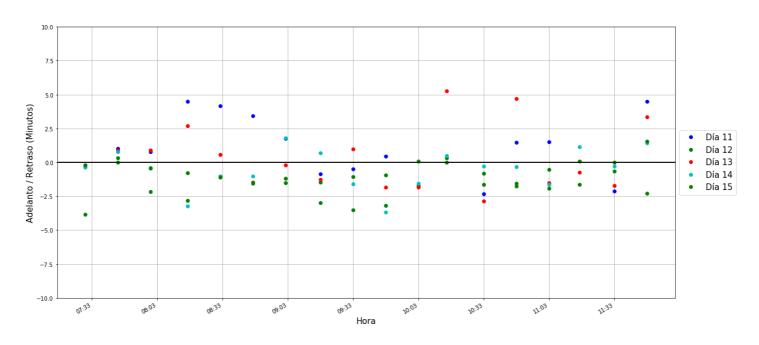
Llegadas L. Central a la cabecera Valdecilla

Gráfico evolución:

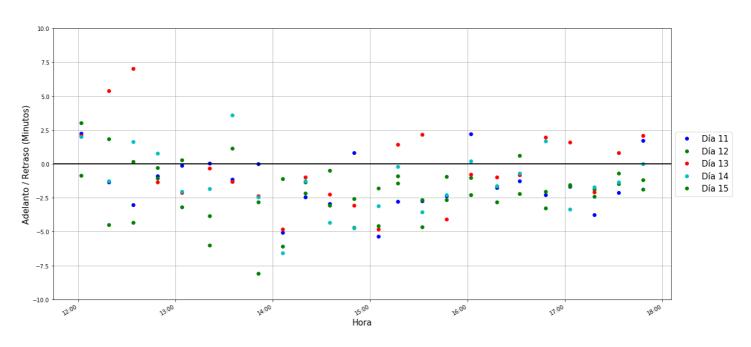
Llegadas L. Central a la cabecera Valdecilla



Llegadas L. Central a la cabecera Valdecilla

Gráfico evolución:

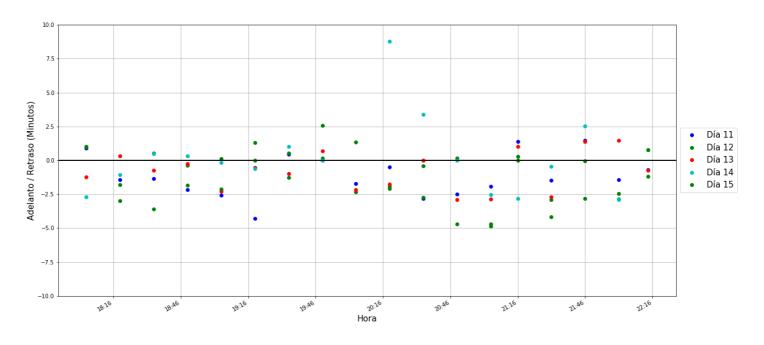
Llegadas L. Central a la cabecera Valdecilla



Llegadas L. Central a la cabecera Valdecilla

Gráfico evolución:

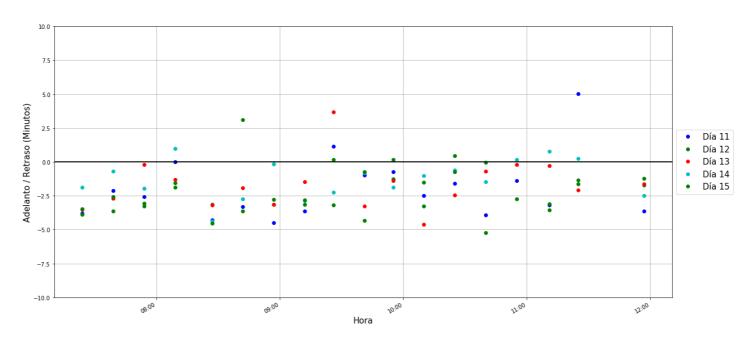
Llegadas L. Central a la cabecera Valdecilla



Llegadas L. Central a la cabecera Sardinero

Gráfico evolución:

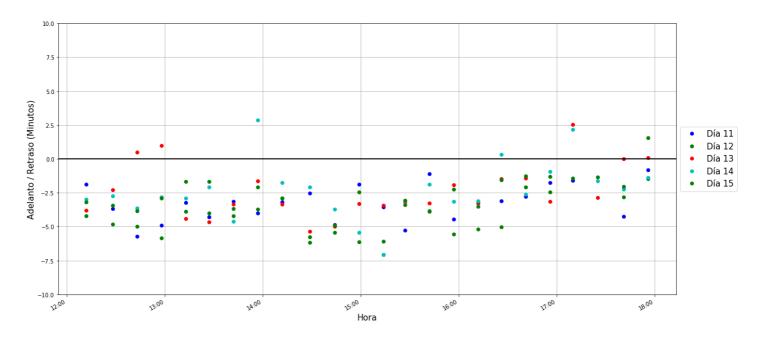
Llegadas L. Central a la cabecera Sardinero



Llegadas L. Central a la cabecera Sardinero

Gráfico evolución:

Llegadas L. Central a la cabecera Sardinero



Llegadas L. Central a la cabecera Sardinero

Gráfico evolución:

Llegadas L. Central a la cabecera Sardinero

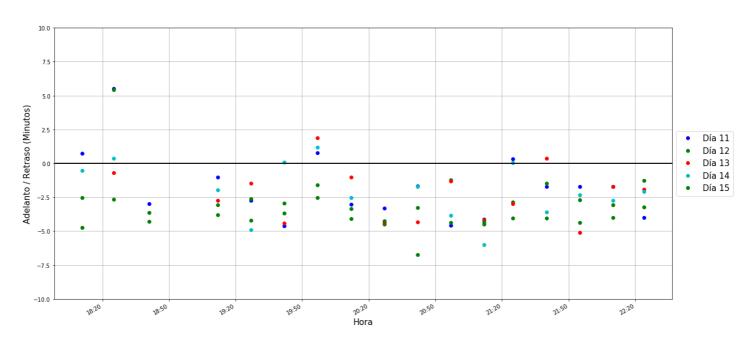


Tabla resumen velocidades y tiempos

,							
Intercambiador	Coche	Viaje	Hora Llegada Teórica	Desvio medio (minutos)			
Sardinero	3	2	07:24:00	-3.296667			
Sardinero	1	2	07:39:00	-2.346667			
Sardinero	2	3	07:54:00	-2.206667			
Sardinero	3	4	08:09:00	-0.740000			
Sardinero	1	4	08:27:00	-3.893333			
Sardinero	2	5	08:42:00	-1.693333			
Sardinero	3	6	08:57:00	-2.743333			
Sardinero	1	6	09:12:00	-2.780000			
Sardinero	2	7	09:26:00	-0.090000			
Sardinero	3	8	09:41:00	-2.026667			
Sardinero	1	8	09:55:00	-1.016667			
Sardinero	2	9	10:10:00	-2.580000			
Sardinero	3	10	10:25:00	-0.980000			
Sardinero	101	2	10:40:00	-2.263333			

