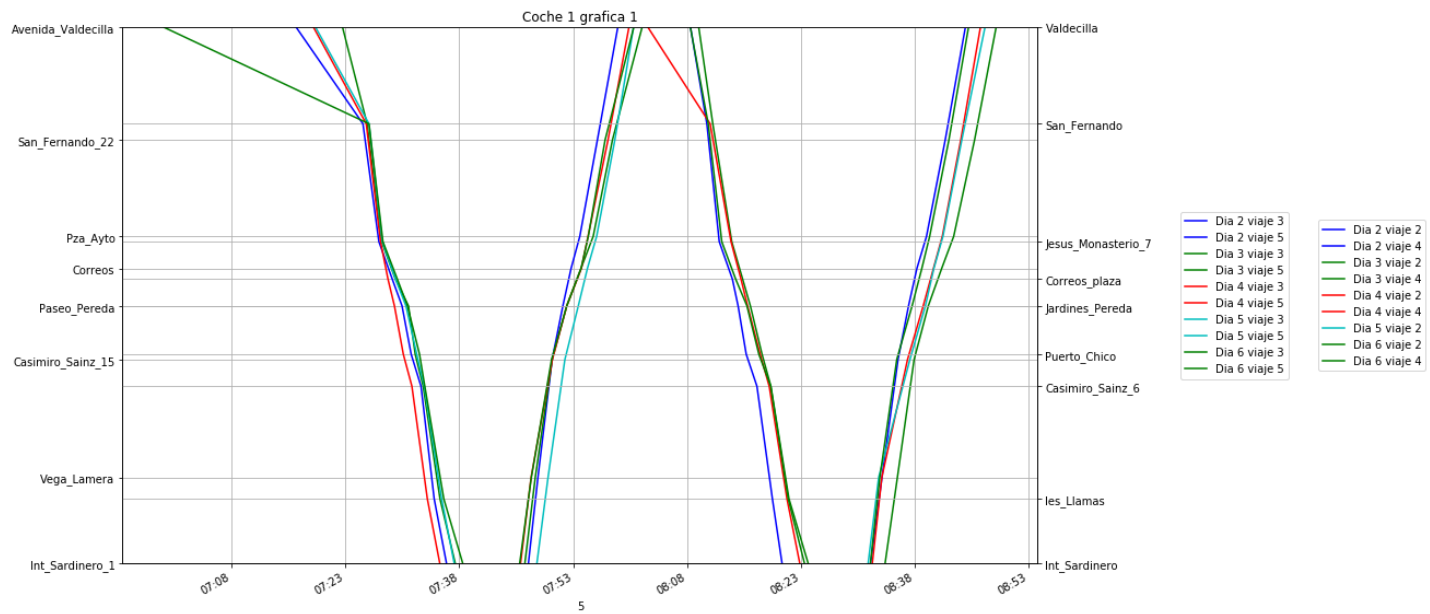


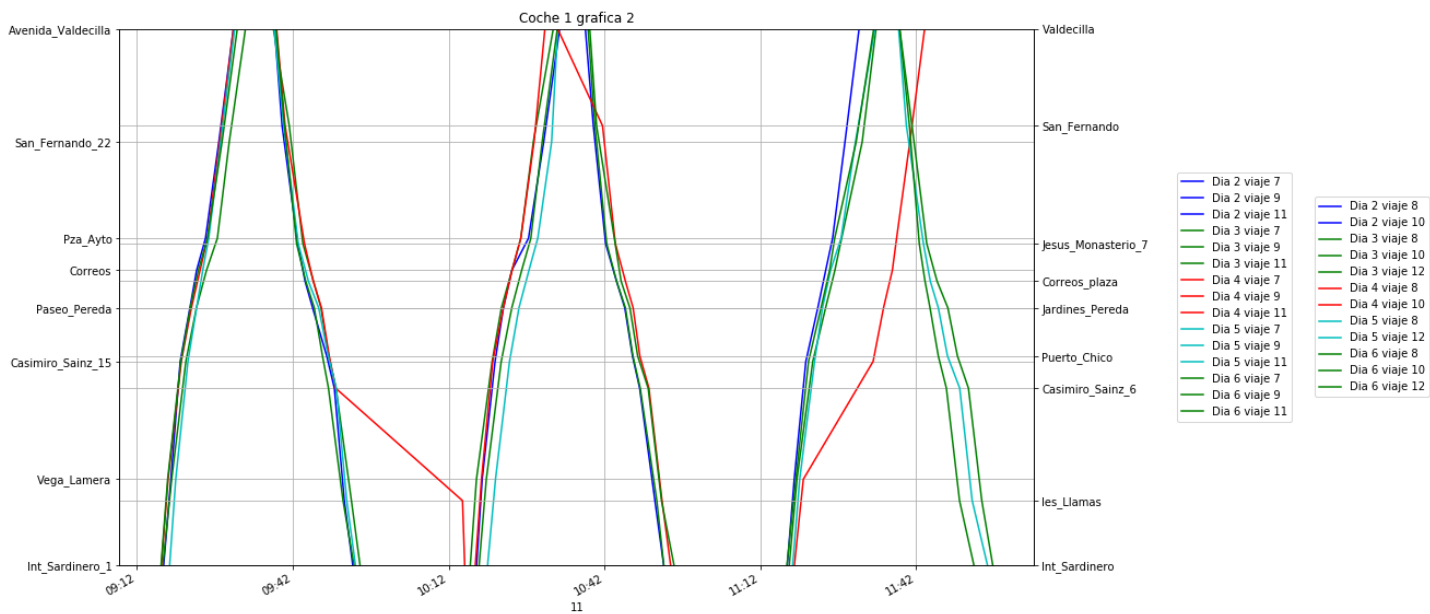
Coche 1 grafica 1

Gráfico evolución:



