0.000000	0.000000
VEHICULO (84, 1)	0.000000	0.000000
VEHICULO (84, 2)	0.000000	0.000000
VEHICULO (84, 3)	1.000000	0.000000
VEHICULO (84, 4)	0.000000	0.000000
VEHICULO (84, 5)	0.000000	0.000000
VEHICULO (84, 6)	0.000000	0.000000
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VEHICULO (85, 2)	0.000000	0.000000
VEHICULO (85, 3)	1.000000	0.000000
VEHICULO (85, 4)	0.000000	0.000000
VEHICULO (85, 5)	0.000000	0.000000
VEHICULO (85, 6)	0.000000	0.000000
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VEHICULO (86, 2)	0.000000	0.000000
VEHICULO (86, 3)	1.000000	0.000000
VEHICULO (86, 4)	0.000000	0.000000
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VEHICULO (86, 6)	0.000000	0.000000
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VEHICULO (87, 2)	1.000000	0.000000
VEHICULO (87, 3)	0.000000	0.000000
VEHICULO (87, 4)	0.000000	0.000000
VEHICULO (87, 5)	0.000000	0.000000
VEHICULO (87, 6)	0.000000	0.000000
VEHICULO (88, 1)	0.000000	0.000000
VEHICULO (88, 2)	0.000000	0.000000
VEHICULO (88, 3)	1.000000	0.000000
VEHICULO (88, 4)	0.000000	0.000000
VEHICULO (88, 5)	0.000000	0.000000
VEHICULO (88, 6)	0.000000	0.000000
VEHICULO (89, 1)	0.000000	0.000000
VEHICULO (89, 2)	0.000000	0.000000
VEHICULO (89, 3)	1.000000	0.000000
VEHICULO (89, 4)	0.000000	0.000000
VEHICULO (89, 5)	0.000000	0.000000
VEHICULO (89, 6)	0.000000	0.000000
VEHICULO (90, 1)	0.000000	0.000000
VEHICULO (90, 2)	0.000000	0.000000
VEHICULO (90, 3)	1.000000	0.000000
VEHICULO (90, 4)	0.000000	0.000000
VEHICULO (90, 5)	0.000000	0.000000
VEHICULO (90, 6)	0.000000	0.000000
VEHICULO (91, 1)	0.000000	0.000000
VEHICULO (91, 2)	0.000000	0.000000
VEHICULO (91, 3)	1.000000	0.000000
VEHICULO (91, 4)	0.000000	0.000000
VEHICULO (91, 5)	0.000000	0.000000
VEHICULO (91, 6)	0.000000	0.000000
VEHICULO (92, 1)	0.000000	0.000000
VEHICULO (92, 2)	0.000000	0.000000
VEHICULO (92, 3)	1.000000	0.000000
VEHICULO (92, 4)	0.000000	0.000000
VEHICULO (92, 5)	0.000000	0.000000
VEHICULO (92, 6)	0.000000	0.000000
VEHICULO (93, 1)	0.000000	0.000000
VEHICULO (93, 2)	0.000000	0.000000
VEHICULO (93, 3)	1.000000	0.000000
VEHICULO (93, 4)	0.000000	0.000000
VEHICULO (93, 5)	0.000000	0.000000
VEHICULO (93, 6)	0.000000	0.000000
VEHICULO (94, 1)	0.000000	0.000000
VEHICULO (94, 2)	0.000000	0.000000

VEHICULO(94, 3)	1.000000	0.000000
VEHICULO(94, 4)	0.000000	0.000000
VEHICULO(94, 5)	0.000000	0.000000
VEHICULO(94, 6)	0.000000	0.000000
VEHICULO(95, 1)	0.000000	0.000000
VEHICULO(95, 2)	0.000000	0.000000
VEHICULO(95, 3)	1.000000	0.000000
VEHICULO(95, 4)	0.000000	0.000000
VEHICULO(95, 5)	0.000000	0.000000
VEHICULO(95, 6)	0.000000	0.000000
VEHICULO(96, 1)	0.000000	0.000000
VEHICULO(96, 2)	0.000000	0.000000
VEHICULO(96, 3)	1.000000	0.000000
VEHICULO(96, 4)	0.000000	0.000000
VEHICULO(96, 5)	0.000000	0.000000
VEHICULO(96, 6)	0.000000	0.000000

Row	Slack or Surplus	Dual Price
1	200.0000	-1.000000
2	0.000000	0.000000
3	2066.200	0.000000
4	0.000000	0.000000
5	0.000000	0.000000
6	0.000000	0.000000
7	0.000000	0.000000
8	0.000000	0.000000
9	1744151.	0.000000
10	0.000000	0.000000
11	0.000000	0.000000
12	0.000000	0.000000
13	0.000000	0.000000
14	0.000000	0.000000
15	0.000000	0.000000
16	0.000000	0.000000
17	0.000000	0.000000
18	0.000000	0.000000
19	0.000000	0.000000
20	0.000000	0.000000
21	0.000000	0.000000
22	0.000000	0.000000
23	0.000000	0.000000
24	0.000000	0.000000
25	0.000000	0.000000
26	0.000000	0.000000
27	0.000000	0.000000
28	0.000000	0.000000
29	0.000000	0.000000
30	0.000000	0.000000
31	0.000000	0.000000
32	0.000000	0.000000
33	0.000000	0.000000
34	0.000000	0.000000
35	0.000000	0.000000
36	0.000000	0.000000
37	0.000000	0.000000
38	0.000000	0.000000
39	0.000000	0.000000
40	0.000000	0.000000
41	0.000000	0.000000
42	0.000000	0.000000
43	0.000000	0.000000
44	0.000000	0.000000
45	0.000000	0.000000
46	0.000000	0.000000
47	0.000000	0.000000
48	0.000000	0.000000
49	0.000000	0.000000
50	0.000000	0.000000
51	0.000000	0.000000
52	0.000000	0.000000
53	0.000000	0.000000

54	0.000000	0.000000
55	0.000000	0.000000
56	0.000000	0.000000
57	0.000000	0.000000
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60	0.000000	0.000000
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71	0.000000	0.000000
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82	0.000000	0.000000
83	0.000000	0.000000
84	0.000000	0.000000
85	0.000000	0.000000
86	0.000000	0.000000
87	0.000000	0.000000
88	0.000000	0.000000
89	0.000000	0.000000
90	0.000000	0.000000
91	0.000000	0.000000
92	0.000000	0.000000
93	0.000000	0.000000
94	0.000000	0.000000
95	0.000000	0.000000
96	0.000000	0.000000
97	0.000000	0.000000
98	0.000000	0.000000
99	0.000000	0.000000
100	0.000000	0.000000
101	0.000000	0.000000
102	0.000000	0.000000
103	0.000000	0.000000
104	0.000000	0.000000
105	0.000000	0.000000
106	0.000000	0.000000
107	0.000000	0.000000
108	0.000000	0.000000
109	0.000000	0.000000

Figura 13. Solución para día 4

```

Global optimal solution found.
Objective value:                450.0000
Objective bound:                450.0000
Infeasibilities:                0.000000
Extended solver steps:          12
Total solver iterations:        1924
    
```

Variable	Value	Reduced Cost
CANT_VEHICULO(1)	0.000000	170.0000
CANT_VEHICULO(2)	0.000000	200.0000

CANT_VEHICULO (3)	0.000000	300.0000
CANT_VEHICULO (4)	0.000000	350.0000
CANT_VEHICULO (5)	1.000000	450.0000
CANT_VEHICULO (6)	0.000000	500.0000
CAPACIDAD_KG (1)	1500.000	0.000000
CAPACIDAD_KG (2)	4000.000	0.000000
CAPACIDAD_KG (3)	8000.000	0.000000
CAPACIDAD_KG (4)	10000.00	0.000000
CAPACIDAD_KG (5)	12000.00	0.000000
CAPACIDAD_KG (6)	14000.00	0.000000
CAPACIDAD_VOL (1)	9000000.	0.000000
CAPACIDAD_VOL (2)	0.1200000E+08	0.000000
CAPACIDAD_VOL (3)	0.1700000E+08	0.000000
CAPACIDAD_VOL (4)	0.2100000E+08	0.000000
CAPACIDAD_VOL (5)	0.3200000E+08	0.000000
CAPACIDAD_VOL (6)	0.4368000E+08	0.000000
COSTO (1)	170.0000	0.000000
COSTO (2)	200.0000	0.000000
COSTO (3)	300.0000	0.000000
COSTO (4)	350.0000	0.000000
COSTO (5)	450.0000	0.000000
COSTO (6)	500.0000	0.000000
DEMANDA42_KG (1)	0.000000	0.000000
DEMANDA42_KG (2)	1.800000	0.000000
DEMANDA42_KG (3)	0.000000	0.000000
DEMANDA42_KG (4)	0.000000	0.000000
DEMANDA42_KG (5)	98.00000	0.000000
DEMANDA42_KG (6)	0.000000	0.000000
DEMANDA42_KG (7)	0.000000	0.000000
DEMANDA42_KG (8)	222.0000	0.000000
DEMANDA42_KG (9)	159.0800	0.000000
DEMANDA42_KG (10)	275.4900	0.000000
DEMANDA42_KG (11)	85.80000	0.000000
DEMANDA42_KG (12)	90.40000	0.000000
DEMANDA42_KG (13)	0.000000	0.000000
DEMANDA42_KG (14)	0.000000	0.000000
DEMANDA42_KG (15)	0.000000	0.000000
DEMANDA42_KG (16)	344.5000	0.000000
DEMANDA42_KG (17)	0.000000	0.000000
DEMANDA42_KG (18)	0.000000	0.000000
DEMANDA42_KG (19)	0.000000	0.000000
DEMANDA42_KG (20)	0.000000	0.000000
DEMANDA42_KG (21)	0.000000	0.000000
DEMANDA42_KG (22)	20.00000	0.000000
DEMANDA42_KG (23)	0.000000	0.000000
DEMANDA42_KG (24)	198.7400	0.000000
DEMANDA42_KG (25)	156.7400	0.000000
DEMANDA42_KG (26)	0.000000	0.000000
DEMANDA42_KG (27)	0.000000	0.000000
DEMANDA42_KG (28)	0.000000	0.000000
DEMANDA42_KG (29)	0.000000	0.000000
DEMANDA42_KG (30)	119.4400	0.000000
DEMANDA42_KG (31)	8.880000	0.000000
DEMANDA42_KG (32)	111.6000	0.000000
DEMANDA42_KG (33)	2.700000	0.000000
DEMANDA42_KG (34)	5.040000	0.000000
DEMANDA42_KG (35)	231.0000	0.000000
DEMANDA42_KG (36)	131.2400	0.000000
DEMANDA42_KG (37)	0.000000	0.000000
DEMANDA42_KG (38)	43.80000	0.000000
DEMANDA42_KG (39)	6.180000	0.000000
DEMANDA42_KG (40)	109.6000	0.000000
DEMANDA42_KG (41)	0.9000000	0.000000
DEMANDA42_KG (42)	83.20000	0.000000
DEMANDA42_KG (43)	4.500000	0.000000
DEMANDA42_KG (44)	69.80000	0.000000
DEMANDA42_KG (45)	0.000000	0.000000
DEMANDA42_KG (46)	0.000000	0.000000
DEMANDA42_KG (47)	50.00000	0.000000
DEMANDA42_KG (48)	1.200000	0.000000
DEMANDA42_KG (49)	1.440000	0.000000

DEMANDA42_KG (50)	0.000000	0.000000
DEMANDA42_KG (51)	0.000000	0.000000
DEMANDA42_KG (52)	3.240000	0.000000
DEMANDA42_KG (53)	105.8000	0.000000
DEMANDA42_KG (54)	2.940000	0.000000
DEMANDA42_KG (55)	169.0000	0.000000
DEMANDA42_KG (56)	7.800000	0.000000
DEMANDA42_KG (57)	0.000000	0.000000
DEMANDA42_KG (58)	0.000000	0.000000
DEMANDA42_KG (59)	1.440000	0.000000
DEMANDA42_KG (60)	145.8000	0.000000
DEMANDA42_KG (61)	4.380000	0.000000
DEMANDA42_KG (62)	1.800000	0.000000
DEMANDA42_KG (63)	305.6000	0.000000
DEMANDA42_KG (64)	0.000000	0.000000
DEMANDA42_KG (65)	45.80000	0.000000
DEMANDA42_KG (66)	0.000000	0.000000
DEMANDA42_KG (67)	0.000000	0.000000
DEMANDA42_KG (68)	422.8000	0.000000
DEMANDA42_KG (69)	5.040000	0.000000
DEMANDA42_KG (70)	121.8000	0.000000
DEMANDA42_KG (71)	3.600000	0.000000
DEMANDA42_KG (72)	0.000000	0.000000
DEMANDA42_KG (73)	1.800000	0.000000
DEMANDA42_KG (74)	2.700000	0.000000
DEMANDA42_KG (75)	1.800000	0.000000
DEMANDA42_KG (76)	1.440000	0.000000
DEMANDA42_KG (77)	0.000000	0.000000
DEMANDA42_KG (78)	0.000000	0.000000
DEMANDA42_KG (79)	222.0000	0.000000
DEMANDA42_KG (80)	0.000000	0.000000
DEMANDA42_KG (81)	6.600000	0.000000
DEMANDA42_KG (82)	3.600000	0.000000
DEMANDA42_KG (83)	1.800000	0.000000
DEMANDA42_KG (84)	1.800000	0.000000
DEMANDA42_KG (85)	1.800000	0.000000
DEMANDA42_KG (86)	0.000000	0.000000
DEMANDA42_KG (87)	1.800000	0.000000
DEMANDA42_KG (88)	0.900000	0.000000
DEMANDA42_KG (89)	1.800000	0.000000
DEMANDA42_KG (90)	0.000000	0.000000
DEMANDA42_KG (91)	59.80000	0.000000
DEMANDA42_KG (92)	0.000000	0.000000
DEMANDA42_KG (93)	1.800000	0.000000
DEMANDA42_KG (94)	1.800000	0.000000
DEMANDA42_KG (95)	1.800000	0.000000
DEMANDA42_KG (96)	10.80000	0.000000
DEMANDA42_VOL (1)	0.000000	0.000000
DEMANDA42_VOL (2)	7104.000	0.000000
DEMANDA42_VOL (3)	0.000000	0.000000
DEMANDA42_VOL (4)	0.000000	0.000000
DEMANDA42_VOL (5)	733460.0	0.000000
DEMANDA42_VOL (6)	0.000000	0.000000
DEMANDA42_VOL (7)	0.000000	0.000000
DEMANDA42_VOL (8)	733460.0	0.000000
DEMANDA42_VOL (9)	768980.0	0.000000
DEMANDA42_VOL (10)	1328949.	0.000000
DEMANDA42_VOL (11)	345624.0	0.000000
DEMANDA42_VOL (12)	638560.0	0.000000
DEMANDA42_VOL (13)	0.000000	0.000000
DEMANDA42_VOL (14)	0.000000	0.000000
DEMANDA42_VOL (15)	0.000000	0.000000
DEMANDA42_VOL (16)	1537548.	0.000000
DEMANDA42_VOL (17)	0.000000	0.000000
DEMANDA42_VOL (18)	0.000000	0.000000
DEMANDA42_VOL (19)	0.000000	0.000000
DEMANDA42_VOL (20)	0.000000	0.000000
DEMANDA42_VOL (21)	0.000000	0.000000
DEMANDA42_VOL (22)	169260.0	0.000000
DEMANDA42_VOL (23)	0.000000	0.000000
DEMANDA42_VOL (24)	962526.2	0.000000