Sardinero Valdecilla Valdecilla	1 2 3 1 2 3 1 2 3 1 2 3 1 2 2 3 1 1 2 2 3 3 1 1 2 2 3	10 11 12 12 13 14 14 15 16 16 17 18 19 20 21 22 22 23 24 24 25 26 26 27 28 3 28 29 30	10:55:00 11:11:00 11:25:00 11:17:00 11:25:00 11:57:00 12:12:00 12:28:00 12:43:00 12:58:00 13:13:00 13:27:00 13:42:00 13:57:00 14:12:00 14:29:00 14:44:00 14:59:00 15:14:00 15:27:00 15:27:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00 18:11:00	-1.033333 -1.860000 0.036667 -2.143333 -3.200000 -3.383333 -3.533333 -3.533333 -3.793333 -1.723333 -2.830000 -4.383333 -4.770000 -3.833333 -5.443333 -5.443333 -3.60667 -2.023333 -3.156667 -2.023333 -1.903333 -1.903333 -1.903333 -1.903333 -1.903333 -1.903333 -1.903333 -1.903333 -1.903333
Sardinero	3 1 2 3 1 2 3 1 2 2 3 1 2 2 3 1 1 2	12 12 13 14 14 15 16 16 17 18 19 20 20 21 22 22 23 24 24 25 26 26 27 28 3	11:25:00 11:57:00 12:12:00 12:28:00 12:43:00 12:58:00 13:13:00 13:27:00 13:42:00 14:12:00 14:29:00 14:44:00 14:59:00 15:14:00 15:27:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	0.036667 -2.143333 -3.200000 -3.383333 -3.533333 -3.090000 -3.223333 -3.33333 -3.793333 -1.723333 -2.830000 -4.383333 -4.770000 -3.833333 -5.443333 -5.443333 -3.456667 -2.793333 -3.456667 -2.023333 -1.903333 -1.1903333 -1.1903333 -1.1903333 -1.1903333 -1.1903333 -1.1903333 -1.1903333 -1.1903333 -1.1903333 -1.1903333 -1.1903333
Sardinero	1 2 3 1 2 3 1 2 3 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3	12 13 14 14 15 16 16 17 18 18 19 20 20 21 22 22 23 24 24 25 26 26 27 28 3 28 29	11:57:00 12:12:00 12:28:00 12:43:00 12:58:00 13:13:00 13:27:00 13:42:00 14:12:00 14:29:00 14:44:00 14:59:00 15:14:00 15:27:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-2.143333 -3.200000 -3.383333 -3.533333 -3.090000 -3.223333 -3.333333 -3.793333 -1.723333 -2.830000 -4.383333 -4.770000 -3.833333 -5.443333 -5.443333 -3.466667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 -1.903333 -1.903333 -1.903333 -1.903333 -1.903333
Sardinero	2 3 1 2 3 3 1 2 3 1 2 3 3 1 2 3 3 1 2 3 3 1 2 3 3 1 2 3 3 1 2 3 1 2 3 3 3 1 2 3 3 3 1 2 3 3 3 1 2 3 3 3 1 2 3 3 3 3	13 14 14 15 16 16 17 18 18 19 20 20 21 22 22 23 24 24 25 26 26 27 28 3 28 29	12:12:00 12:28:00 12:43:00 12:58:00 13:13:00 13:27:00 13:42:00 13:57:00 14:12:00 14:29:00 14:44:00 14:59:00 15:14:00 15:27:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-3.20000 -3.38333 -3.53333 -3.090000 -3.223333 -3.33333 -3.793333 -1.723333 -2.830000 -4.383333 -4.770000 -3.833333 -5.443333 -5.443333 -3.606667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 -1.903333 -1.903333 -1.903333 -1.903333 -1.9033889 -2.270000
Sardinero	3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 2 3 1 1 2 2 3 3 1	14 14 14 15 16 16 17 18 18 19 20 20 21 22 22 22 23 24 25 26 26 27 28 3 28 29	12:28:00 12:43:00 12:58:00 13:13:00 13:27:00 13:42:00 13:57:00 14:12:00 14:29:00 14:44:00 14:59:00 15:14:00 15:27:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-3.88333 -3.53333 -3.090000 -3.223333 -3.333333 -3.793333 -1.723333 -2.830000 -4.383333 -4.770000 -3.833333 -5.443333 -3.606667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 -0.412500 -1.938889 -2.270000
Sardinero	1 2 3 1 2 3 1 2 2 3 1 1 2 2 3 3 1 1	14 15 16 16 17 18 18 19 20 20 21 22 22 23 24 25 26 26 27 28 3 28 29	12:43:00 12:58:00 13:13:00 13:27:00 13:42:00 13:57:00 14:12:00 14:29:00 14:40:00 15:14:00 15:27:00 15:42:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-3.53333 -3.090000 -3.223333 -3.333333 -3.793333 -1.723333 -2.830000 -4.383333 -4.770000 -3.833333 -5.443333 -3.606667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 -1.903333 -0.412500 -1.938889 -2.270000
Sardinero	2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 3 3 1 1 2 3 3 3 1 1 1 2 3 3 1 1 3 1 2 3 3 1 3 1	15 16 16 17 18 18 19 20 20 21 22 22 23 24 24 24 25 26 26 27 28 3 28 29	12:58:00 13:13:00 13:27:00 13:42:00 13:57:00 14:12:00 14:29:00 14:44:00 14:59:00 15:14:00 15:27:00 15:42:00 16:200 16:200 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-3.090000 -3.223333 -3.323333 -3.793333 -1.723333 -2.830000 -4.883333 -4.770000 -3.833333 -5.443333 -3.606667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 -1.903333 -1.903333 -1.903333 -1.903333 -1.903333
