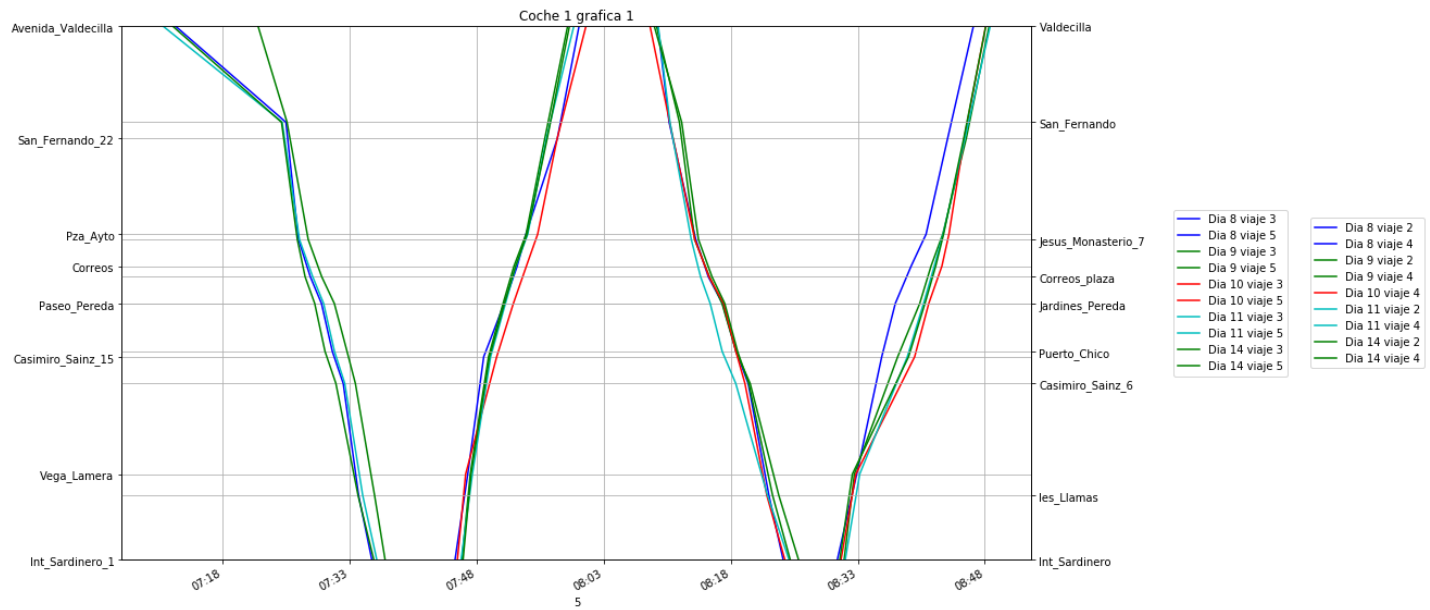


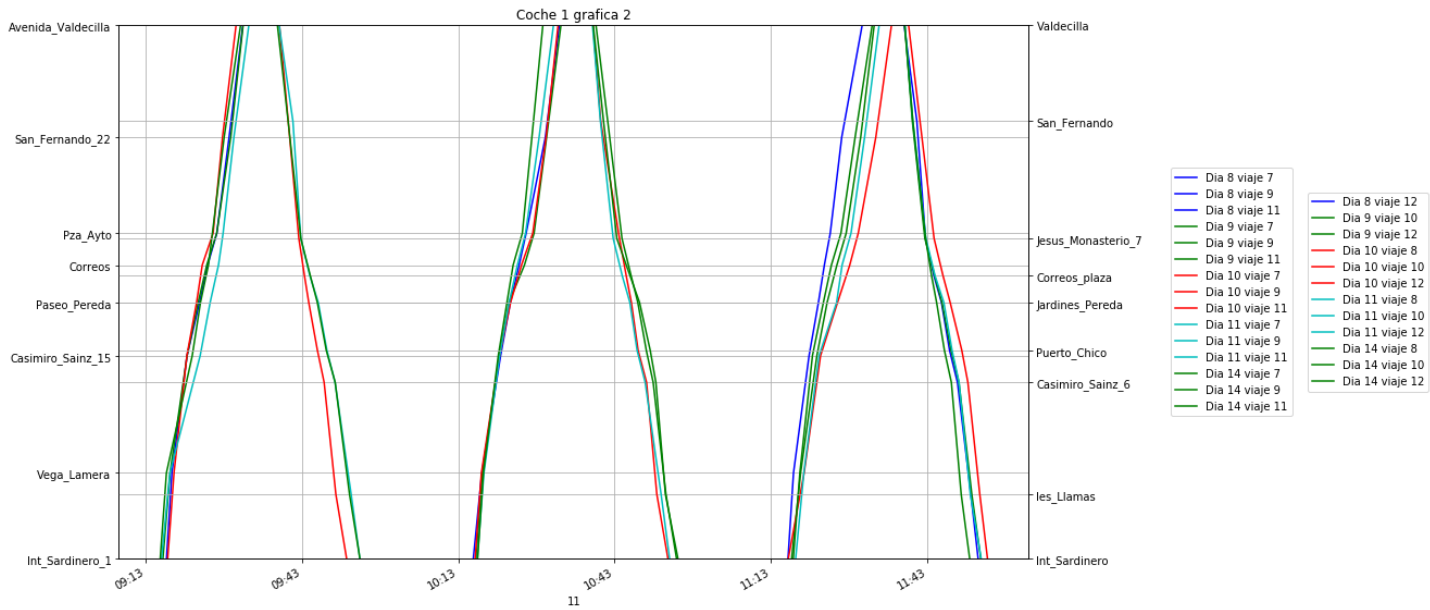
Coche 1 grafica 1

Gráfico evolución:



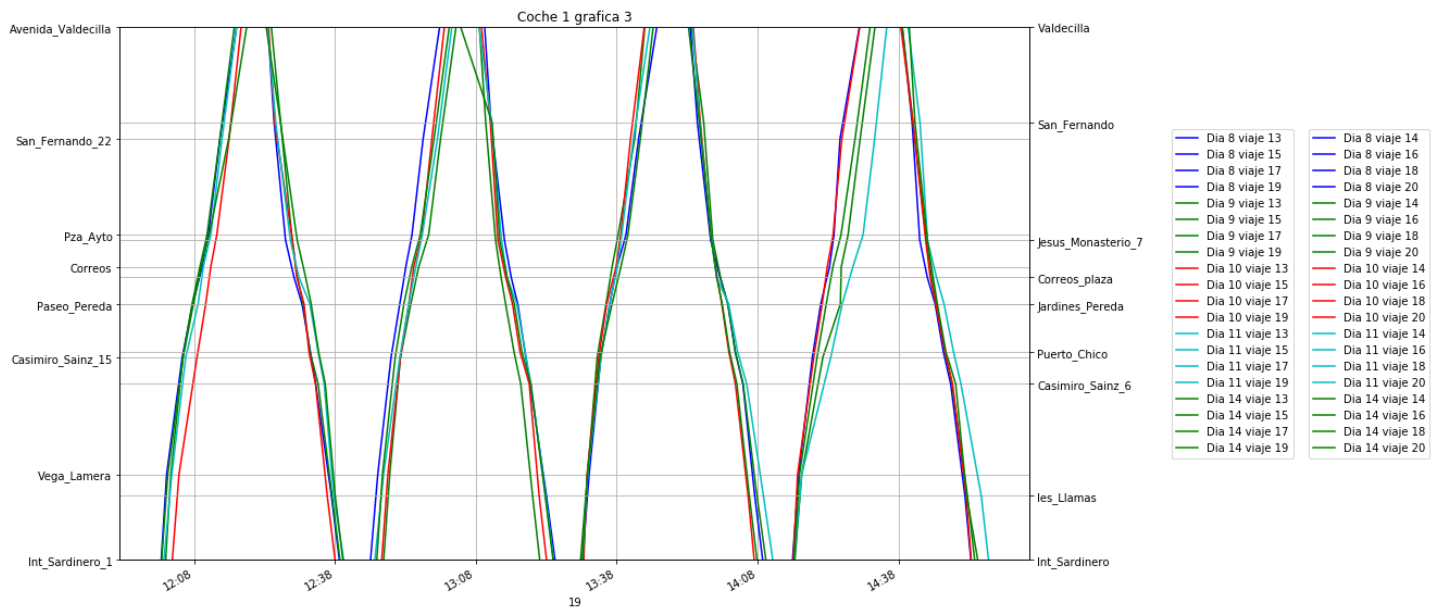
Coche 1 grafica 2

Gráfico evolución:



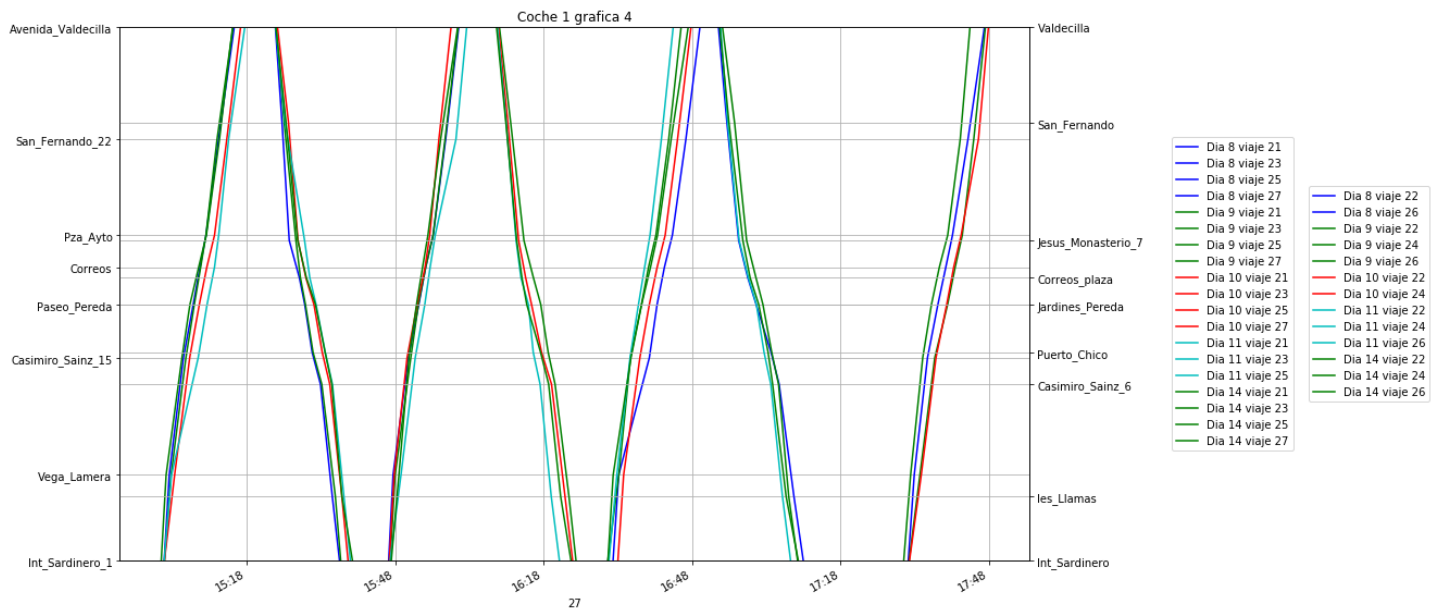
Coche 1 grafica 3

Gráfico evolución:



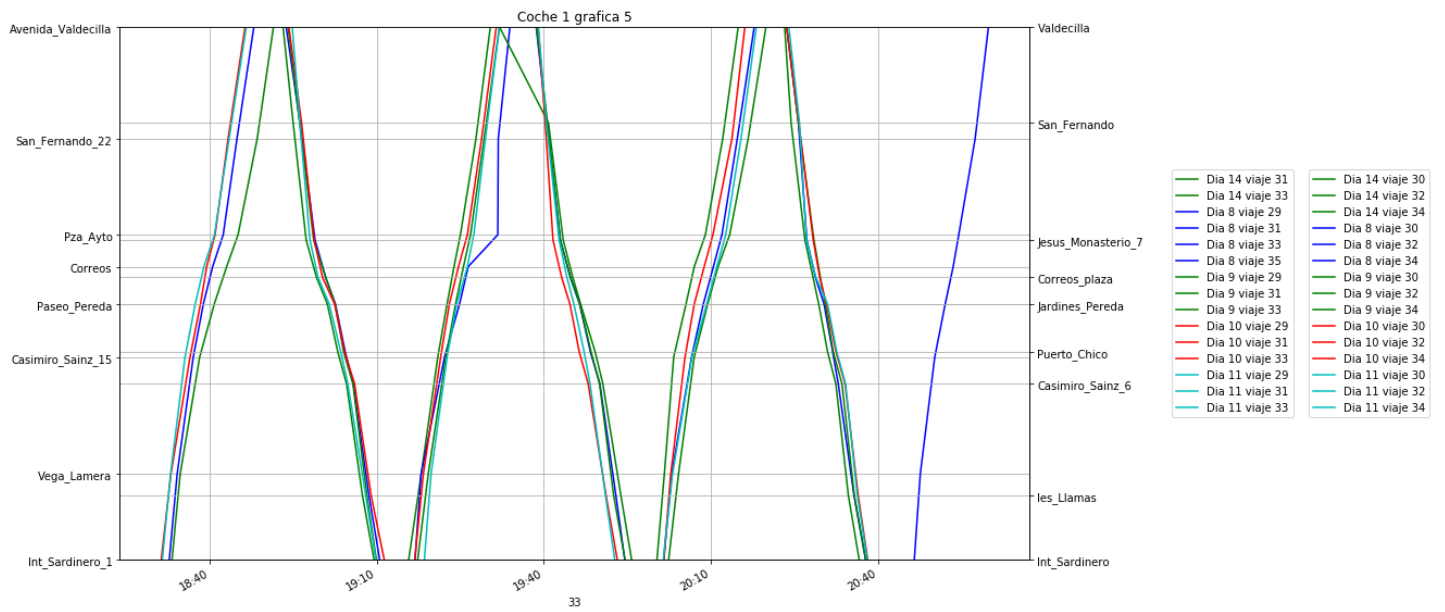
Coche 1 grafica 4

Gráfico evolución:



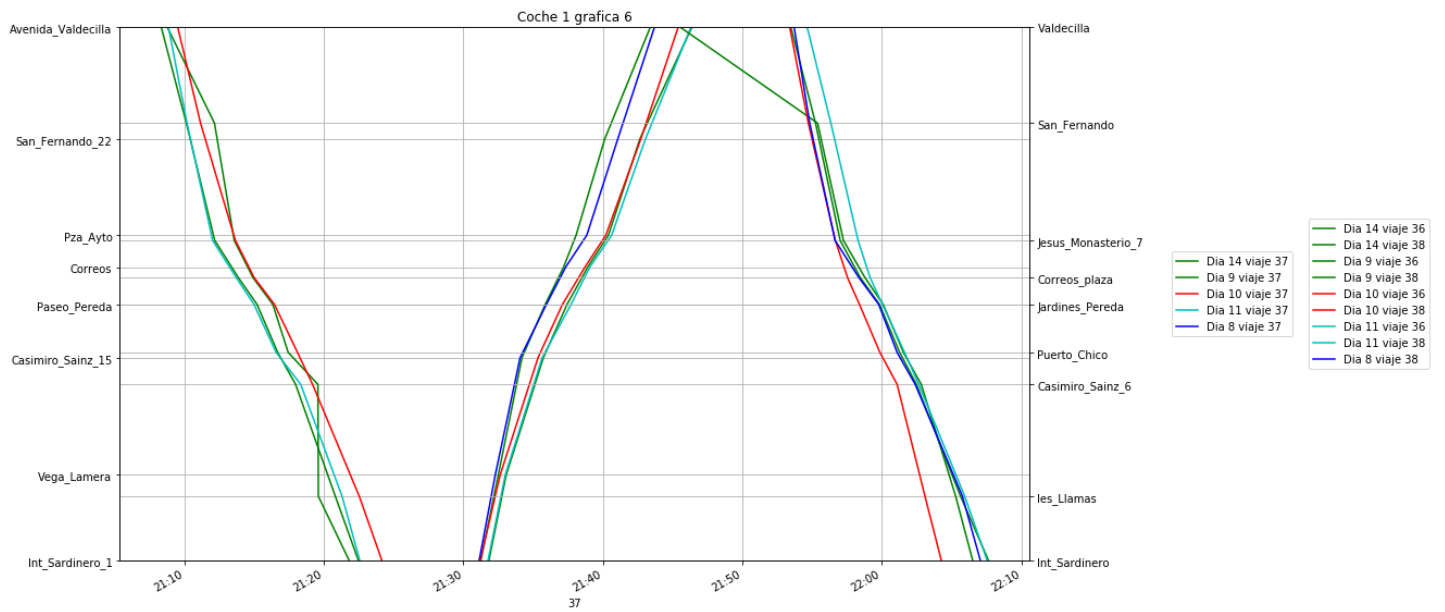
Coche 1 grafica 5

Gráfico evolución:



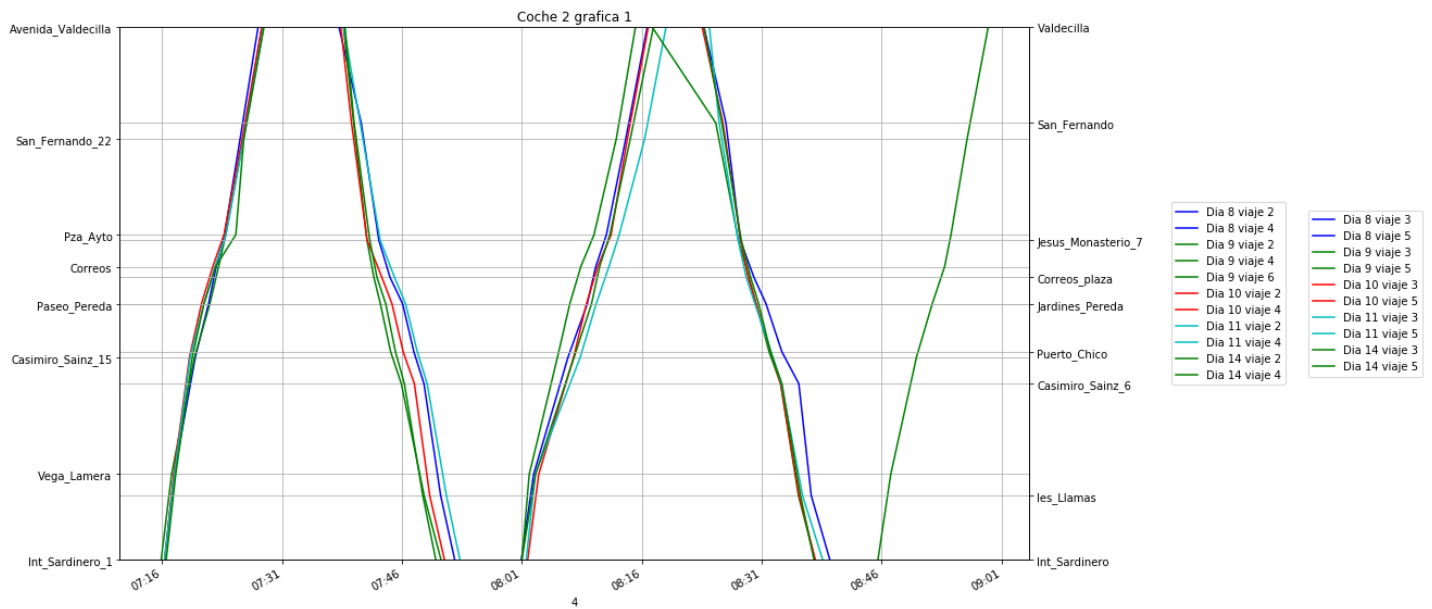
Coche 1 grafica 6

Gráfico evolución:



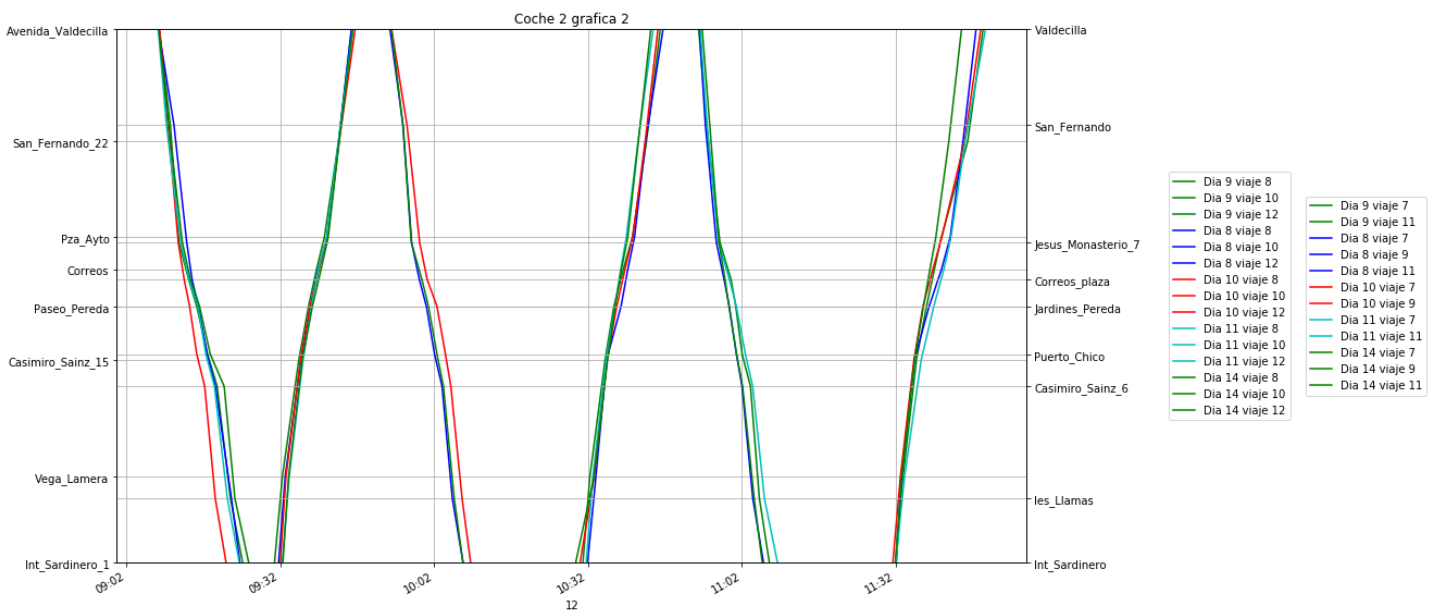
Coche 2 grafica 1

Gráfico evolución:



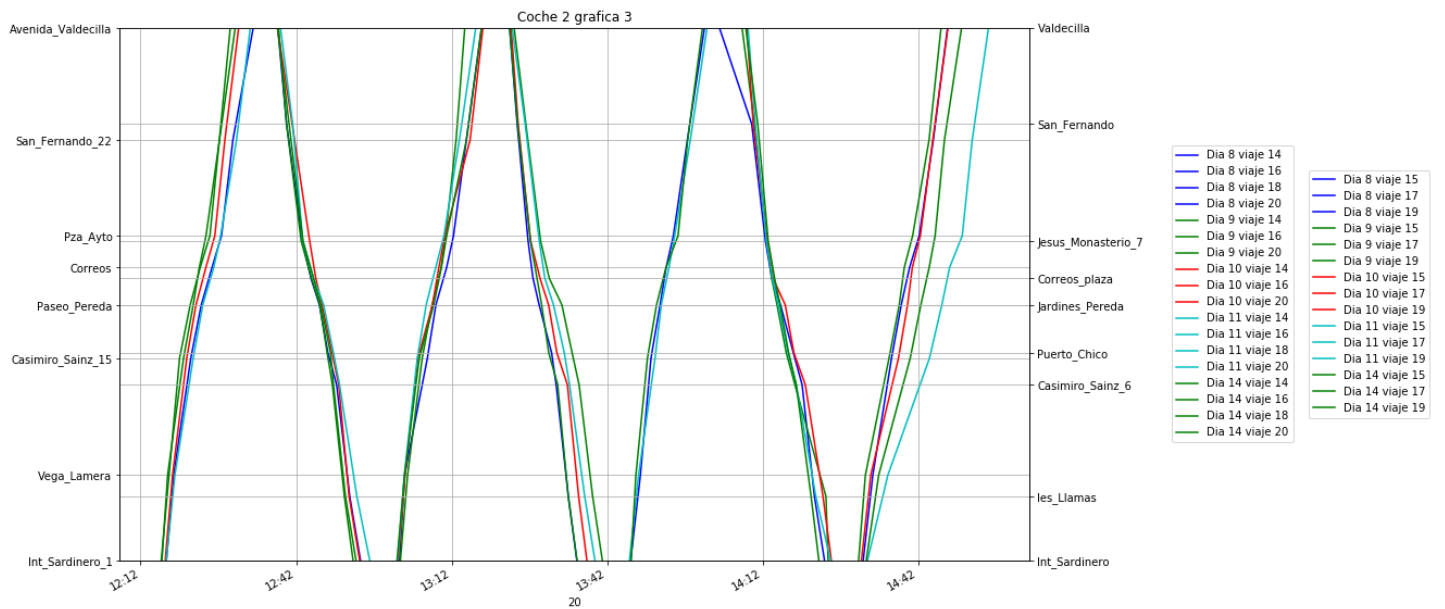
Coche 2 grafica 2

Gráfico evolución:



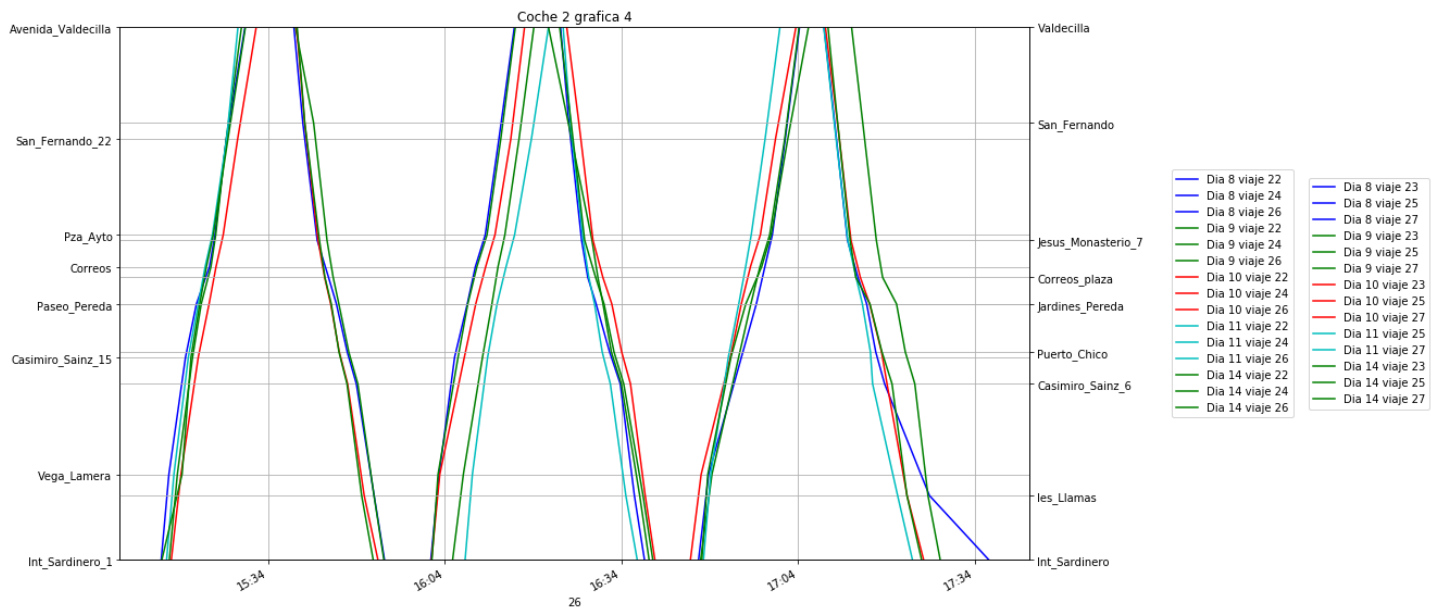
Coche 2 grafica 3

Gráfico evolución:



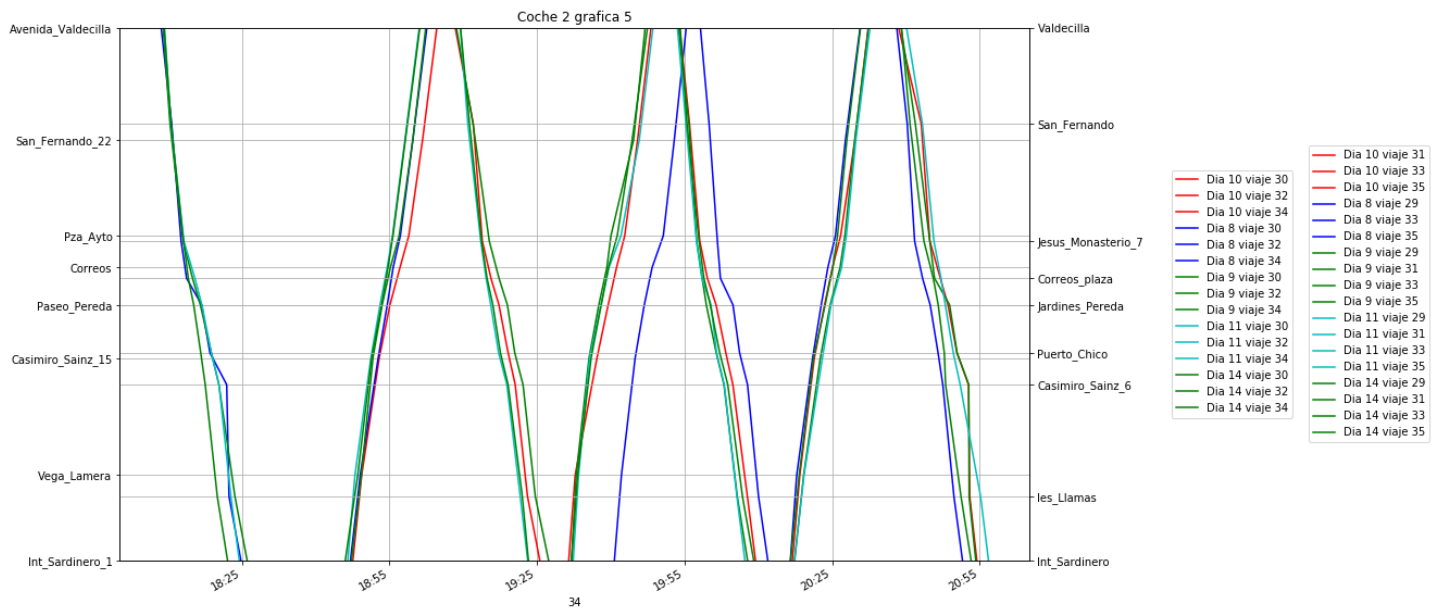
Coche 2 grafica 4

Gráfico evolución:



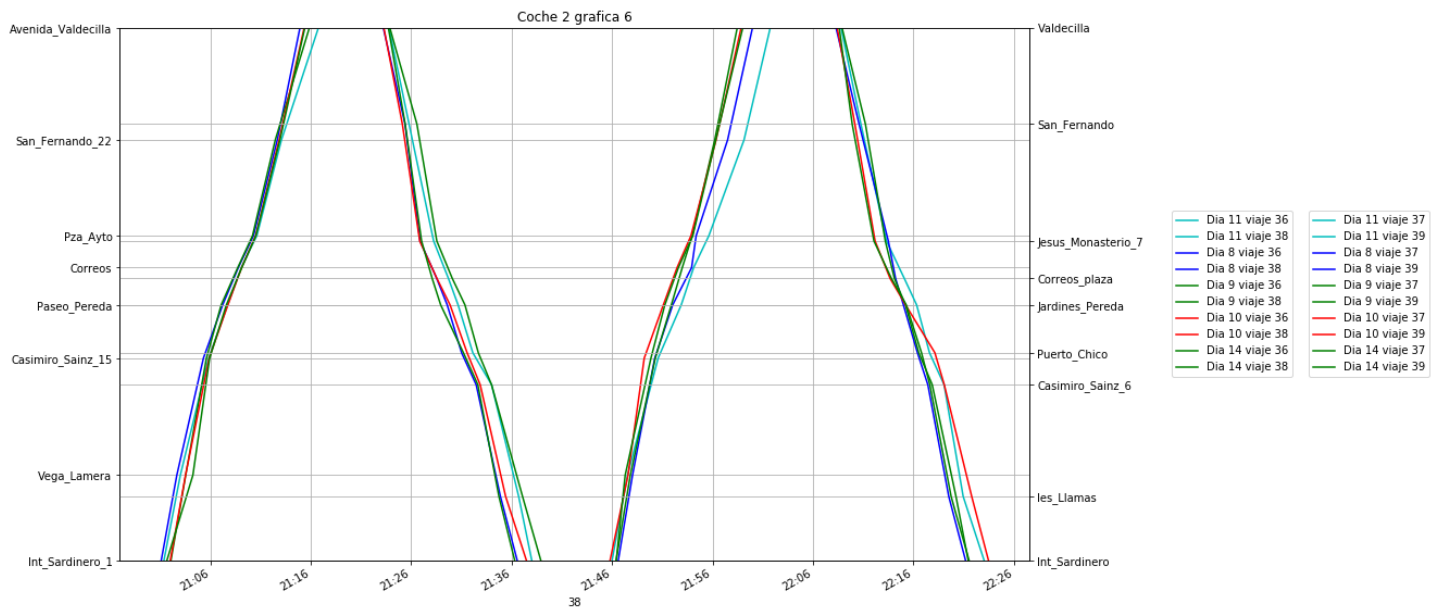
Coche 2 grafica 5

Gráfico evolución:



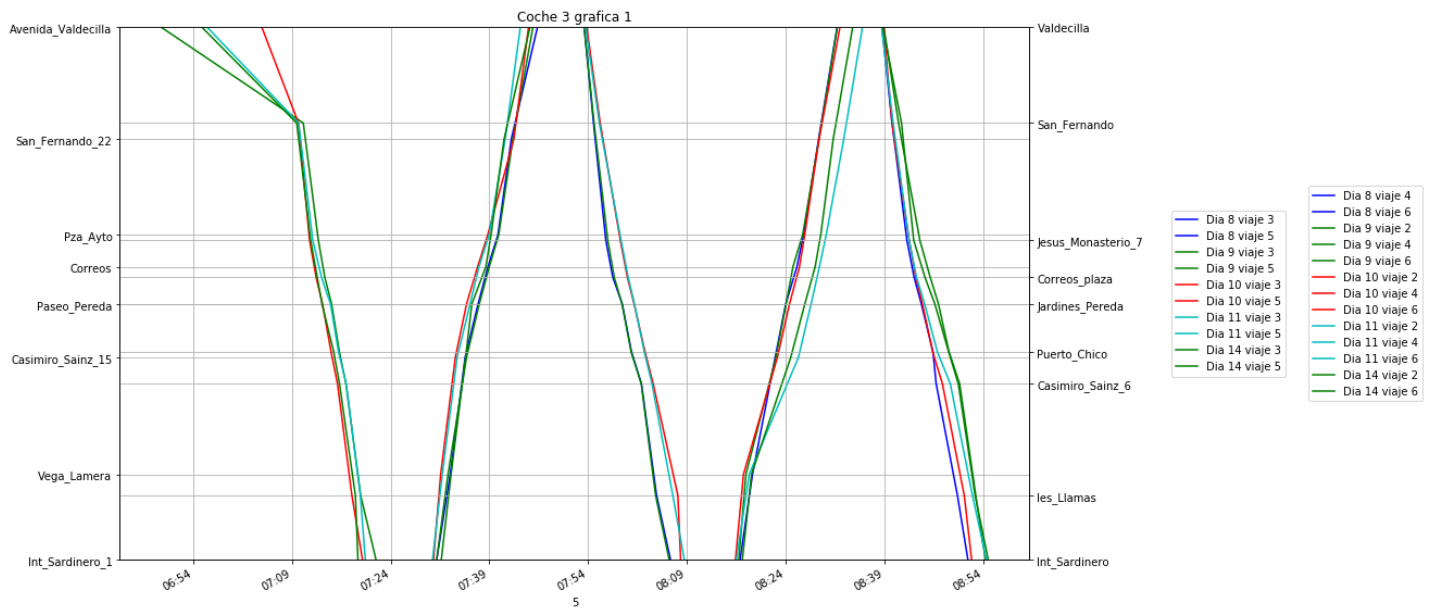
Coche 2 grafica 6

Gráfico evolución:



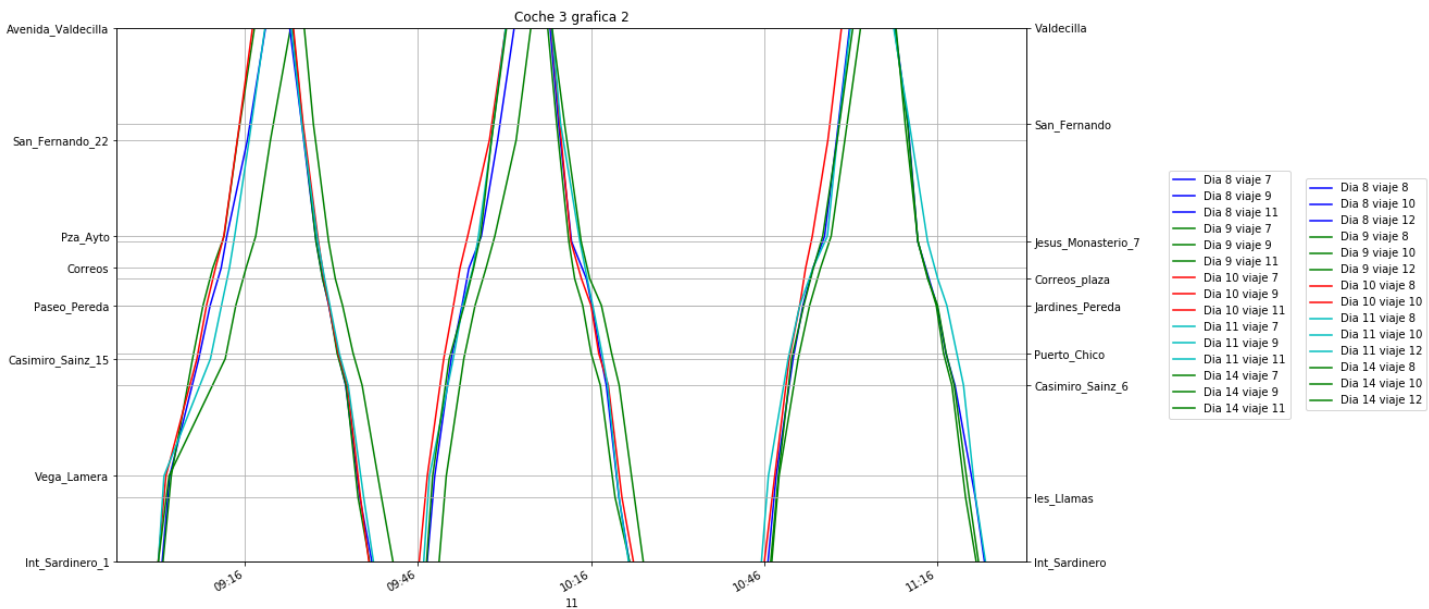
Coche 3 grafica 1

Gráfico evolución:



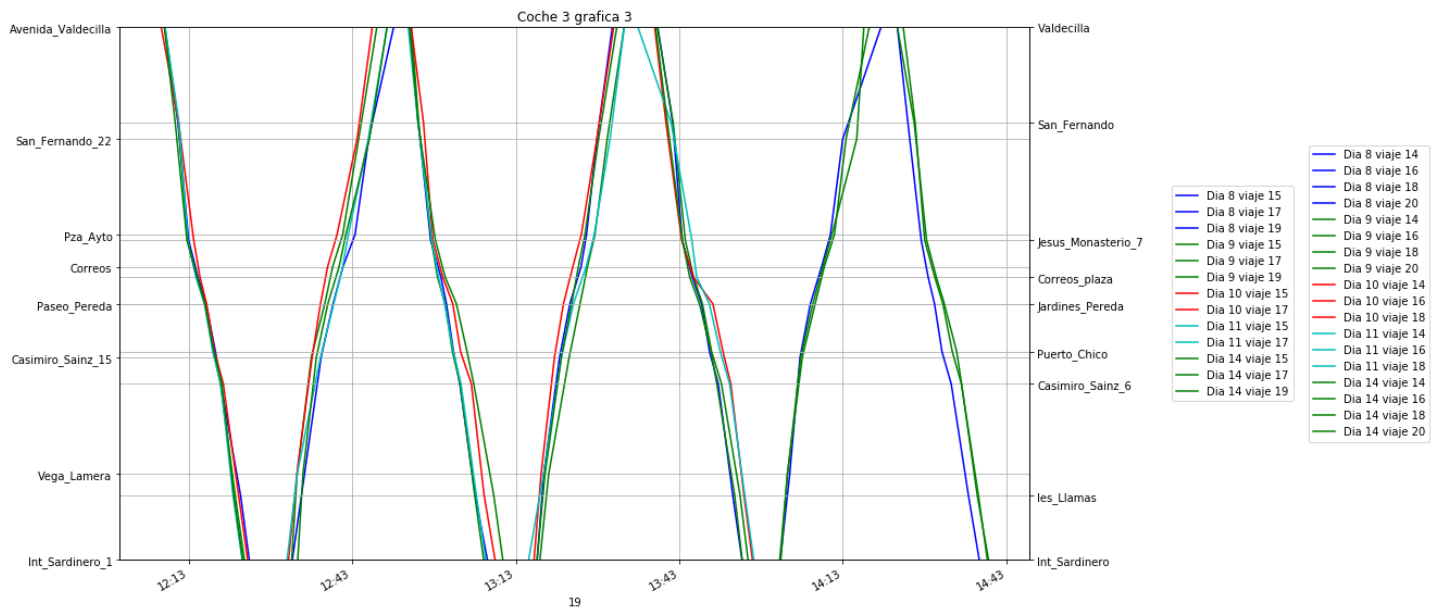
Coche 3 grafica 2

Gráfico evolución:



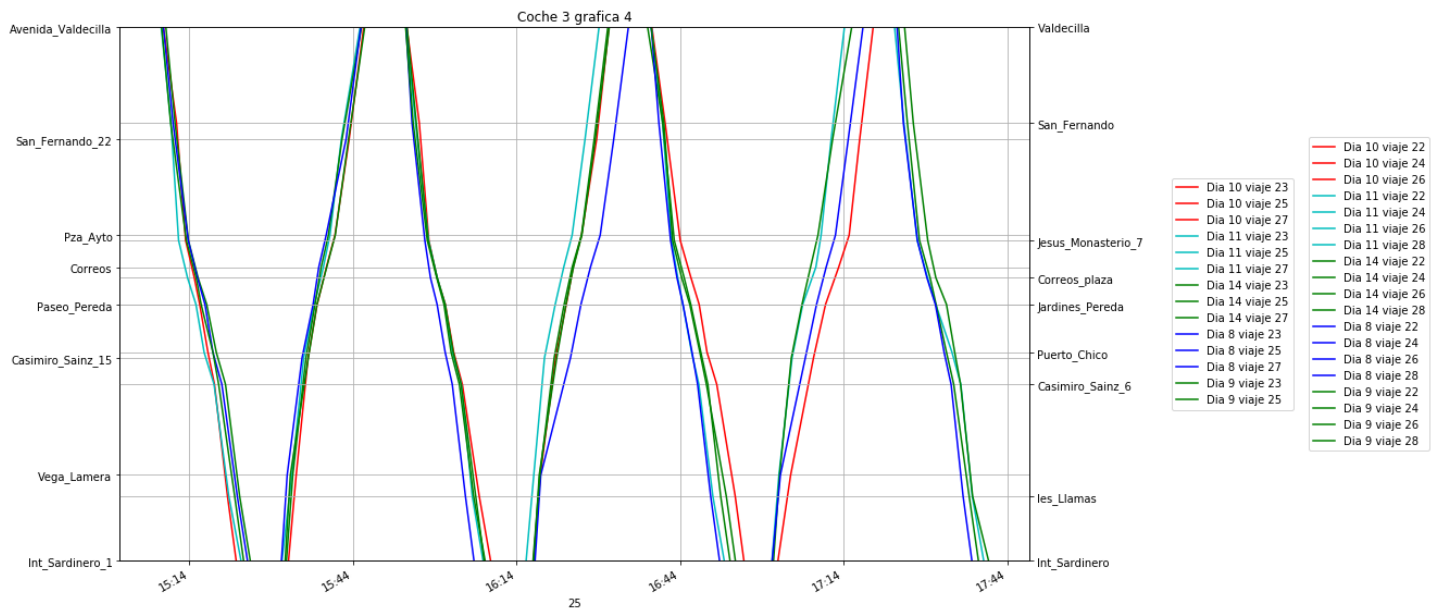
Coche 3 grafica 3

Gráfico evolución:



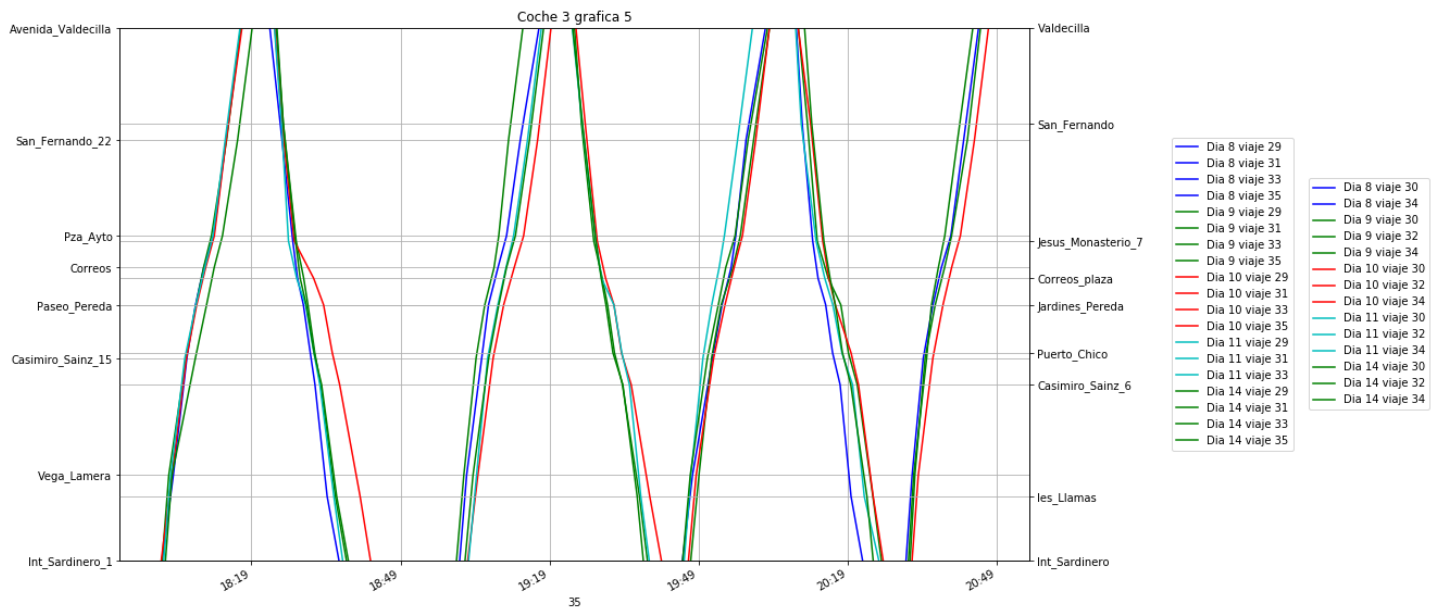
Coche 3 grafica 4

Gráfico evolución:



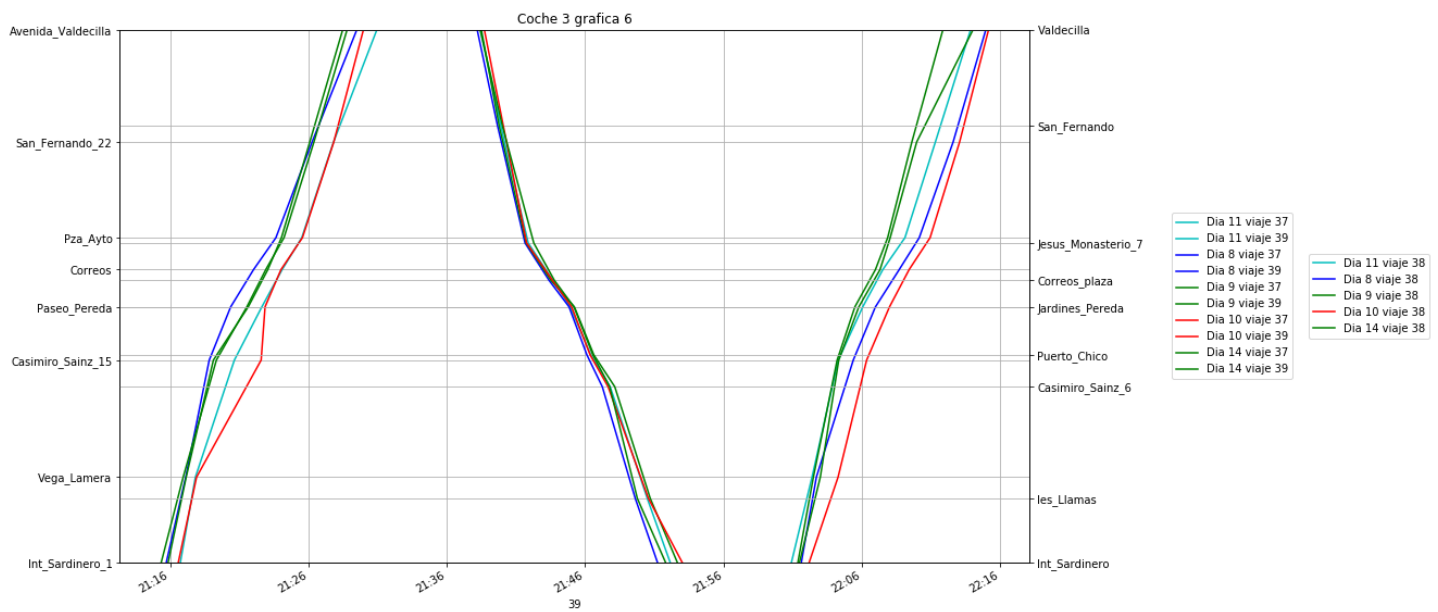
Coche 3 grafica 5

Gráfico evolución:



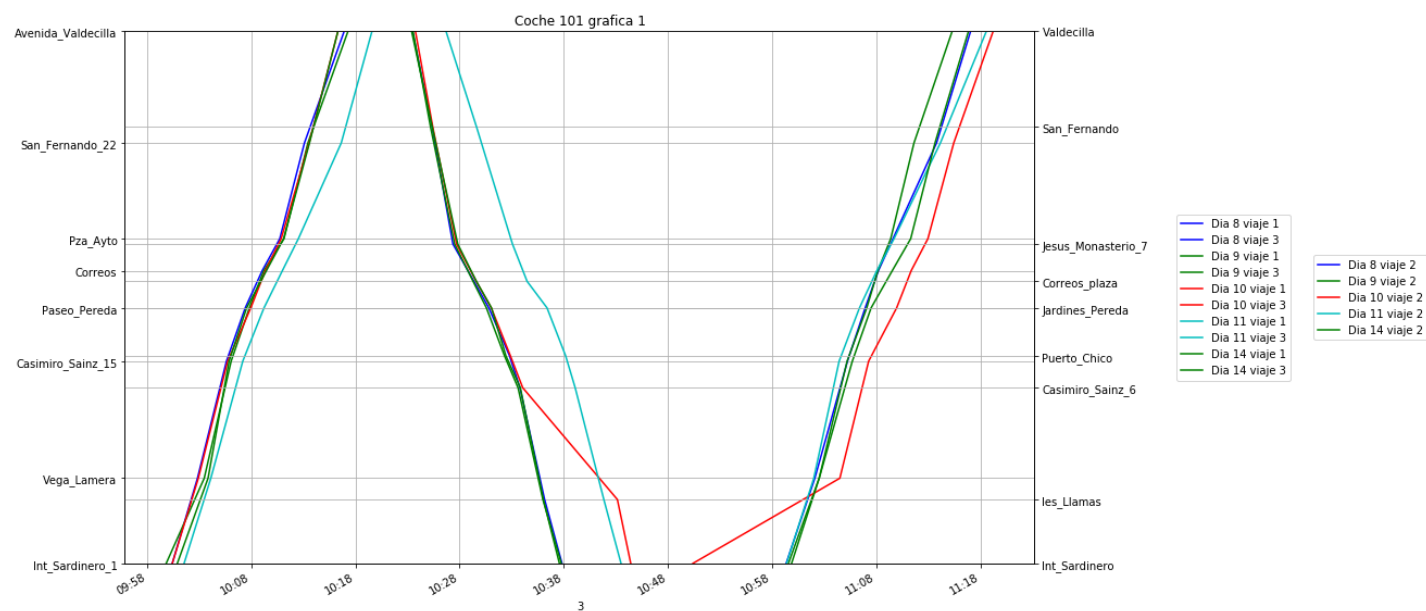
Coche 3 grafica 6

Gráfico evolución:



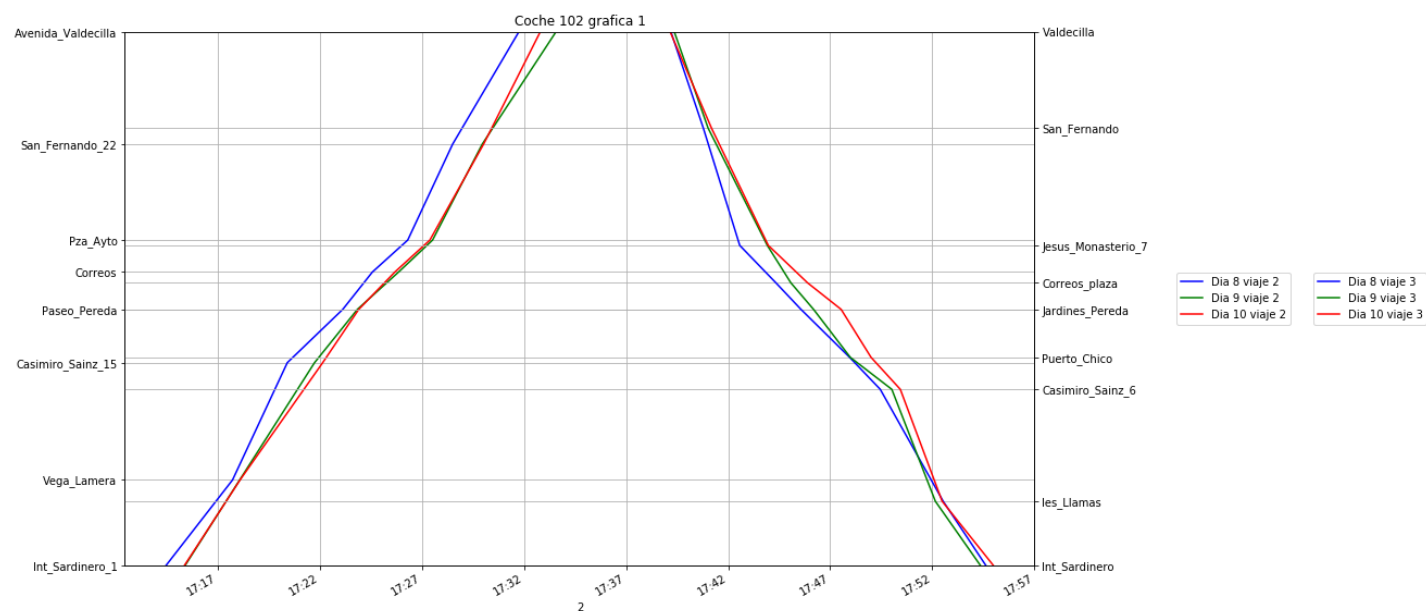
Coche 101 grafica 1

Gráfico evolución:



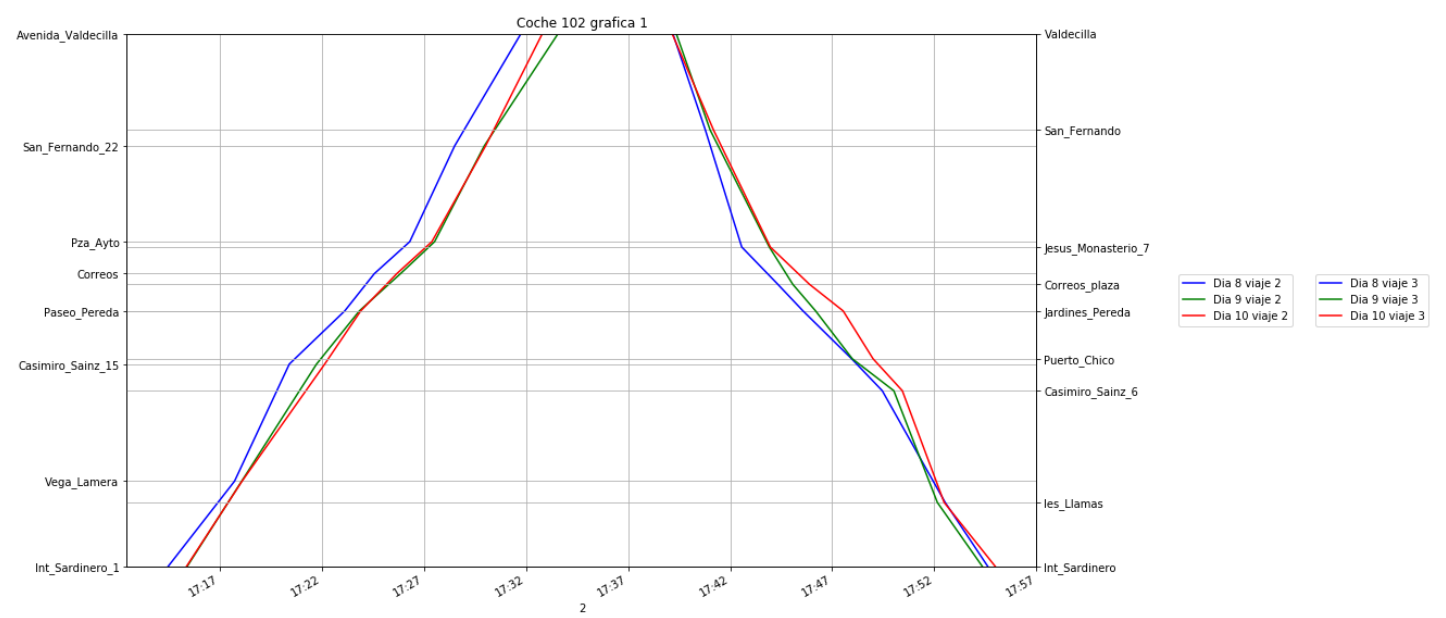
Coche 102 grafica 1

Gráfico evolución:



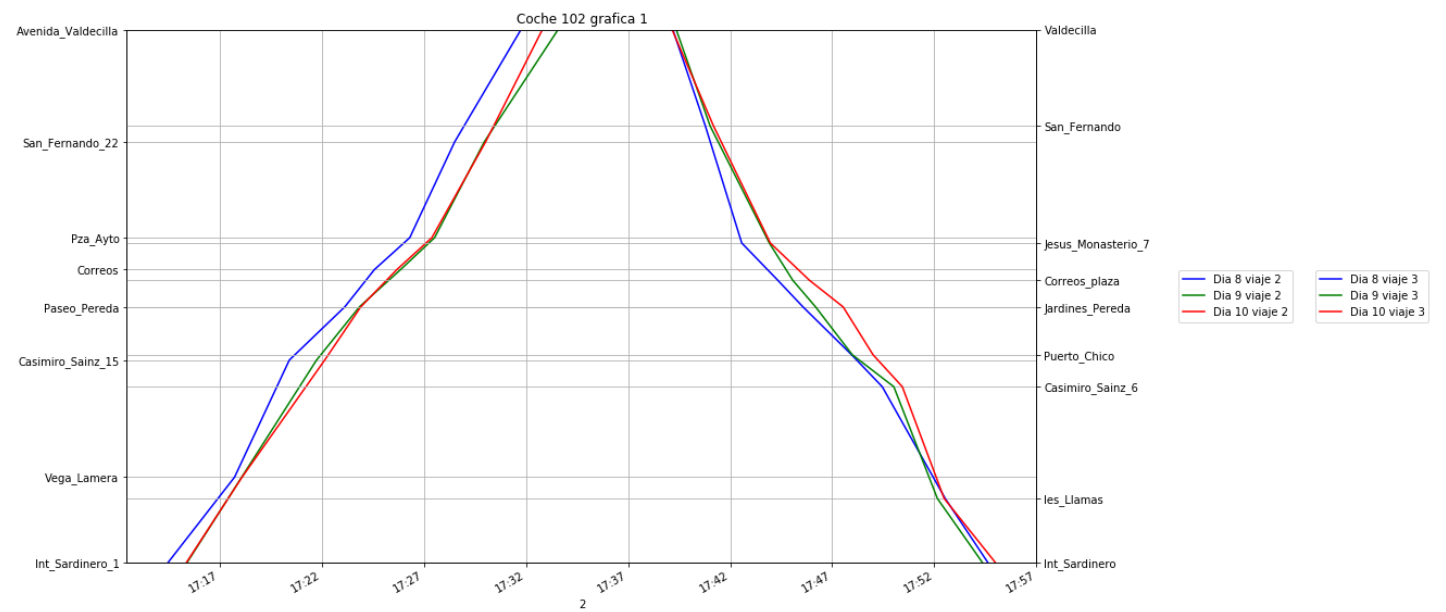
Coche 102 grafica 1

Gráfico evolución:



Coche 102 grafica 1

Gráfico evolución:



Coche 102 grafica 1

Gráfico evolución:

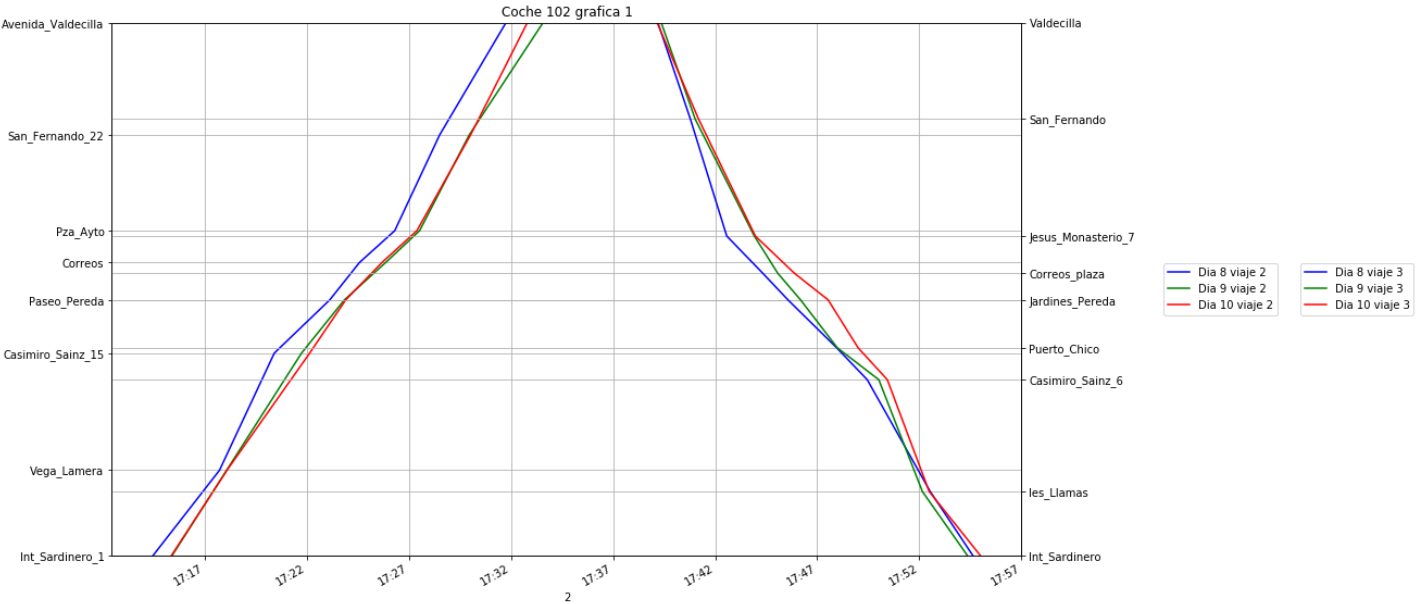


Tabla resumen velocidades y tiempos

coche	sentido	viaje	media tiempo viaje (minutos)	media velocidad comercial (km/h)	desviación tiempo viaje	desviación velocidad comercial
1	Valdecilla_Sardinero	2	21.762500	14.096150	4.601356	3.709195
1	Sardinero_Valdecilla	3	13.623333	21.718035	1.224382	1.912948
1	Valdecilla_Sardinero	4	15.776667	18.667427	0.732253	0.870993
1	Sardinero_Valdecilla	5	16.910000	17.398049	0.484997	0.518092
1	Sardinero_Valdecilla	7	15.046667	19.665363	1.325938	1.795897
1	Valdecilla_Sardinero	8	14.705556	20.162154	1.602111	2.337042
1	Sardinero_Valdecilla	9	15.140000	19.623529	1.647498	2.357782
1	Valdecilla_Sardinero	10	15.195833	19.389518	0.823090	1.037181
1	Sardinero_Valdecilla	11	16.183333	18.393039	2.122139	2.166205
1	Valdecilla_Sardinero	12	14.180000	20.825547	1.015669	1.609468
1	Sardinero_Valdecilla	13	15.763333	18.767424	1.437127	1.601096
1	Valdecilla_Sardinero	14	15.280000	19.300671	0.950029	1.203702
1	Sardinero_Valdecilla	15	15.043333	19.635386	1.128335	1.534128
1	Valdecilla_Sardinero	16	15.426667	19.462087	2.618434	3.003423
1	Sardinero_Valdecilla	17	14.356667	20.585603	1.157260	1.667336
1	Valdecilla_Sardinero	18	15.160000	19.557700	1.526370	2.051504
1	Sardinero_Valdecilla	19	16.256667	18.360451	2.288455	2.459705
1	Valdecilla_Sardinero	20	15.330000	19.245149	1.045652	1.230052
1	Sardinero_Valdecilla	21	14.813333	19.918065	1.005430	1.310204
1	Valdecilla_Sardinero	22	14.150000	20.888521	1.151991	1.707739
1	Sardinero_Valdecilla	23	13.846667	21.339051	1.104184	1.674470
1	Valdecilla_Sardinero	24	14.500000	20.421290	1.350171	2.083262
1	Sardinero_Valdecilla	25	15.260000	19.465945	1.722909	2.224604
1	Valdecilla_Sardinero	26	15.575000	18.968862	1.259446	1.527484
1	Sardinero_Valdecilla	27	15.033333	19.645522	1.130224	1.578957
1	Sardinero_Valdecilla	29	15.879167	18.637640	1.559462	1.667462
1	Valdecilla_Sardinero	30	16.216667	18.168503	0.830579	0.952736
1	Sardinero_Valdecilla	31	14.890000	19.859357	1.303180	1.641439
1	Valdecilla_Sardinero	32	16.683333	18.308311	4.054695	3.559859
1	Sardinero_Valdecilla	33	15.910000	18.579274	1.302700	1.533119
1	Valdecilla_Sardinero	34	14.073333	20.906462	0.429244	0.651430
1	Sardinero_Valdecilla	35	13.316667	22.077597	NaN	NaN
1	Valdecilla_Sardinero	36	13.879167	21.221082	0.677054	1.046250
1	Sardinero_Valdecilla	37	13.600000	21.746736	1.152774	1.904416
1	Valdecilla_Sardinero	38	14.450000	21.328717	3.840573	4.720364
2	Sardinero_Valdecilla	2	12.200000	24.113226	0.336237	0.674431
2	Valdecilla_Sardinero	3	13.093333	22.662455	1.396404	2.446598
2	Sardinero_Valdecilla	4	15.783333	18.721668	1.255101	1.487480
2	Valdecilla_Sardinero	5	15.620000	19.221309	2.743006	2.852758
2	Sardinero_Valdecilla	6	13.783333	21.330109	NaN	NaN
2	Valdecilla_Sardinero	7	15.666667	18.957408	1.682549	2.237910
2	Sardinero_Valdecilla	8	14.233333	20.681198	0.560630	0.808232
2	Valdecilla_Sardinero	9	14.516667	20.290798	0.781203	1.065377
2	Sardinero_Valdecilla	10	14.516667	20.312395	0.851225	1.275672
2	Valdecilla_Sardinero	11	13.241667	22.404492	1.462906	2.442042
2	Sardinero_Valdecilla	12	16.023333	18.583969	1.900497	2.490557
2	Sardinero_Valdecilla	14	14.893333	19.892634	1.473356	1.926379
2	Valdecilla_Sardinero	15	15.686667	18.809973	1.058786	1.260717
2	Sardinero_Valdecilla	16	15.156667	19.600991	1.624491	2.378532
2	Valdecilla_Sardinero	17	14.693333	20.246021	1.790973	2.435782

coche	sentido	viaje	media tiempo viaje (minutos)	media velocidad comercial (km/h)	desviación tiempo viaje	desviación velocidad comercial
2	Sardinero_Valdecilla	18	14.305556	20.575774	0.604918	0.862863
2	Valdecilla_Sardinero	19	16.613333	17.939839	2.243614	2.269862
2	Sardinero_Valdecilla	20	18.093333	16.574616	3.068650	2.409133
2	Sardinero_Valdecilla	22	13.423333	22.035956	1.151424	1.949912
2	Valdecilla_Sardinero	23	14.266667	20.707843	1.136352	1.681642
2	Sardinero_Valdecilla	24	14.406667	20.453013	0.786306	1.049181
2	Valdecilla_Sardinero	25	14.923333	19.910134	1.687684	2.327003
2	Sardinero_Valdecilla	26	16.560000	18.021104	2.087316	2.658516
2	Valdecilla_Sardinero	27	18.103333	17.162767	5.527613	3.792478
2	Valdecilla_Sardinero	29	15.341667	19.378953	1.804752	2.449019
2	Sardinero_Valdecilla	30	15.466667	19.064135	0.956702	1.123157
2	Valdecilla_Sardinero	31	15.850000	18.896091	2.508135	2.930231
2	Sardinero_Valdecilla	32	15.583333	18.912889	0.868827	1.044978
2	Valdecilla_Sardinero	33	14.373333	20.501039	0.772945	1.081072
2	Sardinero_Valdecilla	34	14.836667	19.842746	0.608892	0.821698
2	Valdecilla_Sardinero	35	15.040000	19.670420	1.319806	1.749076
2	Sardinero_Valdecilla	36	13.993333	21.060795	0.792026	1.122323
2	Valdecilla_Sardinero	37	13.856667	21.296770	0.938868	1.469737
2	Sardinero_Valdecilla	38	13.350000	22.205807	1.419360	2.161737
2	Valdecilla_Sardinero	39	13.526667	21.839678	1.067682	1.661468
3	Valdecilla_Sardinero	2	23.904167	13.224250	7.077682	4.301691
3	Sardinero_Valdecilla	3	14.230000	20.716182	0.824992	1.199757
3	Valdecilla_Sardinero	4	13.812500	21.365477	0.985109	1.504016
3	Sardinero_Valdecilla	5	16.293333	18.206507	1.784991	1.857387
3	Valdecilla_Sardinero	6	14.743333	20.098796	1.436025	2.023013
3	Sardinero_Valdecilla	7	18.293333	16.345663	2.804426	2.249617
3	Valdecilla_Sardinero	8	14.033333	21.019313	0.909670	1.336015
3	Sardinero_Valdecilla	9	14.790000	19.925322	0.805071	1.080865
3	Valdecilla_Sardinero	10	14.233333	20.725627	0.948610	1.312601
3	Sardinero_Valdecilla	11	14.500000	20.336538	0.883097	1.246433
3	Valdecilla_Sardinero	12	14.962500	19.698670	0.868414	1.138429
3	Valdecilla_Sardinero	14	14.876667	19.800902	0.737827	0.968396
3	Sardinero_Valdecilla	15	16.843333	17.566756	1.516007	1.553406
3	Valdecilla_Sardinero	16	14.816667	19.992008	1.469505	1.889830
3	Sardinero_Valdecilla	17	15.200000	19.471191	1.431443	1.718034
3	Valdecilla_Sardinero	18	17.416667	17.102475	2.335059	2.078584
3	Sardinero_Valdecilla	19	16.694444	17.711575	1.572095	1.608893
3	Valdecilla_Sardinero	20	15.705556	18.758354	0.886055	1.033530
3	Valdecilla_Sardinero	22	14.766667	19.968360	0.870425	1.244754
3	Sardinero_Valdecilla	23	14.203333	20.712923	0.405072	0.594207
3	Valdecilla_Sardinero	24	14.126667	20.910602	1.059193	1.652682
3	Sardinero_Valdecilla	25	14.370000	20.627339	1.546923	1.952346
3	Valdecilla_Sardinero	26	14.656667	20.288262	1.731834	2.432578
3	Sardinero_Valdecilla	27	15.429167	19.287605	1.947618	2.463211
3	Valdecilla_Sardinero	28	15.016667	19.659122	1.111306	1.459281
3	Sardinero_Valdecilla	29	16.136667	18.253321	0.792710	0.864391
3	Valdecilla_Sardinero	30	15.063333	19.837014	2.343116	2.568609
3	Sardinero_Valdecilla	31	15.290000	19.350207	1.326524	1.760783
3	Valdecilla_Sardinero	32	15.375000	19.222677	1.314626	1.572779
3	Sardinero_Valdecilla	33	15.916667	18.581282	1.312599	1.670954
3	Valdecilla_Sardinero	34	15.526667	19.151227	1.803338	2.326244
3	Sardinero_Valdecilla	35	14.266667	20.686991	1.008942	1.501351
3	Sardinero_Valdecilla	37	13.463333	21.870352	0.582547	0.961775
3	Valdecilla_Sardinero	38	13.706667	21.474944	0.526730	0.830623
3	Sardinero_Valdecilla	39	12.436667	23.818022	1.137089	2.439454
101	Sardinero_Valdecilla	1	16.660000	17.706060	1.079262	1.139441
101	Valdecilla_Sardinero	2	16.046667	18.719581	2.808504	2.854500
101	Sardinero_Valdecilla	3	19.680000	15.631150	5.258939	3.271131
102	Sardinero_Valdecilla	2	17.043333	17.285165	0.857046	0.871043
102	Valdecilla_Sardinero	3	15.405556	19.093353	0.416778	0.517294
102	Sardinero_Valdecilla	4	26.641667	12.862882	11.594719	5.601806