DEMANDA42_VOL (25)	751054.2	0.000000
DEMANDA42_VOL (26)	0.000000	0.000000
DEMANDA42_VOL (27)	0.000000	0.000000
DEMANDA42_VOL (28)	0.000000	0.000000
DEMANDA42_VOL (29)	0.000000	0.000000
DEMANDA42_VOL (30)	627724.0	0.000000
DEMANDA42_VOL (31)	130434.2	0.000000
DEMANDA42_VOL (32)	684144.0	0.000000
DEMANDA42_VOL (33)	112840.0	0.000000
DEMANDA42_VOL (34)	127048.0	0.000000
DEMANDA42_VOL (35)	1142608.	0.000000
DEMANDA42_VOL (36)	578408.0	0.000000
DEMANDA42_VOL (37)	0.000000	0.000000
DEMANDA42_VOL (38)	338520.0	0.000000
DEMANDA42_VOL (39)	182955.0	0.000000
DEMANDA42_VOL (40)	627724.0	0.000000
DEMANDA42_VOL (41)	56420.00	0.000000
DEMANDA42_VOL (42)	789880.0	0.000000
DEMANDA42_VOL (43)	70628.00	0.000000
DEMANDA42_VOL (44)	507780.0	0.000000
DEMANDA42_VOL (45)	0.000000	0.000000
DEMANDA42_VOL (46)	0.000000	0.000000
DEMANDA42_VOL (47)	225680.0	0.000000
DEMANDA42_VOL (48)	56420.00	0.000000
DEMANDA42_VOL (49)	7104.000	0.000000
DEMANDA42_VOL (50)	0.000000	0.000000
DEMANDA42_VOL (51)	0.000000	0.000000
DEMANDA42_VOL (52)	63524.00	0.000000
DEMANDA42_VOL (53)	789880.0	0.000000
DEMANDA42_VOL (54)	10490.25	0.000000
DEMANDA42_VOL (55)	740564.0	0.000000
DEMANDA42_VOL (56)	25044.00	0.000000
DEMANDA42_VOL (57)	0.000000	0.000000
DEMANDA42_VOL (58)	0.000000	0.000000
DEMANDA42_VOL (59)	7104.000	0.000000
DEMANDA42_VOL (60)	740564.0	0.000000
DEMANDA42_VOL (61)	70115.00	0.000000
DEMANDA42_VOL (62)	7104.000	0.000000
DEMANDA42_VOL (63)	1255448.	0.000000
DEMANDA42_VOL (64)	0.000000	0.000000
DEMANDA42_VOL (65)	338520.0	0.000000
DEMANDA42_VOL (66)	0.000000	0.000000
DEMANDA42_VOL (67)	0.000000	0.000000
DEMANDA42_VOL (68)	1988908.	0.000000
DEMANDA42_VOL (69)	119944.0	0.000000
DEMANDA42_VOL (70)	733460.0	0.000000
DEMANDA42_VOL (71)	63524.00	0.000000
DEMANDA42_VOL (72)	0.000000	0.000000
DEMANDA42_VOL (73)	7104.000	0.000000
DEMANDA42_VOL (74)	112840.0	0.000000
DEMANDA42_VOL (75)	56420.00	0.000000
DEMANDA42_VOL (76)	7104.000	0.000000
DEMANDA42_VOL (77)	0.000000	0.000000
DEMANDA42_VOL (78)	0.000000	0.000000
DEMANDA42_VOL (79)	3610880.	0.000000
DEMANDA42_VOL (80)	0.000000	0.000000
DEMANDA42_VOL (81)	225680.0	0.000000
DEMANDA42_VOL (82)	112840.0	0.000000
DEMANDA42_VOL (83)	56420.00	0.000000
DEMANDA42_VOL (84)	7104.000	0.000000
DEMANDA42_VOL (85)	7104.000	0.000000
DEMANDA42_VOL (86)	0.000000	0.000000
DEMANDA42_VOL (87)	56420.00	0.000000
DEMANDA42_VOL (88)	56420.00	0.000000
DEMANDA42_VOL (89)	56420.00	0.000000
DEMANDA42_VOL (90)	0.000000	0.000000
DEMANDA42_VOL (91)	338520.0	0.000000
DEMANDA42_VOL (92)	0.000000	0.000000
DEMANDA42_VOL (93)	7104.000	0.000000
DEMANDA42_VOL (94)	56420.00	0.000000
DEMANDA42_VOL (95)	7104.000	0.000000

DEMANDA42 VOL (96)	289204.0	0.000000
VEHICULO(1, 1)	0.000000	0.000000
VEHICULO(1, 2)	0.000000	0.000000
VEHICULO(1, 3)	1.000000	0.000000
VEHICULO(1, 4)	0.000000	0.000000
VEHICULO(1, 5)	0.000000	0.000000
VEHICULO(1, 6)	0.000000	0.000000
VEHICULO(2, 1)	0.000000	0.000000
VEHICULO(2, 2)	0.000000	0.000000
VEHICULO(2, 3)	0.000000	0.000000
VEHICULO(2, 4)	0.000000	0.000000
VEHICULO(2, 5)	1.000000	0.000000
VEHICULO(2, 6)	0.000000	0.000000
VEHICULO(3, 1)	0.000000	0.000000
VEHICULO(3, 2)	0.000000	0.000000
VEHICULO(3, 3)	1.000000	0.000000
VEHICULO(3, 4)	0.000000	0.000000
VEHICULO(3, 5)	0.000000	0.000000
VEHICULO(3, 6)	0.000000	0.000000
VEHICULO(4, 1)	0.000000	0.000000
VEHICULO(4, 2)	0.000000	0.000000
VEHICULO(4, 3)	1.000000	0.000000
VEHICULO(4, 4)	0.000000	0.000000
VEHICULO(4, 5)	0.000000	0.000000
VEHICULO(4, 6)	0.000000	0.000000
VEHICULO(5, 1)	0.000000	0.000000
VEHICULO(5, 2)	0.000000	0.000000
VEHICULO(5, 3)	0.000000	0.000000
VEHICULO(5, 4)	0.000000	0.000000
VEHICULO(5, 5)	1.000000	0.000000
VEHICULO(5, 6)	0.000000	0.000000
VEHICULO(6, 1)	0.000000	0.000000
VEHICULO(6, 2)	0.000000	0.000000
VEHICULO(6, 3)	1.000000	0.000000
VEHICULO(6, 4)	0.000000	0.000000
VEHICULO(6, 5)	0.000000	0.000000
VEHICULO(6, 6)	0.000000	0.000000
VEHICULO(7, 1)	0.000000	0.000000
VEHICULO(7, 2)	0.000000	0.000000
VEHICULO(7, 3)	1.000000	0.000000
VEHICULO(7, 4)	0.000000	0.000000
VEHICULO(7, 5)	0.000000	0.000000
VEHICULO(7, 6)	0.000000	0.000000
VEHICULO(8, 1)	0.000000	0.000000
VEHICULO(8, 2)	0.000000	0.000000
VEHICULO(8, 3)	0.000000	0.000000
VEHICULO(8, 4)	0.000000	0.000000
VEHICULO(8, 5)	1.000000	0.000000
VEHICULO(8, 6)	0.000000	0.000000
VEHICULO(9, 1)	0.000000	0.000000
VEHICULO(9, 2)	0.000000	0.000000
VEHICULO(9, 3)	0.000000	0.000000
VEHICULO(9, 4)	0.000000	0.000000
VEHICULO(9, 5)	1.000000	0.000000
VEHICULO(9, 6)	0.000000	0.000000
VEHICULO(10, 1)	0.000000	0.000000
VEHICULO(10, 2)	0.000000	0.000000
VEHICULO(10, 3)	0.000000	0.000000
VEHICULO(10, 4)	0.000000	0.000000
VEHICULO(10, 5)	1.000000	0.000000
VEHICULO(10, 6)	0.000000	0.000000
VEHICULO(11, 1)	0.000000	0.000000
VEHICULO(11, 2)	0.000000	0.000000
VEHICULO(11, 3)	0.000000	0.000000
VEHICULO(11, 4)	0.000000	0.000000
VEHICULO(11, 5)	1.000000	0.000000
VEHICULO(11, 6)	0.000000	0.000000
VEHICULO(12, 1)	0.000000	0.000000
VEHICULO(12, 2)	0.000000	0.000000
VEHICULO(12, 3)	0.000000	0.000000
VEHICULO(12, 4)	0.000000	0.000000

VEHICULO (12, 5)	1.000000	0.000000
VEHICULO (12, 6)	0.000000	0.000000
VEHICULO (13, 1)	0.000000	0.000000
VEHICULO (13, 2)	0.000000	0.000000
VEHICULO (13, 3)	1.000000	0.000000
VEHICULO (13, 4)	0.000000	0.000000
VEHICULO (13, 5)	0.000000	0.000000
VEHICULO (13, 6)	0.000000	0.000000
VEHICULO (14, 1)	0.000000	0.000000
VEHICULO (14, 2)	0.000000	0.000000
VEHICULO (14, 3)	1.000000	0.000000
VEHICULO (14, 4)	0.000000	0.000000
VEHICULO (14, 5)	0.000000	0.000000
VEHICULO (14, 6)	0.000000	0.000000
VEHICULO (15, 1)	0.000000	0.000000
VEHICULO (15, 2)	0.000000	0.000000
VEHICULO (15, 3)	1.000000	0.000000
VEHICULO (15, 4)	0.000000	0.000000
VEHICULO (15, 5)	0.000000	0.000000
VEHICULO (15, 6)	0.000000	0.000000
VEHICULO (16, 1)	0.000000	0.000000
VEHICULO (16, 2)	0.000000	0.000000
VEHICULO (16, 3)	0.000000	0.000000
VEHICULO (16, 4)	0.000000	0.000000
VEHICULO (16, 5)	1.000000	0.000000
VEHICULO (16, 6)	0.000000	0.000000
VEHICULO (17, 1)	0.000000	0.000000
VEHICULO (17, 2)	0.000000	0.000000
VEHICULO (17, 3)	1.000000	0.000000
VEHICULO (17, 4)	0.000000	0.000000
VEHICULO (17, 5)	0.000000	0.000000
VEHICULO (17, 6)	0.000000	0.000000
VEHICULO (18, 1)	0.000000	0.000000
VEHICULO (18, 2)	0.000000	0.000000
VEHICULO (18, 3)	1.000000	0.000000
VEHICULO (18, 4)	0.000000	0.000000
VEHICULO (18, 5)	0.000000	0.000000
VEHICULO (18, 6)	0.000000	0.000000
VEHICULO (19, 1)	0.000000	0.000000
VEHICULO (19, 2)	0.000000	0.000000
VEHICULO (19, 3)	1.000000	0.000000
VEHICULO (19, 4)	0.000000	0.000000
VEHICULO (19, 5)	0.000000	0.000000
VEHICULO (19, 6)	0.000000	0.000000
VEHICULO (20, 1)	0.000000	0.000000
VEHICULO (20, 2)	0.000000	0.000000
VEHICULO (20, 3)	1.000000	0.000000
VEHICULO (20, 4)	0.000000	0.000000
VEHICULO (20, 5)	0.000000	0.000000
VEHICULO (20, 6)	0.000000	0.000000
VEHICULO (21, 1)	0.000000	0.000000
VEHICULO (21, 2)	0.000000	0.000000
VEHICULO (21, 3)	1.000000	0.000000
VEHICULO (21, 4)	0.000000	0.000000
VEHICULO (21, 5)	0.000000	0.000000
VEHICULO (21, 6)	0.000000	0.000000
VEHICULO (22, 1)	0.000000	0.000000
VEHICULO (22, 2)	0.000000	0.000000
VEHICULO (22, 3)	0.000000	0.000000
VEHICULO (22, 4)	0.000000	0.000000
VEHICULO (22, 5)	1.000000	0.000000
VEHICULO (22, 6)	0.000000	0.000000
VEHICULO (23, 1)	0.000000	0.000000
VEHICULO (23, 2)	0.000000	0.000000
VEHICULO (23, 3)	1.000000	0.000000
VEHICULO (23, 4)	0.000000	0.000000
VEHICULO (23, 5)	0.000000	0.000000
VEHICULO (23, 6)	0.000000	0.000000
VEHICULO (24, 1)	0.000000	0.000000
VEHICULO (24, 2)	0.000000	0.000000
VEHICULO (24, 3)	0.000000	0.000000