Sardinero	3 1 2 3 3 1 2 3 3 3 1 2 3 3 3 1 2 3 3 3 3	16 16 17 18 18 19 20 20 21 22 22 23 24 24 24 25 26 26 27 28 3 28 29	13:13:00 13:27:00 13:42:00 13:57:00 14:12:00 14:29:00 14:44:00 14:59:00 15:14:00 15:27:00 15:42:00 16:200 16:200 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-3.223333 -3.3333333 -3.793333 -1.723333 -2.830000 -4.883333 -4.770000 -3.833333 -5.443333 -3.606667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 -1.903333 -1.903333 -1.903333 -1.903333 -1.903333 -1.903333
Sardinero	2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 1 2 1 2	17 18 18 19 20 20 21 22 22 23 24 24 24 25 26 26 27 28 3 28 29	13:42:00 13:57:00 14:12:00 14:29:00 14:44:00 14:59:00 15:14:00 15:27:00 15:42:00 15:57:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-3.793333 -1.723333 -2.830000 -4.383333 -4.770000 -3.833333 -5.443333 -3.406667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 -1.903333 -1.903333 -1.93889 -2.270000
Sardinero	3 1 2 3 1 2 3 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 3	18 18 19 20 20 21 22 22 23 24 24 25 26 26 27 28 3 28 29	13:57:00 14:12:00 14:29:00 14:44:00 14:59:00 15:14:00 15:27:00 15:42:00 15:57:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-1.723333 -2.830000 -4.383333 -4.770000 -3.833333 -5.443333 -3.606667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 -1.903333 -1.938889 -2.270000
Sardinero	1 2 3 1 2 3 1 1 2 3 1 102 1 2 3 1 1 2 3 3 1 2 3 3 1 1 3 3 1 3 1	18 19 20 20 21 22 22 23 24 24 25 26 27 28 3 28 29	14:12:00 14:29:00 14:44:00 14:59:00 15:14:00 15:27:00 15:42:00 15:57:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-2.830000 -4.383333 -4.770000 -3.833333 -5.443333 -3.606667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 0.412500 -1.938889 -2.270000
Sardinero	2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 1 2 3 1 1 2 1 2	19 20 20 21 22 22 23 24 24 25 26 26 27 28 3 28 29	14:29:00 14:44:00 14:59:00 15:14:00 15:27:00 15:42:00 15:57:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-4.383333 -4.770000 -3.833333 -5.443333 -3.606667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 0.412500 -1.938889 -2.270000
Sardinero	3 1 2 3 1 2 3 1 1 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 3 1 1 2 2 3 3 1 2 2 3 3 1 1 2 2 3 3 1 1 2 2 3 3 1 1 2 2 3 3 1 1 3 3 1 1 3 1	20 20 21 22 22 23 24 24 25 26 26 27 28 3 28 29	14:44:00 14:59:00 15:14:00 15:27:00 15:42:00 15:57:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-4.770000 -3.83333 -5.443333 -3.606667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 0.412500 -1.938889 -2.270000
Sardinero	1 2 3 1 2 3 1 1 2 3 1 102 1 2 3 1 1 2 3 3 1 2 3 3 1 2 3 3 1 1 2 3	20 21 22 22 23 24 24 25 26 26 27 28 3 28	14:59:00 15:14:00 15:27:00 15:42:00 15:57:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-3.83333 -5.443333 -3.606667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 0.412500 -1.938889 -2.270000
Sardinero	2 3 1 2 3 1 2 3 1 2 3 102 1 2 3 102 1 2 3	21 22 22 23 24 24 25 26 26 27 28 3 28 29	15:14:00 15:27:00 15:42:00 15:57:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-5.443333 -3.606667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 0.412500 -1.938889 -2.270000
Sardinero	3 1 2 3 1 2 3 1 2 3 102 1 2 3 102 1 2 3	22 22 23 24 24 25 26 26 27 28 3 28 29	15:27:00 15:42:00 15:57:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-3.60667 -2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 0.412500 -1.938889 -2.270000
Sardinero	1 2 3 1 2 3 102 1 2 3 1 2 3 1 2 3 3 1 2 3 3 1 2 3 3 1 2 3 3 1 2 3 3 1 2 3 3 1 2 3 3 1 2 3 3 1 2 3 3 1 3 1	22 23 24 24 25 26 26 27 28 3 28 29	15:42:00 15:57:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-2.793333 -3.456667 -3.663333 -2.156667 -2.023333 -1.903333 0.412500 -1.938889 -2.270000
Sardinero	2 3 1 2 3 1 2 3 102 1 2 3 102 1 2 3 102 1 2 3 102 3 1 2 3 1 2 3 3 1 1 2 3 3 1 2 3 3 1 2 3 3 3 3	23 24 24 25 26 26 27 28 3 28 29	15:57:00 16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-3.45667 -3.663333 -2.156667 -2.023333 -1.903333 0.412500 -1.938889 -2.270000
Sardinero	3 1 2 3 1 2 3 102 1 2 3 102 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 3 1 1 2 3 3 1 2 3 3 3 1 3 3 1 3 3 3 3	24 24 25 26 26 27 28 3 28 29	16:12:00 16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-3.663333 -2.156667 -2.023333 -1.903333 0.412500 -1.938889 -2.270000
Sardinero	1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 3 1 2 3 3 1	24 25 26 26 27 28 3 28 29	16:26:00 16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-2.156667 -2.023333 -1.903333 0.412500 -1.938889 -2.270000
Sardinero	2 3 1 2 3 102 1 2 3 1 2 3	25 26 26 27 28 3 28 29	16:41:00 16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-2.023333 -1.903333 0.412500 -1.938889 -2.270000
Sardinero	3 1 2 3 102 1 2 3 1 2 3	26 26 27 28 3 28 29	16:56:00 17:10:00 17:25:00 17:41:00 17:56:00	-1.903333 0.412500 -1.938889 -2.270000
Sardinero	1 2 3 102 1 2 3 1 2 3	26 27 28 3 28 29	17:10:00 17:25:00 17:41:00 17:56:00	0.412500 -1.938889 -2.270000
Sardinero	2 3 102 1 2 3 1 2 3	27 28 3 28 29	17:25:00 17:41:00 17:56:00	-1.938889 -2.270000
Sardinero	3 102 1 2 3 1 2 3	28 3 28 29	17:41:00 17:56:00	-2.270000
Sardinero	102 1 2 3 1 2 3	28 29	17:56:00	
Sardinero Valdecilla Valdecilla	2 3 1 2 3	29	18-11-00	-0.416667
Sardinero	3 1 2 3		10.11.00	-1.770833
Sardinero Valdecilla Valdecilla	1 2 3	30	18:25:00	1.596667
Sardinero Valdecilla Valdecilla	2		18:41:00	-3.633333
Sardinero Valdecilla Valdecilla	3	30	19:12:00	-2.510000
Sardinero Valdecilla		31	19:27:00	-3.183333
Sardinero Valdecilla Valdecilla	1	32	19:42:00	-3.110000
Sardinero Valdecilla Valdecilla		32	19:57:00	-0.050000
Sardinero Sardinero Sardinero Sardinero Sardinero Sardinero Sardinero Sardinero Sardinero Valdecilla Valdecilla	2	33	20:12:00	-2.796667
Sardinero Sardinero Sardinero Sardinero Sardinero Sardinero Sardinero Sardinero Valdecilla Valdecilla	3	34	20:27:00	-4.112500
Sardinero Sardinero Sardinero Sardinero Sardinero Sardinero Sardinero Valdecilla Valdecilla	1	34	20:42:00	-3.546667
Sardinero Sardinero Sardinero Sardinero Sardinero Sardinero Valdecilla Valdecilla	2	35	20:57:00	-3.063333
Sardinero Sardinero Sardinero Sardinero Vaklecilla Vaklecilla	1	36 36	21:12:00 21:25:00	-4.620000 -1.896667
Sardinero Sardinero Sardinero Valdecilla Valdecilla	2	37	21:40:00	-2.096667
Sardinero Sardinero Valdecilla Valdecilla	3	38	21:55:00	-3.233333
Sardinero Valdecilla Valdecilla	1	38	22:10:00	-2.640000
Valdecilla Valdecilla	2	39	22:24:00	-2.503333
Valdecilla	2	2	07:30:00	-0.976667
Valdecilla	3	3	07:45:00	0.606667
	1	3	08:00:00	-0.270000
Valdecilla	2	4	08:17:00	0.070000
Valdecilla	3	5	08:32:00	0.326667
Valdecilla	1	5	08:47:00	-0.423333
Valdecilla	2	6	09:02:00	0.136667
Valdecilla	3	7	09:18:00	-1.166667
Valdecilla	1	7	09:33:00	-1.130000
Valdecilla	2	8	09:48:00	-1.836667
Valdecilla	3	9	10:03:00	-1.353333
Valdecilla	101	1	10:16:00	1.512500
Valdecilla	1	9	10:33:00	-1.583333
Valdecilla	2	10	10:48:00	0.513333
Valdecilla	3	11	11:03:00	-0.810000
Valdecilla	101	3	11:17:00	-0.287500
Valdecilla	1	11	11:33:00	-0.946667
Valdecilla Valdecilla	2	12	11:48:00	1.713333
Valdecilla Valdecilla	3	13	12:02:00	1.703333
Valdecilla Valdecilla	1 2	13 14	12:19:00 12:34:00	0.033333 0.300000
Valdecilla	3	15	12:34:00	-0.550000
Valdecilla	1	15	13:04:00	-1.426667
Valdecilla	2	16	13:21:00	-2.393333
Valdecilla	3	17	13:35:00	0.196667
Valdecilla	1	17	13:51:00	-3.136667
Valdecilla	2	18	14:06:00	-4.716667
Valdecilla	3	19	14:20:00	-1.640000
Valdecilla	1	19	14:35:00	-2.613333
Valdecilla	2	20	14:50:00	-2.846667
Valdecilla	3	21	15:05:00	-3.926667
Valdecilla	1	21	15:17:00	-0.776667
Valdecilla	2	22	15:32:00	-2.280000
Valdecilla	3	23	15:47:00	-2.476667
Valdecilla		23	16:02:00	-0.336667