VEHICULO (24, 4)	0.000000	0.000000
VEHICULO (24, 5)	1.000000	0.000000
VEHICULO (24, 6)	0.000000	0.000000
VEHICULO (25, 1)	0.000000	0.000000
VEHICULO (25, 2)	0.000000	0.000000
VEHICULO (25, 3)	0.000000	0.000000
VEHICULO (25, 4)	0.000000	0.000000
VEHICULO (25, 5)	1.000000	0.000000
VEHICULO (25, 6)	0.000000	0.000000
VEHICULO (26, 1)	0.000000	0.000000
VEHICULO (26, 2)	0.000000	0.000000
VEHICULO (26, 3)	1.000000	0.000000
VEHICULO (26, 4)	0.000000	0.000000
VEHICULO (26, 5)	0.000000	0.000000
VEHICULO (26, 6)	0.000000	0.000000
VEHICULO (27, 1)	0.000000	0.000000
VEHICULO (27, 2)	0.000000	0.000000
VEHICULO (27, 3)	1.000000	0.000000
VEHICULO (27, 4)	0.000000	0.000000
VEHICULO (27, 5)	0.000000	0.000000
VEHICULO (27, 6)	0.000000	0.000000
VEHICULO (28, 1)	0.000000	0.000000
VEHICULO (28, 2)	0.000000	0.000000
VEHICULO (28, 3)	1.000000	0.000000
VEHICULO (28, 4)	0.000000	0.000000
VEHICULO (28, 5)	0.000000	0.000000
VEHICULO (28, 6)	0.000000	0.000000
VEHICULO (29, 1)	0.000000	0.000000
VEHICULO (29, 2)	0.000000	0.000000
VEHICULO (29, 3)	1.000000	0.000000
VEHICULO (29, 4)	0.000000	0.000000
VEHICULO (29, 5)	0.000000	0.000000
VEHICULO (29, 6)	0.000000	0.000000
VEHICULO (30, 1)	0.000000	0.000000
VEHICULO (30, 2)	0.000000	0.000000
VEHICULO (30, 3)	0.000000	0.000000
VEHICULO (30, 4)	0.000000	0.000000
VEHICULO (30, 5)	1.000000	0.000000
VEHICULO (30, 6)	0.000000	0.000000
VEHICULO (31, 1)	0.000000	0.000000
VEHICULO (31, 2)	0.000000	0.000000
VEHICULO (31, 3)	0.000000	0.000000
VEHICULO (31, 4)	0.000000	0.000000
VEHICULO (31, 5)	1.000000	0.000000
VEHICULO (31, 6)	0.000000	0.000000
VEHICULO (32, 1)	0.000000	0.000000
VEHICULO (32, 2)	0.000000	0.000000
VEHICULO (32, 3)	0.000000	0.000000
VEHICULO (32, 4)	0.000000	0.000000
VEHICULO (32, 5)	1.000000	0.000000
VEHICULO (32, 6)	0.000000	0.000000
VEHICULO (33, 1)	0.000000	0.000000
VEHICULO (33, 2)	0.000000	0.000000
VEHICULO (33, 3)	0.000000	0.000000
VEHICULO (33, 4)	0.000000	0.000000
VEHICULO (33, 5)	1.000000	0.000000
VEHICULO (33, 6)	0.000000	0.000000
VEHICULO (34, 1)	0.000000	0.000000
VEHICULO (34, 2)	0.000000	0.000000
VEHICULO (34, 3)	0.000000	0.000000
VEHICULO (34, 4)	0.000000	0.000000
VEHICULO (34, 5)	1.000000	0.000000
VEHICULO (34, 6)	0.000000	0.000000
VEHICULO (35, 1)	0.000000	0.000000
VEHICULO (35, 2)	0.000000	0.000000
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VEHICULO (35, 4)	0.000000	0.000000
VEHICULO (35, 5)	1.000000	0.000000
VEHICULO (35, 6)	0.000000	0.000000
VEHICULO (36, 1)	0.000000	0.000000
VEHICULO (36, 2)	0.000000	0.000000

VEHICULO (36, 3)	0.000000	0.000000
VEHICULO (36, 4)	0.000000	0.000000
VEHICULO (36, 5)	1.000000	0.000000
VEHICULO (36, 6)	0.000000	0.000000
VEHICULO (37, 1)	0.000000	0.000000
VEHICULO (37, 2)	0.000000	0.000000
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VEHICULO (37, 6)	0.000000	0.000000
VEHICULO (38, 1)	0.000000	0.000000
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VEHICULO (38, 5)	1.000000	0.000000
VEHICULO (38, 6)	0.000000	0.000000
VEHICULO (39, 1)	0.000000	0.000000
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VEHICULO (40, 1)	0.000000	0.000000
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VEHICULO (40, 5)	1.000000	0.000000
VEHICULO (40, 6)	0.000000	0.000000
VEHICULO (41, 1)	0.000000	0.000000
VEHICULO (41, 2)	0.000000	0.000000
VEHICULO (41, 3)	0.000000	0.000000
VEHICULO (41, 4)	0.000000	0.000000
VEHICULO (41, 5)	1.000000	0.000000
VEHICULO (41, 6)	0.000000	0.000000
VEHICULO (42, 1)	0.000000	0.000000
VEHICULO (42, 2)	0.000000	0.000000
VEHICULO (42, 3)	0.000000	0.000000
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VEHICULO (42, 5)	1.000000	0.000000
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VEHICULO (43, 1)	0.000000	0.000000
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VEHICULO (46, 1)	0.000000	0.000000
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VEHICULO (48, 1)	0.000000	0.000000

VEHICULO (48, 2)	0.000000	0.000000
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VEHICULO (59, 4)	0.000000	0.000000
VEHICULO (59, 5)	1.000000	0.000000
VEHICULO (59, 6)	0.000000	0.000000

VEHICULO (60, 1)	0.000000	0.000000
VEHICULO (60, 2)	0.000000	0.000000
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VEHICULO (60, 4)	0.000000	0.000000
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VEHICULO (60, 6)	0.000000	0.000000
VEHICULO (61, 1)	0.000000	0.000000
VEHICULO (61, 2)	0.000000	0.000000
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VEHICULO (61, 4)	0.000000	0.000000
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VEHICULO (61, 6)	0.000000	0.000000
VEHICULO (62, 1)	0.000000	0.000000
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VEHICULO (62, 6)	0.000000	0.000000
VEHICULO (63, 1)	0.000000	0.000000
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VEHICULO (63, 6)	0.000000	0.000000
VEHICULO (64, 1)	0.000000	0.000000
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VEHICULO (65, 5)	1.000000	0.000000
VEHICULO (65, 6)	0.000000	0.000000
VEHICULO (66, 1)	0.000000	0.000000
VEHICULO (66, 2)	0.000000	0.000000
VEHICULO (66, 3)	1.000000	0.000000
VEHICULO (66, 4)	0.000000	0.000000
VEHICULO (66, 5)	0.000000	0.000000
VEHICULO (66, 6)	0.000000	0.000000
VEHICULO (67, 1)	0.000000	0.000000
VEHICULO (67, 2)	0.000000	0.000000
VEHICULO (67, 3)	1.000000	0.000000
VEHICULO (67, 4)	0.000000	0.000000
VEHICULO (67, 5)	0.000000	0.000000
VEHICULO (67, 6)	0.000000	0.000000
VEHICULO (68, 1)	0.000000	0.000000
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VEHICULO (68, 3)	0.000000	0.000000
VEHICULO (68, 4)	0.000000	0.000000
VEHICULO (68, 5)	1.000000	0.000000
VEHICULO (68, 6)	0.000000	0.000000
VEHICULO (69, 1)	0.000000	0.000000
VEHICULO (69, 2)	0.000000	0.000000
VEHICULO (69, 3)	0.000000	0.000000
VEHICULO (69, 4)	0.000000	0.000000
VEHICULO (69, 5)	1.000000	0.000000
VEHICULO (69, 6)	0.000000	0.000000
VEHICULO (70, 1)	0.000000	0.000000
VEHICULO (70, 2)	0.000000	0.000000
VEHICULO (70, 3)	0.000000	0.000000
VEHICULO (70, 4)	0.000000	0.000000
VEHICULO (70, 5)	1.000000	0.000000
VEHICULO (70, 6)	0.000000	0.000000
VEHICULO (71, 1)	0.000000	0.000000
VEHICULO (71, 2)	0.000000	0.000000
VEHICULO (71, 3)	0.000000	0.000000
VEHICULO (71, 4)	0.000000	0.000000
VEHICULO (71, 5)	1.000000	0.000000

VEHICULO (71, 6)	0.000000	0.000000
VEHICULO (72, 1)	0.000000	0.000000
VEHICULO (72, 2)	0.000000	0.000000
VEHICULO (72, 3)	1.000000	0.000000
VEHICULO (72, 4)	0.000000	0.000000
VEHICULO (72, 5)	0.000000	0.000000
VEHICULO (72, 6)	0.000000	0.000000
VEHICULO (73, 1)	0.000000	0.000000
VEHICULO (73, 2)	0.000000	0.000000
VEHICULO (73, 3)	0.000000	0.000000
VEHICULO (73, 4)	0.000000	0.000000
VEHICULO (73, 5)	1.000000	0.000000
VEHICULO (73, 6)	0.000000	0.000000
VEHICULO (74, 1)	0.000000	0.000000
VEHICULO (74, 2)	0.000000	0.000000
VEHICULO (74, 3)	0.000000	0.000000
VEHICULO (74, 4)	0.000000	0.000000
VEHICULO (74, 5)	1.000000	0.000000
VEHICULO (74, 6)	0.000000	0.000000
VEHICULO (75, 1)	0.000000	0.000000
VEHICULO (75, 2)	0.000000	0.000000
VEHICULO (75, 3)	0.000000	0.000000
VEHICULO (75, 4)	0.000000	0.000000
VEHICULO (75, 5)	1.000000	0.000000
VEHICULO (75, 6)	0.000000	0.000000
VEHICULO (76, 1)	0.000000	0.000000
VEHICULO (76, 2)	0.000000	0.000000
VEHICULO (76, 3)	0.000000	0.000000
VEHICULO (76, 4)	0.000000	0.000000
VEHICULO (76, 5)	1.000000	0.000000
VEHICULO (76, 6)	0.000000	0.000000
VEHICULO (77, 1)	0.000000	0.000000
VEHICULO (77, 2)	0.000000	0.000000
VEHICULO (77, 3)	1.000000	0.000000
VEHICULO (77, 4)	0.000000	0.000000
VEHICULO (77, 5)	0.000000	0.000000
VEHICULO (77, 6)	0.000000	0.000000
VEHICULO (78, 1)	0.000000	0.000000
VEHICULO (78, 2)	0.000000	0.000000
VEHICULO (78, 3)	1.000000	0.000000
VEHICULO (78, 4)	0.000000	0.000000
VEHICULO (78, 5)	0.000000	0.000000
VEHICULO (78, 6)	0.000000	0.000000
VEHICULO (79, 1)	0.000000	0.000000
VEHICULO (79, 2)	0.000000	0.000000
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VEHICULO (79, 4)	0.000000	0.000000
VEHICULO (79, 5)	1.000000	0.000000
VEHICULO (79, 6)	0.000000	0.000000
VEHICULO (80, 1)	0.000000	0.000000
VEHICULO (80, 2)	0.000000	0.000000
VEHICULO (80, 3)	1.000000	0.000000
VEHICULO (80, 4)	0.000000	0.000000
VEHICULO (80, 5)	0.000000	0.000000
VEHICULO (80, 6)	0.000000	0.000000
VEHICULO (81, 1)	0.000000	0.000000
VEHICULO (81, 2)	0.000000	0.000000
VEHICULO (81, 3)	0.000000	0.000000
VEHICULO (81, 4)	0.000000	0.000000
VEHICULO (81, 5)	1.000000	0.000000
VEHICULO (81, 6)	0.000000	0.000000
VEHICULO (82, 1)	0.000000	0.000000
VEHICULO (82, 2)	0.000000	0.000000
VEHICULO (82, 3)	0.000000	0.000000
VEHICULO (82, 4)	0.000000	0.000000
VEHICULO (82, 5)	1.000000	0.000000
VEHICULO (82, 6)	0.000000	0.000000
VEHICULO (83, 1)	0.000000	0.000000
VEHICULO (83, 2)	0.000000	0.000000
VEHICULO (83, 3)	0.000000	0.000000
VEHICULO (83, 4)	0.000000	0.000000

VEHICULO (83, 5)	1.000000	0.000000
VEHICULO (83, 6)	0.000000	0.000000
VEHICULO (84, 1)	0.000000	0.000000
VEHICULO (84, 2)	0.000000	0.000000
VEHICULO (84, 3)	0.000000	0.000000
VEHICULO (84, 4)	0.000000	0.000000
VEHICULO (84, 5)	1.000000	0.000000
VEHICULO (84, 6)	0.000000	0.000000
VEHICULO (85, 1)	0.000000	0.000000
VEHICULO (85, 2)	0.000000	0.000000
VEHICULO (85, 3)	0.000000	0.000000
VEHICULO (85, 4)	0.000000	0.000000
VEHICULO (85, 5)	1.000000	0.000000
VEHICULO (85, 6)	0.000000	0.000000
VEHICULO (86, 1)	0.000000	0.000000
VEHICULO (86, 2)	0.000000	0.000000
VEHICULO (86, 3)	1.000000	0.000000
VEHICULO (86, 4)	0.000000	0.000000
VEHICULO (86, 5)	0.000000	0.000000
VEHICULO (86, 6)	0.000000	0.000000
VEHICULO (87, 1)	0.000000	0.000000
VEHICULO (87, 2)	0.000000	0.000000
VEHICULO (87, 3)	0.000000	0.000000
VEHICULO (87, 4)	0.000000	0.000000
VEHICULO (87, 5)	1.000000	0.000000
VEHICULO (87, 6)	0.000000	0.000000
VEHICULO (88, 1)	0.000000	0.000000
VEHICULO (88, 2)	0.000000	0.000000
VEHICULO (88, 3)	0.000000	0.000000
VEHICULO (88, 4)	0.000000	0.000000
VEHICULO (88, 5)	1.000000	0.000000
VEHICULO (88, 6)	0.000000	0.000000
VEHICULO (89, 1)	0.000000	0.000000
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VEHICULO (89, 6)	0.000000	0.000000
VEHICULO (90, 1)	0.000000	0.000000
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VEHICULO (90, 3)	1.000000	0.000000
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VEHICULO (91, 6)	0.000000	0.000000
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VEHICULO (93, 1)	0.000000	0.000000
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VEHICULO (93, 5)	1.000000	0.000000
VEHICULO (93, 6)	0.000000	0.000000
VEHICULO (94, 1)	0.000000	0.000000
VEHICULO (94, 2)	0.000000	0.000000
VEHICULO (94, 3)	0.000000	0.000000
VEHICULO (94, 4)	0.000000	0.000000
VEHICULO (94, 5)	1.000000	0.000000
VEHICULO (94, 6)	0.000000	0.000000
VEHICULO (95, 1)	0.000000	0.000000
VEHICULO (95, 2)	0.000000	0.000000

VEHICULO(95, 3)	0.000000	0.000000
VEHICULO(95, 4)	0.000000	0.000000
VEHICULO(95, 5)	1.000000	0.000000
VEHICULO(95, 6)	0.000000	0.000000
VEHICULO(96, 1)	0.000000	0.000000
VEHICULO(96, 2)	0.000000	0.000000
VEHICULO(96, 3)	0.000000	0.000000
VEHICULO(96, 4)	0.000000	0.000000
VEHICULO(96, 5)	1.000000	0.000000
VEHICULO(96, 6)	0.000000	0.000000

Row	Slack or Surplus	Dual Price
1	450.0000	-1.000000
2	0.000000	0.000000
3	0.000000	0.000000
4	0.000000	0.000000
5	0.000000	0.000000
6	7694.250	0.000000
7	0.000000	0.000000
8	0.000000	0.000000
9	0.000000	0.000000
10	0.000000	0.000000
11	0.000000	0.000000
12	5731856.	0.000000
13	0.000000	0.000000
14	0.000000	0.000000
15	0.000000	0.000000
16	0.000000	0.000000
17	0.000000	0.000000
18	0.000000	0.000000
19	0.000000	0.000000
20	0.000000	0.000000
21	0.000000	0.000000
22	0.000000	0.000000
23	0.000000	0.000000
24	0.000000	0.000000
25	0.000000	0.000000
26	0.000000	0.000000
27	0.000000	0.000000
28	0.000000	0.000000
29	0.000000	0.000000
30	0.000000	0.000000
31	0.000000	0.000000
32	0.000000	0.000000
33	0.000000	0.000000
34	0.000000	0.000000
35	0.000000	0.000000
36	0.000000	0.000000
37	0.000000	0.000000
38	0.000000	0.000000
39	0.000000	0.000000
40	0.000000	0.000000
41	0.000000	0.000000
42	0.000000	0.000000
43	0.000000	0.000000
44	0.000000	0.000000
45	0.000000	0.000000
46	0.000000	0.000000
47	0.000000	0.000000
48	0.000000	0.000000
49	0.000000	0.000000
50	0.000000	0.000000
51	0.000000	0.000000
52	0.000000	0.000000
53	0.000000	0.000000
54	0.000000	0.000000
55	0.000000	0.000000
56	0.000000	0.000000
57	0.000000	0.000000
58	0.000000	0.000000
59	0.000000	0.000000

60	0.000000	0.000000
61	0.000000	0.000000
62	0.000000	0.000000
63	0.000000	0.000000
64	0.000000	0.000000
65	0.000000	0.000000
66	0.000000	0.000000
67	0.000000	0.000000
68	0.000000	0.000000
69	0.000000	0.000000
70	0.000000	0.000000
71	0.000000	0.000000
72	0.000000	0.000000
73	0.000000	0.000000
74	0.000000	0.000000
75	0.000000	0.000000
76	0.000000	0.000000
77	0.000000	0.000000
78	0.000000	0.000000
79	0.000000	0.000000
80	0.000000	0.000000
81	0.000000	0.000000
82	0.000000	0.000000
83	0.000000	0.000000
84	0.000000	0.000000
85	0.000000	0.000000
86	0.000000	0.000000
87	0.000000	0.000000
88	0.000000	0.000000
89	0.000000	0.000000
90	0.000000	0.000000
91	0.000000	0.000000
92	0.000000	0.000000
93	0.000000	0.000000
94	0.000000	0.000000
95	0.000000	0.000000
96	0.000000	0.000000
97	0.000000	0.000000
98	0.000000	0.000000
99	0.000000	0.000000
100	0.000000	0.000000
101	0.000000	0.000000
102	0.000000	0.000000
103	0.000000	0.000000
104	0.000000	0.000000
105	0.000000	0.000000
106	0.000000	0.000000
107	0.000000	0.000000
108	0.000000	0.000000
109	0.000000	0.000000

Figura 14. Solución para día 5

```

Global optimal solution found.
Objective value:                450.0000
Objective bound:                450.0000
Infeasibilities:                0.000000
Extended solver steps:         5
Total solver iterations:       2587
    
```

Variable	Value	Reduced Cost
CANT_VEHICULO(1)	0.000000	170.0000
CANT_VEHICULO(2)	0.000000	200.0000
CANT_VEHICULO(3)	0.000000	300.0000
CANT_VEHICULO(4)	0.000000	350.0000
CANT_VEHICULO(5)	1.000000	450.0000
CANT_VEHICULO(6)	0.000000	500.0000
CAPACIDAD_KG(1)	1500.000	0.000000
CAPACIDAD_KG(2)	4000.000	0.000000

CAPACIDAD_KG (3)	8000.000	0.000000
CAPACIDAD_KG (4)	10000.00	0.000000
CAPACIDAD_KG (5)	12000.00	0.000000
CAPACIDAD_KG (6)	14000.00	0.000000
CAPACIDAD_VOL (1)	9000000.	0.000000
CAPACIDAD_VOL (2)	0.1200000E+08	0.000000
CAPACIDAD_VOL (3)	0.1700000E+08	0.000000
CAPACIDAD_VOL (4)	0.2100000E+08	0.000000
CAPACIDAD_VOL (5)	0.3200000E+08	0.000000
CAPACIDAD_VOL (6)	0.4368000E+08	0.000000
COSTO (1)	170.0000	0.000000
COSTO (2)	200.0000	0.000000
COSTO (3)	300.0000	0.000000
COSTO (4)	350.0000	0.000000
COSTO (5)	450.0000	0.000000
COSTO (6)	500.0000	0.000000
DEMANDA5_KG (1)	0.000000	0.000000
DEMANDA5_KG (2)	0.000000	0.000000
DEMANDA5_KG (3)	0.000000	0.000000
DEMANDA5_KG (4)	0.000000	0.000000
DEMANDA5_KG (5)	0.000000	0.000000
DEMANDA5_KG (6)	0.000000	0.000000
DEMANDA5_KG (7)	0.000000	0.000000
DEMANDA5_KG (8)	264.8000	0.000000
DEMANDA5_KG (9)	0.000000	0.000000
DEMANDA5_KG (10)	252.0000	0.000000
DEMANDA5_KG (11)	306.0000	0.000000
DEMANDA5_KG (12)	140.0000	0.000000
DEMANDA5_KG (13)	0.000000	0.000000
DEMANDA5_KG (14)	1.800000	0.000000
DEMANDA5_KG (15)	0.000000	0.000000
DEMANDA5_KG (16)	0.000000	0.000000
DEMANDA5_KG (17)	116.0000	0.000000
DEMANDA5_KG (18)	0.000000	0.000000
DEMANDA5_KG (19)	0.000000	0.000000
DEMANDA5_KG (20)	0.000000	0.000000
DEMANDA5_KG (21)	2.280000	0.000000
DEMANDA5_KG (22)	20.00000	0.000000
DEMANDA5_KG (23)	0.000000	0.000000
DEMANDA5_KG (24)	190.0000	0.000000
DEMANDA5_KG (25)	0.000000	0.000000
DEMANDA5_KG (26)	1.800000	0.000000
DEMANDA5_KG (27)	0.000000	0.000000
DEMANDA5_KG (28)	0.000000	0.000000
DEMANDA5_KG (29)	0.000000	0.000000
DEMANDA5_KG (30)	220.0000	0.000000
DEMANDA5_KG (31)	568.0000	0.000000
DEMANDA5_KG (32)	0.000000	0.000000
DEMANDA5_KG (33)	96.00000	0.000000
DEMANDA5_KG (34)	0.000000	0.000000
DEMANDA5_KG (35)	234.0000	0.000000
DEMANDA5_KG (36)	0.000000	0.000000
DEMANDA5_KG (37)	0.000000	0.000000
DEMANDA5_KG (38)	0.000000	0.000000
DEMANDA5_KG (39)	0.000000	0.000000
DEMANDA5_KG (40)	0.000000	0.000000
DEMANDA5_KG (41)	0.000000	0.000000
DEMANDA5_KG (42)	0.000000	0.000000
DEMANDA5_KG (43)	244.0000	0.000000
DEMANDA5_KG (44)	0.000000	0.000000
DEMANDA5_KG (45)	0.000000	0.000000
DEMANDA5_KG (46)	4018.000	0.000000
DEMANDA5_KG (47)	0.000000	0.000000
DEMANDA5_KG (48)	0.000000	0.000000
DEMANDA5_KG (49)	0.000000	0.000000
DEMANDA5_KG (50)	0.000000	0.000000
DEMANDA5_KG (51)	0.000000	0.000000
DEMANDA5_KG (52)	0.000000	0.000000
DEMANDA5_KG (53)	30.00000	0.000000
DEMANDA5_KG (54)	0.000000	0.000000
DEMANDA5_KG (55)	0.000000	0.000000

DEMANDA5_KG (56)	0.000000	0.000000
DEMANDA5_KG (57)	0.000000	0.000000
DEMANDA5_KG (58)	0.000000	0.000000
DEMANDA5_KG (59)	38.00000	0.000000
DEMANDA5_KG (60)	0.000000	0.000000
DEMANDA5_KG (61)	0.000000	0.000000
DEMANDA5_KG (62)	100.0000	0.000000
DEMANDA5_KG (63)	0.000000	0.000000
DEMANDA5_KG (64)	0.000000	0.000000
DEMANDA5_KG (65)	0.000000	0.000000
DEMANDA5_KG (66)	0.000000	0.000000
DEMANDA5_KG (67)	0.000000	0.000000
DEMANDA5_KG (68)	158.0000	0.000000
DEMANDA5_KG (69)	0.000000	0.000000
DEMANDA5_KG (70)	0.000000	0.000000
DEMANDA5_KG (71)	0.000000	0.000000
DEMANDA5_KG (72)	0.000000	0.000000
DEMANDA5_KG (73)	0.000000	0.000000
DEMANDA5_KG (74)	0.000000	0.000000
DEMANDA5_KG (75)	0.000000	0.000000
DEMANDA5_KG (76)	0.000000	0.000000
DEMANDA5_KG (77)	0.000000	0.000000
DEMANDA5_KG (78)	0.000000	0.000000
DEMANDA5_KG (79)	0.000000	0.000000
DEMANDA5_KG (80)	0.000000	0.000000
DEMANDA5_KG (81)	0.000000	0.000000
DEMANDA5_KG (82)	0.000000	0.000000
DEMANDA5_KG (83)	0.000000	0.000000
DEMANDA5_KG (84)	0.000000	0.000000
DEMANDA5_KG (85)	1.800000	0.000000
DEMANDA5_KG (86)	0.000000	0.000000
DEMANDA5_KG (87)	0.000000	0.000000
DEMANDA5_KG (88)	0.000000	0.000000
DEMANDA5_KG (89)	0.000000	0.000000
DEMANDA5_KG (90)	0.000000	0.000000
DEMANDA5_KG (91)	0.000000	0.000000
DEMANDA5_KG (92)	0.000000	0.000000
DEMANDA5_KG (93)	0.000000	0.000000
DEMANDA5_KG (94)	0.000000	0.000000
DEMANDA5_KG (95)	0.000000	0.000000
DEMANDA5_KG (96)	0.000000	0.000000
DEMANDA5_VOL (1)	0.000000	0.000000
DEMANDA5_VOL (2)	0.000000	0.000000
DEMANDA5_VOL (3)	0.000000	0.000000
DEMANDA5_VOL (4)	0.000000	0.000000
DEMANDA5_VOL (5)	0.000000	0.000000
DEMANDA5_VOL (6)	0.000000	0.000000
DEMANDA5_VOL (7)	0.000000	0.000000
DEMANDA5_VOL (8)	965560.2	0.000000
DEMANDA5_VOL (9)	0.000000	0.000000
DEMANDA5_VOL (10)	1015560.	0.000000
DEMANDA5_VOL (11)	1241240.	0.000000
DEMANDA5_VOL (12)	846300.0	0.000000
DEMANDA5_VOL (13)	0.000000	0.000000
DEMANDA5_VOL (14)	7104.000	0.000000
DEMANDA5_VOL (15)	0.000000	0.000000
DEMANDA5_VOL (16)	0.000000	0.000000
DEMANDA5_VOL (17)	507780.0	0.000000
DEMANDA5_VOL (18)	0.000000	0.000000
DEMANDA5_VOL (19)	0.000000	0.000000
DEMANDA5_VOL (20)	0.000000	0.000000
DEMANDA5_VOL (21)	3386.250	0.000000
DEMANDA5_VOL (22)	282100.0	0.000000
DEMANDA5_VOL (23)	0.000000	0.000000
DEMANDA5_VOL (24)	789880.0	0.000000
DEMANDA5_VOL (25)	0.000000	0.000000
DEMANDA5_VOL (26)	7104.000	0.000000
DEMANDA5_VOL (27)	0.000000	0.000000
DEMANDA5_VOL (28)	0.000000	0.000000
DEMANDA5_VOL (29)	0.000000	0.000000
DEMANDA5_VOL (30)	959140.0	0.000000