Intercambiador	Coche	Viaje	Hora Llegada Teórica	Desvio medio (minutos)
Valdecilla	3	25	16:32:00	-0.863333
Valdecilla	1	25	16:48:00	-0.783333
Valdecilla	2	26	17:03:00	-1.316667
Valdecilla	3	27	17:18:00	-2.366667
Valdecilla	102	2	17:33:00	-0.956667
Valdecilla	1	27	17:48:00	0.160000
Valdecilla	2	28	18:04:00	-0.203333
Valdecilla	3	29	18:19:00	-1.396667
Valdecilla	102	4	18:34:00	-0.933333
Valdecilla	1	29	18:49:00	-0.866667
Valdecilla	2	30	19:04:00	-1.403333
Valdecilla	3	31	19:19:00	-0.836667
Valdecilla	1	31	19:34:00	-0.050000
Valdecilla	2	32	19:49:00	0.686667
Valdecilla	3	33	20:04:00	-1.212500
Valdecilla	1	33	20:19:00	0.506667
Valdecilla	2	34	20:34:00	-0.520000
Valdecilla	3	35	20:49:00	-1.990000
Valdecilla	1	35	21:04:00	-3.380000
Valdecilla	2	36	21:16:00	-0.033333
Valdecilla	3	37	21:31:00	-2.343333
Valdecilla	1	37	21:46:00	0.503333
Valdecilla	2	38	22:01:00	-1.640000
Valdecilla	3	39	22:14:00	-0.213333