DEMANDA5_VOL (31)	2369640.	0.000000
DEMANDA5_VOL (32)	0.000000	0.000000
DEMANDA5_VOL (33)	564200.0	0.000000
DEMANDA5_VOL (34)	0.000000	0.000000
DEMANDA5_VOL (35)	1015560.	0.000000
DEMANDA5_VOL (36)	0.000000	0.000000
DEMANDA5_VOL (37)	0.000000	0.000000
DEMANDA5_VOL (38)	0.000000	0.000000
DEMANDA5_VOL (39)	0.000000	0.000000
DEMANDA5_VOL (40)	0.000000	0.000000
DEMANDA5_VOL (41)	0.000000	0.000000
DEMANDA5_VOL (42)	0.000000	0.000000
DEMANDA5_VOL (43)	959140.0	0.000000
DEMANDA5_VOL (44)	0.000000	0.000000
DEMANDA5_VOL (45)	0.000000	0.000000
DEMANDA5_VOL (46)	0.1209483E+08	0.000000
DEMANDA5_VOL (47)	0.000000	0.000000
DEMANDA5_VOL (48)	0.000000	0.000000
DEMANDA5_VOL (49)	0.000000	0.000000
DEMANDA5_VOL (50)	0.000000	0.000000
DEMANDA5_VOL (51)	0.000000	0.000000
DEMANDA5_VOL (52)	0.000000	0.000000
DEMANDA5_VOL (53)	169260.0	0.000000
DEMANDA5_VOL (54)	0.000000	0.000000
DEMANDA5_VOL (55)	0.000000	0.000000
DEMANDA5_VOL (56)	0.000000	0.000000
DEMANDA5_VOL (57)	0.000000	0.000000
DEMANDA5_VOL (58)	0.000000	0.000000
DEMANDA5_VOL (59)	282100.0	0.000000
DEMANDA5_VOL (60)	0.000000	0.000000
DEMANDA5_VOL (61)	0.000000	0.000000
DEMANDA5_VOL (62)	507780.0	0.000000
DEMANDA5_VOL (63)	0.000000	0.000000
DEMANDA5_VOL (64)	0.000000	0.000000
DEMANDA5_VOL (65)	0.000000	0.000000
DEMANDA5_VOL (66)	0.000000	0.000000
DEMANDA5_VOL (67)	0.000000	0.000000
DEMANDA5_VOL (68)	733460.0	0.000000
DEMANDA5_VOL (69)	0.000000	0.000000
DEMANDA5_VOL (70)	0.000000	0.000000
DEMANDA5_VOL (71)	0.000000	0.000000
DEMANDA5_VOL (72)	0.000000	0.000000
DEMANDA5_VOL (73)	0.000000	0.000000
DEMANDA5_VOL (74)	0.000000	0.000000
DEMANDA5_VOL (75)	0.000000	0.000000
DEMANDA5_VOL (76)	0.000000	0.000000
DEMANDA5_VOL (77)	0.000000	0.000000
DEMANDA5_VOL (78)	0.000000	0.000000
DEMANDA5_VOL (79)	0.000000	0.000000
DEMANDA5_VOL (80)	0.000000	0.000000
DEMANDA5_VOL (81)	0.000000	0.000000
DEMANDA5_VOL (82)	0.000000	0.000000
DEMANDA5_VOL (83)	0.000000	0.000000
DEMANDA5_VOL (84)	0.000000	0.000000
DEMANDA5_VOL (85)	7104.000	0.000000
DEMANDA5_VOL (86)	0.000000	0.000000
DEMANDA5_VOL (87)	0.000000	0.000000
DEMANDA5_VOL (88)	0.000000	0.000000
DEMANDA5_VOL (89)	0.000000	0.000000
DEMANDA5_VOL (90)	0.000000	0.000000
DEMANDA5_VOL (91)	0.000000	0.000000
DEMANDA5_VOL (92)	0.000000	0.000000
DEMANDA5_VOL (93)	0.000000	0.000000
DEMANDA5_VOL (94)	0.000000	0.000000
DEMANDA5_VOL (95)	0.000000	0.000000
DEMANDA5_VOL (96)	0.000000	0.000000
VEHICULO (1, 1)	0.000000	0.000000
VEHICULO (1, 2)	0.000000	0.000000
VEHICULO (1, 3)	1.000000	0.000000
VEHICULO (1, 4)	0.000000	0.000000
VEHICULO (1, 5)	0.000000	0.000000

VEHICULO(1, 6)	0.000000	0.000000
VEHICULO(2, 1)	0.000000	0.000000
VEHICULO(2, 2)	0.000000	0.000000
VEHICULO(2, 3)	1.000000	0.000000
VEHICULO(2, 4)	0.000000	0.000000
VEHICULO(2, 5)	0.000000	0.000000
VEHICULO(2, 6)	0.000000	0.000000
VEHICULO(3, 1)	0.000000	0.000000
VEHICULO(3, 2)	0.000000	0.000000
VEHICULO(3, 3)	1.000000	0.000000
VEHICULO(3, 4)	0.000000	0.000000
VEHICULO(3, 5)	0.000000	0.000000
VEHICULO(3, 6)	0.000000	0.000000
VEHICULO(4, 1)	0.000000	0.000000
VEHICULO(4, 2)	0.000000	0.000000
VEHICULO(4, 3)	1.000000	0.000000
VEHICULO(4, 4)	0.000000	0.000000
VEHICULO(4, 5)	0.000000	0.000000
VEHICULO(4, 6)	0.000000	0.000000
VEHICULO(5, 1)	0.000000	0.000000
VEHICULO(5, 2)	0.000000	0.000000
VEHICULO(5, 3)	1.000000	0.000000
VEHICULO(5, 4)	0.000000	0.000000
VEHICULO(5, 5)	0.000000	0.000000
VEHICULO(5, 6)	0.000000	0.000000
VEHICULO(6, 1)	0.000000	0.000000
VEHICULO(6, 2)	0.000000	0.000000
VEHICULO(6, 3)	1.000000	0.000000
VEHICULO(6, 4)	0.000000	0.000000
VEHICULO(6, 5)	0.000000	0.000000
VEHICULO(6, 6)	0.000000	0.000000
VEHICULO(7, 1)	0.000000	0.000000
VEHICULO(7, 2)	0.000000	0.000000
VEHICULO(7, 3)	1.000000	0.000000
VEHICULO(7, 4)	0.000000	0.000000
VEHICULO(7, 5)	0.000000	0.000000
VEHICULO(7, 6)	0.000000	0.000000
VEHICULO(8, 1)	0.000000	0.000000
VEHICULO(8, 2)	0.000000	0.000000
VEHICULO(8, 3)	0.000000	0.000000
VEHICULO(8, 4)	0.000000	0.000000
VEHICULO(8, 5)	1.000000	0.000000
VEHICULO(8, 6)	0.000000	0.000000
VEHICULO(9, 1)	0.000000	0.000000
VEHICULO(9, 2)	0.000000	0.000000
VEHICULO(9, 3)	1.000000	0.000000
VEHICULO(9, 4)	0.000000	0.000000
VEHICULO(9, 5)	0.000000	0.000000
VEHICULO(9, 6)	0.000000	0.000000
VEHICULO(10, 1)	0.000000	0.000000
VEHICULO(10, 2)	0.000000	0.000000
VEHICULO(10, 3)	0.000000	0.000000
VEHICULO(10, 4)	0.000000	0.000000
VEHICULO(10, 5)	1.000000	0.000000
VEHICULO(10, 6)	0.000000	0.000000
VEHICULO(11, 1)	0.000000	0.000000
VEHICULO(11, 2)	0.000000	0.000000
VEHICULO(11, 3)	0.000000	0.000000
VEHICULO(11, 4)	0.000000	0.000000
VEHICULO(11, 5)	1.000000	0.000000
VEHICULO(11, 6)	0.000000	0.000000
VEHICULO(12, 1)	0.000000	0.000000
VEHICULO(12, 2)	0.000000	0.000000
VEHICULO(12, 3)	0.000000	0.000000
VEHICULO(12, 4)	0.000000	0.000000
VEHICULO(12, 5)	1.000000	0.000000
VEHICULO(12, 6)	0.000000	0.000000
VEHICULO(13, 1)	0.000000	0.000000
VEHICULO(13, 2)	0.000000	0.000000
VEHICULO(13, 3)	1.000000	0.000000
VEHICULO(13, 4)	0.000000	0.000000

VEHICULO (13, 5)	0.000000	0.000000
VEHICULO (13, 6)	0.000000	0.000000
VEHICULO (14, 1)	0.000000	0.000000
VEHICULO (14, 2)	0.000000	0.000000
VEHICULO (14, 3)	0.000000	0.000000
VEHICULO (14, 4)	0.000000	0.000000
VEHICULO (14, 5)	1.000000	0.000000
VEHICULO (14, 6)	0.000000	0.000000
VEHICULO (15, 1)	0.000000	0.000000
VEHICULO (15, 2)	0.000000	0.000000
VEHICULO (15, 3)	1.000000	0.000000
VEHICULO (15, 4)	0.000000	0.000000
VEHICULO (15, 5)	0.000000	0.000000
VEHICULO (15, 6)	0.000000	0.000000
VEHICULO (16, 1)	0.000000	0.000000
VEHICULO (16, 2)	0.000000	0.000000
VEHICULO (16, 3)	1.000000	0.000000
VEHICULO (16, 4)	0.000000	0.000000
VEHICULO (16, 5)	0.000000	0.000000
VEHICULO (16, 6)	0.000000	0.000000
VEHICULO (17, 1)	0.000000	0.000000
VEHICULO (17, 2)	0.000000	0.000000
VEHICULO (17, 3)	0.000000	0.000000
VEHICULO (17, 4)	0.000000	0.000000
VEHICULO (17, 5)	1.000000	0.000000
VEHICULO (17, 6)	0.000000	0.000000
VEHICULO (18, 1)	0.000000	0.000000
VEHICULO (18, 2)	0.000000	0.000000
VEHICULO (18, 3)	1.000000	0.000000
VEHICULO (18, 4)	0.000000	0.000000
VEHICULO (18, 5)	0.000000	0.000000
VEHICULO (18, 6)	0.000000	0.000000
VEHICULO (19, 1)	0.000000	0.000000
VEHICULO (19, 2)	0.000000	0.000000
VEHICULO (19, 3)	1.000000	0.000000
VEHICULO (19, 4)	0.000000	0.000000
VEHICULO (19, 5)	0.000000	0.000000
VEHICULO (19, 6)	0.000000	0.000000
VEHICULO (20, 1)	0.000000	0.000000
VEHICULO (20, 2)	0.000000	0.000000
VEHICULO (20, 3)	1.000000	0.000000
VEHICULO (20, 4)	0.000000	0.000000
VEHICULO (20, 5)	0.000000	0.000000
VEHICULO (20, 6)	0.000000	0.000000
VEHICULO (21, 1)	0.000000	0.000000
VEHICULO (21, 2)	0.000000	0.000000
VEHICULO (21, 3)	0.000000	0.000000
VEHICULO (21, 4)	0.000000	0.000000
VEHICULO (21, 5)	1.000000	0.000000
VEHICULO (21, 6)	0.000000	0.000000
VEHICULO (22, 1)	0.000000	0.000000
VEHICULO (22, 2)	0.000000	0.000000
VEHICULO (22, 3)	0.000000	0.000000
VEHICULO (22, 4)	0.000000	0.000000
VEHICULO (22, 5)	1.000000	0.000000
VEHICULO (22, 6)	0.000000	0.000000
VEHICULO (23, 1)	0.000000	0.000000
VEHICULO (23, 2)	0.000000	0.000000
VEHICULO (23, 3)	1.000000	0.000000
VEHICULO (23, 4)	0.000000	0.000000
VEHICULO (23, 5)	0.000000	0.000000
VEHICULO (23, 6)	0.000000	0.000000
VEHICULO (24, 1)	0.000000	0.000000
VEHICULO (24, 2)	0.000000	0.000000
VEHICULO (24, 3)	0.000000	0.000000
VEHICULO (24, 4)	0.000000	0.000000
VEHICULO (24, 5)	1.000000	0.000000
VEHICULO (24, 6)	0.000000	0.000000
VEHICULO (25, 1)	0.000000	0.000000
VEHICULO (25, 2)	0.000000	0.000000
VEHICULO (25, 3)	1.000000	0.000000

VEHICULO (25, 4)	0.000000	0.000000
VEHICULO (25, 5)	0.000000	0.000000
VEHICULO (25, 6)	0.000000	0.000000
VEHICULO (26, 1)	0.000000	0.000000
VEHICULO (26, 2)	0.000000	0.000000
VEHICULO (26, 3)	0.000000	0.000000
VEHICULO (26, 4)	0.000000	0.000000
VEHICULO (26, 5)	1.000000	0.000000
VEHICULO (26, 6)	0.000000	0.000000
VEHICULO (27, 1)	0.000000	0.000000
VEHICULO (27, 2)	0.000000	0.000000
VEHICULO (27, 3)	1.000000	0.000000
VEHICULO (27, 4)	0.000000	0.000000
VEHICULO (27, 5)	0.000000	0.000000
VEHICULO (27, 6)	0.000000	0.000000
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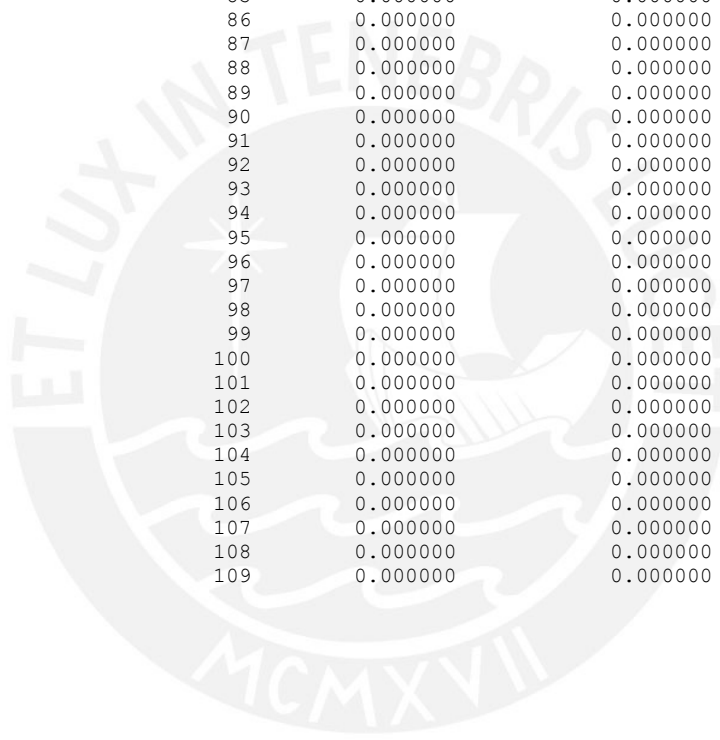
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VEHICULO (94, 6)	0.000000	0.000000
VEHICULO (95, 1)	0.000000	0.000000
VEHICULO (95, 2)	0.000000	0.000000
VEHICULO (95, 3)	1.000000	0.000000
VEHICULO (95, 4)	0.000000	0.000000
VEHICULO (95, 5)	0.000000	0.000000
VEHICULO (95, 6)	0.000000	0.000000
VEHICULO (96, 1)	0.000000	0.000000
VEHICULO (96, 2)	0.000000	0.000000

VEHICULO(96, 3)	1.000000	0.000000
VEHICULO(96, 4)	0.000000	0.000000
VEHICULO(96, 5)	0.000000	0.000000
VEHICULO(96, 6)	0.000000	0.000000

Row	Slack or Surplus	Dual Price
1	450.0000	-1.000000
2	0.000000	0.000000
3	0.000000	0.000000
4	0.000000	0.000000
5	0.000000	0.000000
6	4997.520	0.000000
7	0.000000	0.000000
8	0.000000	0.000000
9	0.000000	0.000000
10	0.000000	0.000000
11	0.000000	0.000000
12	6671773.	0.000000
13	0.000000	0.000000
14	0.000000	0.000000
15	0.000000	0.000000
16	0.000000	0.000000
17	0.000000	0.000000
18	0.000000	0.000000
19	0.000000	0.000000
20	0.000000	0.000000
21	0.000000	0.000000
22	0.000000	0.000000
23	0.000000	0.000000
24	0.000000	0.000000
25	0.000000	0.000000
26	0.000000	0.000000
27	0.000000	0.000000
28	0.000000	0.000000
29	0.000000	0.000000
30	0.000000	0.000000
31	0.000000	0.000000
32	0.000000	0.000000
33	0.000000	0.000000
34	0.000000	0.000000
35	0.000000	0.000000
36	0.000000	0.000000
37	0.000000	0.000000
38	0.000000	0.000000
39	0.000000	0.000000
40	0.000000	0.000000
41	0.000000	0.000000
42	0.000000	0.000000
43	0.000000	0.000000
44	0.000000	0.000000
45	0.000000	0.000000
46	0.000000	0.000000
47	0.000000	0.000000
48	0.000000	0.000000
49	0.000000	0.000000
50	0.000000	0.000000
51	0.000000	0.000000
52	0.000000	0.000000
53	0.000000	0.000000
54	0.000000	0.000000
55	0.000000	0.000000
56	0.000000	0.000000
57	0.000000	0.000000
58	0.000000	0.000000
59	0.000000	0.000000
60	0.000000	0.000000
61	0.000000	0.000000
62	0.000000	0.000000
63	0.000000	0.000000
64	0.000000	0.000000
65	0.000000	0.000000

66	0.000000	0.000000
67	0.000000	0.000000
68	0.000000	0.000000
69	0.000000	0.000000
70	0.000000	0.000000
71	0.000000	0.000000
72	0.000000	0.000000
73	0.000000	0.000000
74	0.000000	0.000000
75	0.000000	0.000000
76	0.000000	0.000000
77	0.000000	0.000000
78	0.000000	0.000000
79	0.000000	0.000000
80	0.000000	0.000000
81	0.000000	0.000000
82	0.000000	0.000000
83	0.000000	0.000000
84	0.000000	0.000000
85	0.000000	0.000000
86	0.000000	0.000000
87	0.000000	0.000000
88	0.000000	0.000000
89	0.000000	0.000000
90	0.000000	0.000000
91	0.000000	0.000000
92	0.000000	0.000000
93	0.000000	0.000000
94	0.000000	0.000000
95	0.000000	0.000000
96	0.000000	0.000000
97	0.000000	0.000000
98	0.000000	0.000000
99	0.000000	0.000000
100	0.000000	0.000000
101	0.000000	0.000000
102	0.000000	0.000000
103	0.000000	0.000000
104	0.000000	0.000000
105	0.000000	0.000000
106	0.000000	0.000000
107	0.000000	0.000000
108	0.000000	0.000000
109	0.000000	0.000000



Anexo 10. Solución optimización ruta

Figura 15. Modelo de la heurística de inserción en MATLAB

```

%DEMANDA_KG es la demanda de los clientes en el DIA;
%DEMANDA_VOL es la demanda de los clientes en el DIA;
%TIEMPO_SERV es el tiempo de servicio de los clientes atendidos el DIA;
%VENT_TIEMPO_INF es la ventana inferior de los clientes atendidos el
DIA;
%VENT_TIEMPO_SUP es la ventana superior de los clientes atendidos el
DIA;
%MATRIZ_TIEMPO_TRAFICO es la matriz de distancia expresada en minutos
de viaje entre los lclientes atendidos el DIA;
%costoxmin es el costo por minuto recorrido al visitar cada cliente en
el DIA;
%delta1, delta2 y delta3 son parámetros de peso no negativos y que
suman 1;
%bii y bi son los tiempos de arribo al cliente i;
%tij es el tiempo en minutos invertido en ir del cliente i al cliente
j;
%cij es el costo de ir del cliente i al cliente j;
%Tij es la cercanía de los clientes en tiempo;
%Vij es la urgencia de realizar la inserción;
%Cij es la función costo de insertar un cliente j después del cliente
i;
%Ruta_acumulada son los minutos invertidos en recorrer una ruta
completa;
%Factor_insercion es el factor que determina el cliente que será
insertado;
%n es el número de clientes que serán atendidos, para el DIA 2 son 9;
%Route{hh,ee} es un cell que almacena la ruta de atención a los
clientes;
%betai{hh,cc} es un cell que almacena el tiempo de llegada a cada
cliente;
%R es el vector de Route{hh,ee};
%x es el cliente anterior al cliente i que se insertará en la ruta;
%FI,RA Y RAI constantes que permiten seleccionar al cliente a insertar;
%TS es el tiempo de servicio total;
%Ruta_Total son los minutos de Ruta_acumulada mas el TS;
%Ruta_TotalHoras es el tiempo total de la ruta en horas;
%ETotal son los minutos en que se sobrepasan las ventanas de tiempo;
%E{hh,ii} es un cell que almacena los minutos sobrepasados por cliente;
%i,w y j valores de los clientes a insertar;
%hh,ee,bb,aa,cc,z,vv,ff,ii y ww variables para almacenar datos y
ordenarlos;

clear
n=input('Introduzca número de clientes que serán atendidos');
DEMANDA_KG=xlsread('DATA_RuteoDeVehiculos_TESIS_GianniValerieReyesMaqui
n','PruebaHipotesis_P2','C4:C12');
DEMANDA_VOL=xlsread('DATA_RuteoDeVehiculos_TESIS_GianniValerieReyesMaqui
in','PruebaHipotesis_P2','D4:D12');
TIEMPO_SERV=xlsread('DATA_RuteoDeVehiculos_TESIS_GianniValerieReyesMaqui
in','PruebaHipotesis_P2','N4:N12');
VENT_TIEMPO_INF=xlsread('DATA_RuteoDeVehiculos_TESIS_GianniValerieReyes
Maquin','PruebaHipotesis_P2','J4:J12');
VENT_TIEMPO_SUP=xlsread('DATA_RuteoDeVehiculos_TESIS_GianniValerieReyes
Maquin','PruebaHipotesis_P2','K4:K12');

```

```
MATRIZ_TIEMPO_TRAFICO=xlsread('DATA_RuteoDeVehiculos_TESIS_GianniValeri
eReyesMaquin','PruebaHipotesis_P2','Q4:Y12');
```

```
costoxmin=2.88;
delta1=0.3;
delta2=0.4;
delta3=1-delta1-delta2;
t=MATRIZ_TIEMPO_TRAFICO;
vti=VENT_TIEMPO_INF;
vts=VENT_TIEMPO_SUP;
ts=TIEMPO_SERV;
V=1000;
S=1000;
FI=1000;
RA=0;
R=[];
x=1;
ETotal=0;
uu=0;
RSTotal=0;
RS=0;
gg=0;

for j=2:n
    i=1;
    s=t(i,j);
    v=vti(j);
    if s<S && v<=V
        S=s;
        V=v;
        n1=j;
        b1=vti(1)+ts(1)+S;
        cij1=costoxmin*S;
        Tij1=b1-vti(1)-ts(1);
        Vij1=vts(n1)-b1;
        Cij1=cij1*delta1+Tij1*delta2+Vij1*delta3;
        Ruta_acumulada1=S+t(n1,1);
        Factor_insercion1=Cij1*(2/3)+Ruta_acumulada1*(1/3);
    end
end

for j=2:n
    if ETotal==0 && j~=n1
        hh=1;
        ee=1;
        bb=2;
        aa=1;
        cc=2;
        Route{hh,ee}=1;
        Route{hh,cc}=n1;
        betai{hh,aa}=0;
        betai{hh,bb}=b1;
        z=length(Route);
        for ee=1:z
            if cc==0
                cc=1;
            end
        end
    end
end
```

```

end
if bb==0
    bb=1;
end
i=Route{hh,ee};
w=Route{hh,cc};
bii=betai{hh,aa};
bi=betai{hh,bb};
b=bi+bii+ts(i)+t(i,j);
cij=costoxmin*t(i,j);
Tij=b-bi-bii-ts(i);
Vij=vts(j)-bi-bii-ts(i)-t(i,j);
if b<vti(j)
    b=vti(j);
    Tij=b;
end
Cij=delta1*cij+delta2*Tij+delta3*Vij;
Ruta_acumulada=Ruta_acumulada1-t(i,w)+t(i,j)+t(j,w);
Factor_insercion=Cij*(2/3)+Ruta_acumulada*(1/3);
if Factor_insercion<FI && b>=0 && cij>=0 && Tij>=0 && Vij>=0
&& Cij>=0 && i~=1
    x=i;
    bii=b;
    FI=Factor_insercion;
    RA=Ruta_acumulada;
    RA1=Ruta_acumulada1;
end
aa=aa+1;
R=cell2mat(Route);
rr=find(R==i);
ss=find(R==x);
if ee==z
    if ss<rr
        i=x;
        R=cell2mat(Route);
        w=find(R==i);
        vv=R(w+1);
        bii=betai{hh,w};
        bi=betai{hh,bb};
        b=bi+bii+ts(i)+t(i,j);
        cij=costoxmin*t(i,j);
        Tij=b-bi-bii-ts(i);
        Vij=vts(j)-bi-bii-ts(i)-t(i,j);
        if b<vti(j)
            b=vti(j);
            Tij=b;
        end
        Cij=delta1*cij+delta2*Tij+delta3*Vij;
        Ruta_acumulada=RA1-t(i,vv)+t(i,j)+t(j,vv);
        Factor_insercion=Cij*(2/3)+Ruta_acumulada*(1/3);
        RA=Ruta_acumulada;
        bii=b;
    end
    betai{hh,aa}=bii;
    FI=1000;
    Ruta_acumulada1=RA;
end
end

```



```

        cc=cc-1;
        bb=bb-1;
        ee=ee+1;
    end
    ee=1;
    cc=z;
    if x==Route{hh,ee}
        ff=cc+1;
        Route{hh,cc}=j;
        Route{hh,ff}=w;
    elseif x==Route{hh,cc}
        ff=cc+1;
        Route{hh,ff}=j;
    else
        ww=w+1;
        Route{hh,ww}=j;
        betai{hh,ww}=bii;
        while ww<=cc
            ff=ww+1;
            Route{hh,ff}=R(ww);
        end
        b=bi+betai{hh,ww}+ts(Route{hh,ww})+t(Route{hh,ww},Route{hh,ff});
        if b<vti(Route{hh,ff})
            b=vti(Route{hh,ff});
        end
        betai{hh,ff}=b;
        ww=ww+1;
    end
end
R=cell2mat(Route);
TS=0;
ii=1;
N=cell2mat(Route);
m=N>0;
mm=sum(sum(m));
nn=N(ii);
while nn<=max(N)
    TS=TS+ts(nn);
    ii=ii+1;
    if ii<=mm
        nn=N(ii);
    else
        nn=n+1;
    end
end
Ruta_Total=Ruta_acumulada+TS;
Ruta_TotalHoras=Ruta_Total/60;
ii=1;
N=cell2mat(Route);
m=N>0;
mm=sum(sum(m));
nn=N(ii);
B=cell2mat(betai);
betaii=B(ii);
while nn<=max(N)
    if betaii>vts(nn)
        E{hh,ii}=betaii-vts(nn);
    end
end

```

```

else
    E{hh,ii}=0;
end
ETotal=ETotal+E{hh,ii};
ii=ii+1;
if ii<=mm
    nn=N(ii);
    betaii=B(ii);
else
    nn=n+1;
end
end
RS=cell2mat(Route);
else
    j=n+1;

end
end

disp('')
disp('La ruta obtenida es la siguiente:')
disp('')
disp(RS)
disp('')
disp('Los tiempos de llegada a cada cliente son los siguientes:')
disp('')
disp(B)
disp('')
disp('Los valores de exceso para los clientes son los siguientes:')
disp(E)
disp('')
fprintf('El valor de n1 es %2.0f y de b1 es %3.2f en
minutos.\n',n1,b1);
fprintf('El tiempo de la ruta obtenida en minutos es %6.2f y %3.2f en
horas.\n',Ruta_Total,Ruta_TotalHoras);
fprintf('El tiempo de incumplimiento de las ventanas de tiempo es %6.2f
en minutos.\n\n',ETotal);

```

Figura 16. Primera iteración para la solución del DIA 1

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA1
Introduzca número de clientes que serán atendidos 9
La ruta obtenida es la siguiente:
    1    3    5    8    2    4    6    7    9

Los tiempos de llegada a cada cliente son los siguientes:
    0    0.2250    72.8250    108.3750    239.1750    312.8550
358.4550    509.9550    600.6750

Los valores de exceso para los clientes son los siguientes:
    [0]    [0]    [0]    [0]    [0]    [0]    [0]    [0]    [0]

El valor de n1 es 3 y de b1 es 0.23 en minutos.
El tiempo de la ruta obtenida en minutos es 716.36 y 11.94 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en
minutos.

```

Figura 17. Segunda iteración para la solución del DIA 1

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA1
Introduzca número de clientes que serán atendidos 30
La ruta obtenida es la siguiente:
    1    29    2    3    4    5    8    6    7

Los tiempos de llegada a cada cliente son los siguientes:
    0    0.8100    120.0000    159.6000    220.5000    268.2000
312.0000 363.3000 511.5000

Los valores de exceso para los clientes son los siguientes:
    [0]    [0]    [0]    [0]    [0]    [0]    [0]    [3.3000]    [0]

El valor de n1 es 29 y de b1 es 0.81 en minutos.
El tiempo de la ruta obtenida en minutos es 554.01 y 9.23 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 3.30 en
minutos.
    
```

Figura 18. Tercera iteración para la solución del DIA 1

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA1
Introduzca número de clientes que serán atendidos 7
La ruta obtenida es la siguiente:
    1    4    2    3    5    7    6

Los tiempos de llegada a cada cliente son los siguientes:
    0    9.6000    120.0000    196.5600    242.4600    301.6200
377.3400

Los valores de exceso para los clientes son los siguientes:
    [0]    [0]    [0]    [0]    [0]    [0]    [0]

El valor de n1 es 4 y de b1 es 9.60 en minutos.
El tiempo de la ruta obtenida en minutos es 388.20 y 6.47 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en
minutos.
    
```

Figura 19. Cuarta iteración para la solución del DIA 1

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA1
Introduzca número de clientes que serán atendidos 16
La ruta obtenida es la siguiente:
    1    2    3    5    6    9    7    8    4

Los tiempos de llegada a cada cliente son los siguientes:
    0    8.7000    120.0000    182.6400    237.3600    304.9200
396.0000 550.5000 679.2000

Los valores de exceso para los clientes son los siguientes:
    [0]    [0]    [0]    [0]    [0]    [0]    [36]    [0]    [0]

El valor de n1 es 2 y de b1 es 8.70 en minutos.
El tiempo de la ruta obtenida en minutos es 822.72 y 13.71 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 36.00 en
minutos.
    
```

Figura 20. Quinta iteración para la solución del DIA 1

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA1_scriptbase
Introduzca número de clientes que serán atendidos 8
La ruta obtenida es la siguiente:
    1     4     2     7     8     3     5     6

Los tiempos de llegada a cada cliente son los siguientes:
    0    28.5600    120.0000    165.4800    225.1800    334.0200
397.0200    453.2700

Los valores de exceso para los clientes son los siguientes:
    [0]    [0]    [0]    [0]    [0]    [0]    [0]    [93.2700]

El valor de n1 es 4 y de b1 es 28.56 en minutos.
El tiempo de la ruta obtenida en minutos es 601.17 y 10.02 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 93.27 en
minutos.

```

Figura 21. Primera iteración para la solución del DIA 3

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA3
Introduzca número de clientes que serán atendidos 5
La ruta obtenida es la siguiente:
    1     5     2     3     4

Los tiempos de llegada a cada cliente son los siguientes:
    0    0.8100    83.0100    135.3600    165.9300

Los valores de exceso para los clientes son los siguientes:
    [0]    [0]    [0]    [0]    [0]

El valor de n1 es 5 y de b1 es 0.81 en minutos.
El tiempo de la ruta obtenida en minutos es 225.21 y 3.75 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en
minutos.

```

Figura 22. Segunda iteración para la solución del DIA 3

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA3
Introduzca número de clientes que serán atendidos 5
La ruta obtenida es la siguiente:
    1     5     2     3     4

Los tiempos de llegada a cada cliente son los siguientes:
    0    43.6800    150.9600    260.0400    299.6400

Los valores de exceso para los clientes son los siguientes:
    [0]    [0]    [0]    [0]    [0]

El valor de n1 es 5 y de b1 es 43.68 en minutos.
El tiempo de la ruta obtenida en minutos es 350.28 y 5.84 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en
minutos.

```

Figura 23. Tercera iteración para la solución del DIA 3

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA3
Introduzca número de clientes que serán atendidos 6
La ruta obtenida es la siguiente:
    1     5     3     4     6     2

Los tiempos de llegada a cada cliente son los siguientes:
    0  28.5600  120.0000  168.2400  252.8400  433.5600

Los valores de exceso para los clientes son los siguientes:
    [0]    [0]    [0]    [0]    [0]    [73.5600]

El valor de n1 es 5 y de b1 es 28.56 en minutos.
El tiempo de la ruta obtenida en minutos es 528.87 y 8.81 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 73.56 en
minutos.
  
```

Figura 24. Primera iteración para la solución del DIA 4

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA4
Introduzca número de clientes que serán atendidos 9
La ruta obtenida es la siguiente:
    1     9     2     6     3     4     5     7     8

Los tiempos de llegada a cada cliente son los siguientes:
    0  291.5400  337.1400  388.6400  488.6400  588.6400  688.6400  788.6400  888.6400
    0  0.4500  35.3700  76.4700  126.1500  176.1500  226.1500  276.1500  326.1500
    0  291.5400  337.1400  388.6400  488.6400  588.6400  688.6400  788.6400  888.6400

Los valores de exceso para los clientes son los siguientes:
    [0]    [0]    [0]    [0]    [0]    [0]    [0]    [0]    [0]

El valor de n1 es 9 y de b1 es 0.45 en minutos.
El tiempo de la ruta obtenida en minutos es 649.20 y 10.82 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en
minutos.
  
```

Figura 25. Segunda iteración para la solución del DIA 4

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA4
Introduzca número de clientes que serán atendidos 7
La ruta obtenida es la siguiente:
    1     7     2     3     4     5     6

Los tiempos de llegada a cada cliente son los siguientes:
    0  340.7100  380.7100  420.7100  460.7100  500.7100  540.7100
    0  0.8100  73.1100  146.2200  219.3300  292.4400  365.5500
    0  340.7100  380.7100  420.7100  460.7100  500.7100  540.7100

Los valores de exceso para los clientes son los siguientes:
    [0]    [0]    [0]    [0]    [0]    [0]    [0]

El valor de n1 es 7 y de b1 es 0.81 en minutos.
El tiempo de la ruta obtenida en minutos es 417.81 y 6.96 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en
minutos.
  
```

Figura 26. Tercera iteración para la solución del DIA 4

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA4
Introduzca número de clientes que serán atendidos 7
La ruta obtenida es la siguiente:
    1      7      2      3      5      6      4

Los tiempos de llegada a cada cliente son los siguientes:
    0      3.8400      120.0000      268.2000      306.3600      348.6000
494.2800

Los valores de exceso para los clientes son los siguientes:
    [0]      [0]      [0]      [0]      [0]      [0]      [0]

El valor de n1 es 7 y de b1 es 3.84 en minutos.
El tiempo de la ruta obtenida en minutos es 614.88 y 10.25 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en
minutos.
    
```

Figura 27. Cuarta iteración para la solución del DIA 4

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA4
Introduzca número de clientes que serán atendidos 6
La ruta obtenida es la siguiente:
    1      4      2      3      5      6

Los tiempos de llegada a cada cliente son los siguientes:
    0      5.5200      120.0000      165.9000      225.0600      288.3000

Los valores de exceso para los clientes son los siguientes:
    [0]      [0]      [0]      [0]      [0]      [0]

El valor de n1 es 4 y de b1 es 5.52 en minutos.
El tiempo de la ruta obtenida en minutos es 306.33 y 5.11 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en
minutos.
    
```

Figura 28. Quinta iteración para la solución del DIA 4

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA4
Introduzca número de clientes que serán atendidos 8
La ruta obtenida es la siguiente:
    1      8      3      6      7      2      4      5

Los tiempos de llegada a cada cliente son los siguientes:
    0      10.3500      120.0000      160.0800      257.8800      350.8800
440.2800      552.4800

Los valores de exceso para los clientes son los siguientes:
    [0]      [0]      [0]      [0]      [0]      [0]      [0]      [0]

El valor de n1 es 8 y de b1 es 10.35 en minutos.
El tiempo de la ruta obtenida en minutos es 612.15 y 10.20 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en
minutos.
    
```

Figura 29. Sexta iteración para la solución del DIA 4

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA4
Introduzca número de clientes que serán atendidos 7
La ruta obtenida es la siguiente:
    1      7      2      6      5      4      3

Los tiempos de llegada a cada cliente son los siguientes:
    0      13.3500      120.0000      169.0800      224.7300      306.2100
564.5700

Los valores de exceso para los clientes son los siguientes:
    [0]      [0]      [0]      [0]      [0]      [0]      [0]

El valor de n1 es 7 y de b1 es 13.35 en minutos.
El tiempo de la ruta obtenida en minutos es 670.20 y 11.17 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en
minutos.
    
```

Figura 30. Séptima iteración para la solución del DIA 4

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA4
Introduzca número de clientes que serán atendidos 8
La ruta obtenida es la siguiente:
    1      8      2      3      4      5      6      7

Los tiempos de llegada a cada cliente son los siguientes:
    0      18.9000      139.8000      222.3600      276.0600      345.5400
417.9000      537.0000

Los valores de exceso para los clientes son los siguientes:
    [0]      [0]      [0]      [0]      [0]      [0]      [0]      [0]

El valor de n1 es 8 y de b1 es 18.90 en minutos.
El tiempo de la ruta obtenida en minutos es 704.76 y 11.75 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en
minutos.
    
```

Figura 31. Octava iteración para la solución del DIA 4

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA4
Introduzca número de clientes que serán atendidos 15
La ruta obtenida es la siguiente:
    1      14      2      3      6      9      4      5      8      7

Los tiempos de llegada a cada cliente son los siguientes:
    0      22.8000      85.4400      143.1600      195.3600      249.8100
365.3700      539.6700      677.3100      799.7100

Los valores de exceso para los clientes son los siguientes:
    [0]      [0]      [0]      [0]      [0]      [0]      [0]      [0]      [0]      [0]
[19.7100]

El valor de n1 es 14 y de b1 es 22.80 en minutos.
El tiempo de la ruta obtenida en minutos es 859.71 y 14.33 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 19.71 en
minutos.
    
```

Figura 32. Novena iteración para la solución del DIA 4

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA4
Introduzca número de clientes que serán atendidos 7
La ruta obtenida es la siguiente:
    1      4      2      5      3      6      7

Los tiempos de llegada a cada cliente son los siguientes:
    0      17.7000      120.0000      200.8800      267.3600      332.7600
399.3600

Los valores de exceso para los clientes son los siguientes:
    [0]      [0]      [0]      [0]      [0]      [0]      [0]

El valor de n1 es 4 y de b1 es 17.70 en minutos.
El tiempo de la ruta obtenida en minutos es 531.36 y 8.86 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en
minutos.
    
```

Figura 33. Primera iteración para la solución del DIA 5

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA5
Introduzca número de clientes que serán atendidos 11
La ruta obtenida es la siguiente:
    1      8      2      3      4      10      7      9      11      6

Los tiempos de llegada de cada cliente son los siguientes:
    0      0.7200      68.6700      117.8700      159.8700      307.4700
344.6700      405.0300      506.9100      612.3900      742.5900

Los valores de exceso para los clientes son los siguientes:
    [0]      [0]      [0]      [0]      [0]      [0]      [0]      [0]      [0]      [0]
[0]

El valor de n1 es 8 y de b1 es 0.72 en minutos.
El tiempo de la ruta obtenida en minutos es 915.69 y 15.26 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en
minutos.
    
```

Figura 34. Segunda iteración para la solución del DIA 5

```

» MATLAB_DATA_ruteo_de_vehiculos_DIA5_scriptbase
Introduzca número de clientes que serán atendidos 8
La ruta obtenida es la siguiente:
    1      7      2      6      8      3      5      4

Los tiempos de llegada a cada cliente son los siguientes:
    0      3.8400      120.0000      186.3000      231.4200      282.9000
412.2600      557.9400

Los valores de exceso para los clientes son los siguientes:
    [0]      [0]      [0]      [0]      [0]      [0]      [52.2600]      [0]

El valor de n1 es 7 y de b1 es 3.84 en minutos.
El tiempo de la ruta obtenida en minutos es 698.94 y 11.65 en horas.
El tiempo de incumplimiento de las ventanas de tiempo es 52.26 en
minutos.
    
```


Figura 35. Tercera iteración para la solución del DIA 5

```
» MATLAB_DATA_ruteo_de_vehiculos_DIA5
Introduzca número de clientes que serán atendidos 5
La ruta obtenida es la siguiente:
    1     5     2     3     4
```

```
Los tiempos de llegada a cada cliente son los siguientes:
    0 45.0000 151.8000 337.8000 391.2000
```

```
Los valores de exceso para los clientes son los siguientes:
    [0]    [0]    [0]    [0]    [0]
```

El valor de n1 es 5 y de b1 es 45.00 en minutos.
 El tiempo de la ruta obtenida en minutos es 494.76 y 8.25 en horas.
 El tiempo de incumplimiento de las ventanas de tiempo es 0.00 en minutos.

Tabla 36. Tabla Resumen de la heurística en MATLAB para los cinco días

DÍA	ITERACIÓN	CLIENTES X ITERACIÓN	Ruta (hr)	ETotal (min)
1	1	0-6-9-16-4-8-10-11-20-0	11.94	0
	2	0-106-25-26-27-33-37-34-35-0	9.23	3.30
	3	0-40-38-39-41-43-42-0	6.47	0
	4	0-44-46-52-54-71-55-57-50-0	13.71	36.00
	5	0-83-75-100-108-76-85-96-0	10.02	93.27
2	1	0-98-7-11-17-78-36-32-115-0	11.73	0
3	1	0-7-8-9-106-0	3.75	0
	2	0-90-11-25-26-0	5.84	0
	3	0-83-46-68-92-45-0	8.81	73.56
4	1	0-95-1-9-4-7-8-10-11-0	10.82	0
	2	0-106-16-22-25-26-33-0	6.96	0
	3	0-74-34-35-37-38-36-0	10.25	0
	4	0-42-39-41-43-44-0	5.11	0
	5	0-80-46-54-55-45-47-52-0	10.20	0
	6	0-98-68-75-71-70-69-0	11.17	0
	7	0-88-76-77-78-83-84-85-0	11.75	0
	8	0-117-89-90-100-107-92-97-102-101-0	14.33	19.71
	9	0-111-66-115-108-116-121-0	8.86	0
5	1	0-7-9-10-11-14-17-21-22-25-27-0	15.26	0
	2	0-74-33-46-83-34-38-36-0	11.65	52.26
	3	0-102-50-68-77-0	8.25	0

Anexo 11. Análisis de costos y flujo de caja de la situación actual

Tabla 37. Análisis de la Propuesta 1

DÍA	ITERACIÓN	CLIENTES X ITERACIÓN	Demanda (kg)	Ruta (hr)	Rutax día (S/.)	Pago x hora extra (S/.)	ETotal (hr)	Etotal (S/.)	
1	1	0-6-40-0	56.0	1.85	510.00	134.23	0.00	890.14	
	2	0-44-26-34-83-54-55-96-20-52-27-35-33-76-37-38-43-25-16-4-0	1,011.1	20.57			97.47		
	3	0-106-57-85-11-50-108-71-10-100-75-41-39-46-9-8-42-0	1,327.3	16.77			66.99		
2	1	0	0.00	0.00	340.00	0.00	0.00	0.00	
	2	0-36-115-32-0	59.6	5.60			0.00		
	3	0-11-7-78-17-98-0	546.0	6.38			0.00		
3	1	0	0.00	0.00	340.00	2.96	0.00	37.29	
	2	0-26-83-90-68-92-25-0	698.0	7.42			1.81		
	3	0-106-11-45-7-46-9-8-0	1,235.8	8.55			5.08		
4	1	0-97-0	6.1	6.07	770.00	299.63	0.00	3,567.92	
	2	0-44-80-26-117-34-83-54-116-89-90-121-55-68-86-92-36-52-35-84-33-76-37-102-38-115-43-25-16-111-1-4-0	2,112.7	37.24			446.51		
	3	0-95-106-88-101-69-85-11-47-45-108-7-77-107-71-10-78-100-75-66-41-39-46-9-8-22-98-70-42-74-0	2,186.4	25.56			212.69		
5	1	0	0.00	0.00	520.00	78.48	0.00	297.31	
	2	0-34-83-14-68-36-27-33-102-38-25-0	1,501.4	15.08			32.56		
	3	0-21-11-50-7-77-10-46-9-22-17-74-0	5,501.1	13.67			22.37		
					Costo Total (S/.)	\$2,480.00	\$515.30	\$4,792.66	Total x día (S/.)
					Costo x día (S/.)	\$471.78	\$82.32	\$623.11	\$1,177.21
Considerando el sueldo de los tres operarios					Costo x día operario (S/.)	\$103.85			
					Total x día (S/.)	\$1,281.05			

Tabla 38. Análisis de la Propuesta 2

DÍA	ITERACIÓN	CLIENTES X ITERACIÓN	Ruta (hr)	Rutax día (S/.)	Pago hora extra (S/.)	ETotal (hr)	Etoral (S/.)	
1	1	0-6-9-16-4-8-10-11-20-0	11.94	717.13	75.96	0.00	42.80	
	2	0-106-25-26-27-33-37-34-35-0	9.23			0.06		
	3	0-40-38-39-41-43-42-0	6.47			0.00		
	4	0-44-46-52-54-71-55-57-50-0	13.71			0.60		
	5	0-83-75-100-108-76-85-96-0	10.02			1.55		
2	1	0-98-7-11-17-78-36-32-115-0	11.73	163.75	22.06	0.00	0.00	
3	1	0-7-8-9-106-0	3.75	256.86	4.38	0.00	23.75	
	2	0-90-11-25-26-0	5.84			0.00		
	3	0-83-46-68-92-45-0	8.81			1.23		
4	1	0-95-1-9-4-7-8-10-11-0	10.82	1,248.72	124.94	0.00	6.36	
	2	0-106-16-22-25-26-33-0	6.96			0.00		
	3	0-74-34-35-37-38-36-0	10.25			0.00		
	4	0-42-39-41-43-44-0	5.11			0.00		
	5	0-80-46-54-55-45-47-52-0	10.20			0.00		
	6	0-98-68-75-71-70-69-0	11.17			0.00		
	7	0-88-76-77-78-83-84-85-0	11.75			0.00		
	8	0-117-89-90-100-107-92-97-102-101-0	14.33			0.33		
	9	0-111-66-115-108-116-121-0	8.86			0.00		
5	1	0-7-9-10-11-14-17-21-22-25-27-0	15.26	490.83	67.88	0.00	16.87	
	2	0-74-33-46-83-34-38-36-0	11.65			0.87		
	3	0-102-50-68-77-0	8.25			0.00		
Costo Total (S/.)				\$2,877.30	\$295.23		\$89.79	Total x día (S/.)
Costo Total (S/.)				\$496.16	\$56.44		\$17.49	\$570.09

Considerando el sueldo de los ocho operarios	Costo x día operario (S/.)	\$276.92
	Total x día (S/.)	\$847.01

Tabla 39. Flujo de caja inicial (Parte 1)

FLUJO DE CAJA	Año anterior	Enero	Febrero	Marzo	Abril	Mayo	Junio
Ingresos							
Ingresos por ventas (efectivo)		S/. 1,340,328.01	S/. 1,281,702.58	S/. 1,439,704.09	S/. 1,445,360.90	S/. 1,630,312.15	S/. 1,420,913.94
Cobro de CxC							
Deuda	S/. 0.00						
Capital	S/. 0.00						
Total Ingresos	S/. 0.00	S/. 1,340,328.01	S/. 1,281,702.58	S/. 1,439,704.09	S/. 1,445,360.90	S/. 1,630,312.15	S/. 1,420,913.94
Egresos							
Compras MD (efectivo) y MOD		-S/. 999,246.88	-S/. 967,060.28	-S/. 1,071,292.27	-S/. 1,051,707.25	-S/. 1,309,449.93	-S/. 1,130,760.04
Gastos Administración		-S/. 153,534.09	-S/. 137,851.66	-S/. 147,737.79	-S/. 154,896.72	-S/. 172,763.17	-S/. 159,678.12
Gastos de Ventas		-S/. 172,389.06	-S/. 178,314.81	-S/. 174,144.27	-S/. 168,370.96	-S/. 189,583.06	-S/. 178,465.00
Gastos de Distribución		-S/. 58,889.27	-S/. 38,472.12	-S/. 50,304.05	-S/. 63,906.61	-S/. 61,752.63	-S/. 75,708.61
Deuda - Pago de amortización							
Deuda - Pago de intereses							
Dividendos para los accionistas		S/. 0.00	S/. 0.00	S/. 0.00	S/. 0.00	S/. 0.00	S/. 0.00
Impuesto a la Renta		S/. 0.00	S/. 0.00	S/. 0.00	S/. 1,943.81	S/. 0.00	S/. 0.00
Inversión en activos fijos							
Inversión en activos intangibles							
Total Egresos	S/. 0.00	-S/. 1,384,059.30	-S/. 1,321,698.87	-S/. 1,443,478.38	-S/. 1,436,937.73	-S/. 1,733,548.79	-S/. 1,544,611.77
Flujo de Caja del Periodo	S/. 0.00	-S/. 43,731.29	-S/. 39,996.29	-S/. 3,774.29	S/. 8,423.17	-S/. 103,236.64	-S/. 123,697.83
Saldo de Caja Acumulado	S/. 0.00	-S/. 43,731.29	-S/. 83,727.58	-S/. 87,501.87	-S/. 79,078.70	-S/. 182,315.34	-S/. 306,013.17
Flujo de Caja Económico (FCE)		-S/. 43,731.29	-S/. 39,996.29	-S/. 3,774.29	S/. 8,423.17	-S/. 103,236.64	-S/. 123,697.83
Flujo de Caja Financiero (FCF)		-S/. 43,731.29	-S/. 39,996.29	-S/. 3,774.29	S/. 8,423.17	-S/. 103,236.64	-S/. 123,697.83

Fuente: La Empresa

Tabla 40. Flujo de caja inicial (Parte 2)

FLUJO DE CAJA	Julio	Agosto	Setiembre	Octubre	Noviembre	Diciembre
Ingresos						
Ingresos por ventas (efectivo)	S/. 1,725,060.29	S/. 2,103,263.42	S/. 2,189,687.64	S/. 2,188,310.71	S/. 1,835,606.18	S/. 2,354,234.03
Cobro de CxC						
Deuda						
Capital						
Total Ingresos	S/. 1,725,060.29	S/. 2,103,263.42	S/. 2,189,687.64	S/. 2,188,310.71	S/. 1,835,606.18	S/. 2,354,234.03
Egresos						
Compras MD (efectivo) y MOD	-S/. 1,265,236.15	-S/. 1,545,575.79	-S/. 1,536,514.48	-S/. 1,490,448.35	-S/. 1,327,300.43	-S/. 1,744,224.67
Gastos Administración	-S/. 181,995.85	-S/. 188,746.94	-S/. 94,698.19	-S/. 184,848.00	-S/. 177,431.77	-S/. 231,147.18
Gastos de Ventas	-S/. 176,296.53	-S/. 161,398.35	-S/. 285,694.50	-S/. 175,320.69	-S/. 226,985.50	-S/. 310,826.55
Gastos de Distribución	-S/. 62,485.59	-S/. 85,797.26	-S/. 86,238.50	-S/. 73,829.01	-S/. 73,323.12	-S/. 81,260.13
Deuda - Pago de amortización						
Deuda - Pago de intereses						
Dividendos para los accionistas	S/. 0.00	S/. 0.00	S/. 0.00	S/. 0.00	S/. 0.00	S/. 0.00
Impuesto a la Renta	S/. 11,713.85	S/. 36,523.52	S/. 55,962.59	S/. 79,159.40	S/. 9,169.61	S/. 0.00
Inversión en activos fijos						
Inversión en activos intangibles						
Total Egresos	-S/. 1,674,300.27	-S/. 1,944,994.82	-S/. 1,947,183.08	-S/. 1,845,286.65	-S/. 1,795,871.21	-S/. 2,367,458.53
Flujo de Caja del Periodo	S/. 50,760.02	S/. 158,268.60	S/. 242,504.56	S/. 343,024.06	S/. 39,734.97	-S/. 13,224.50
Saldo de Caja Acumulado	-S/. 255,253.15	-S/. 96,984.55	S/. 145,520.01	S/. 488,544.07	S/. 528,279.04	S/. 515,054.54
Flujo de Caja Económico (FCE)	S/. 50,760.02	S/. 158,268.60	S/. 242,504.56	S/. 343,024.06	S/. 39,734.97	-S/. 13,224.50
Flujo de Caja Financiero (FCF)	S/. 50,760.02	S/. 158,268.60	S/. 242,504.56	S/. 343,024.06	S/. 39,734.97	-S/. 13,224.50

Fuente: La Empresa