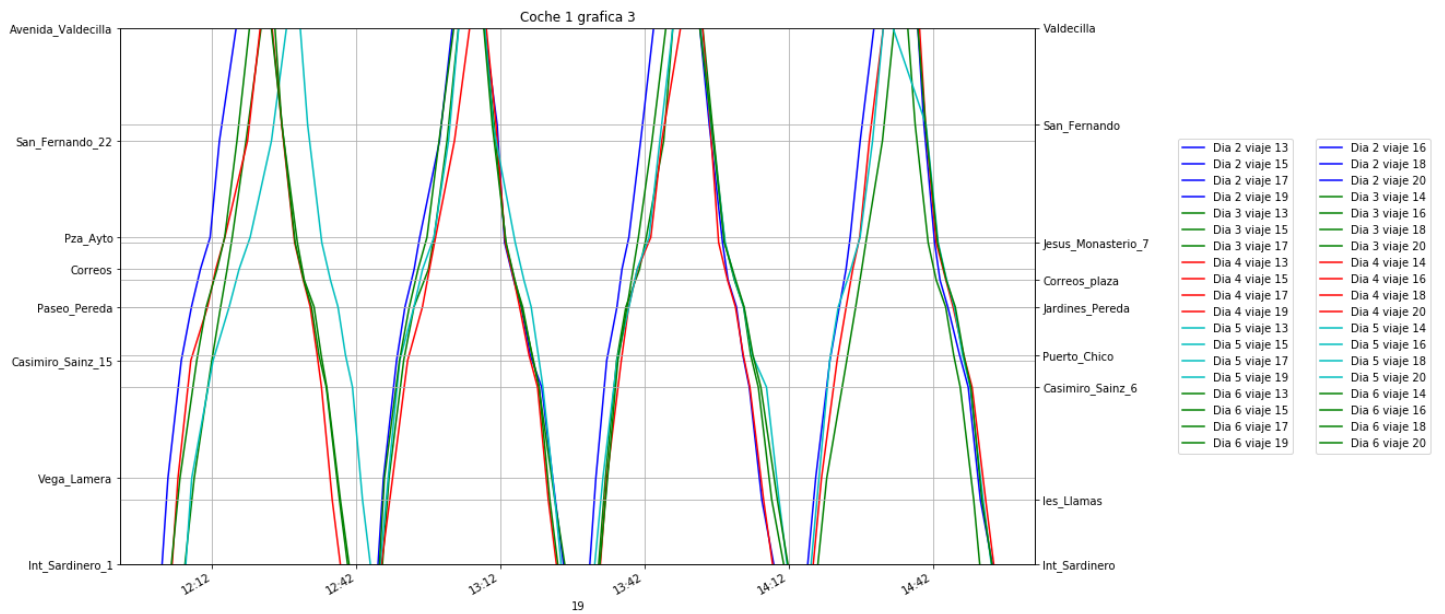
Coche 1 grafica 2

Gráfico evolución:



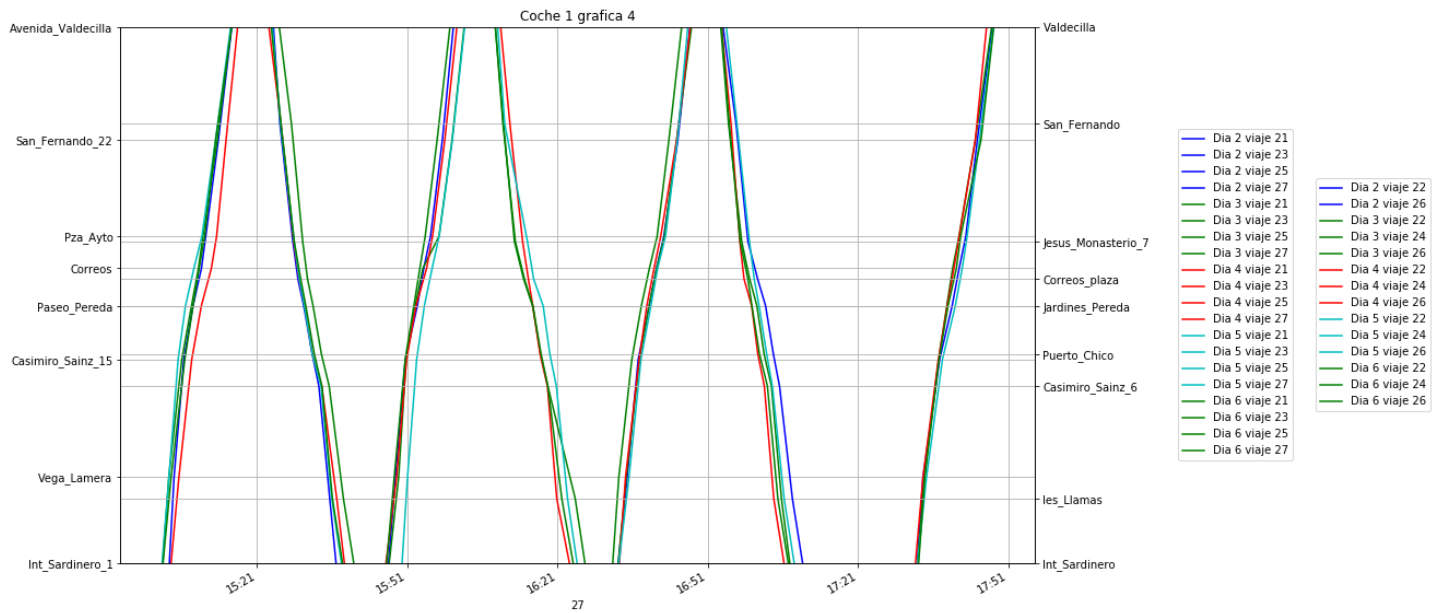
Coche 1 grafica 3

Gráfico evolución:



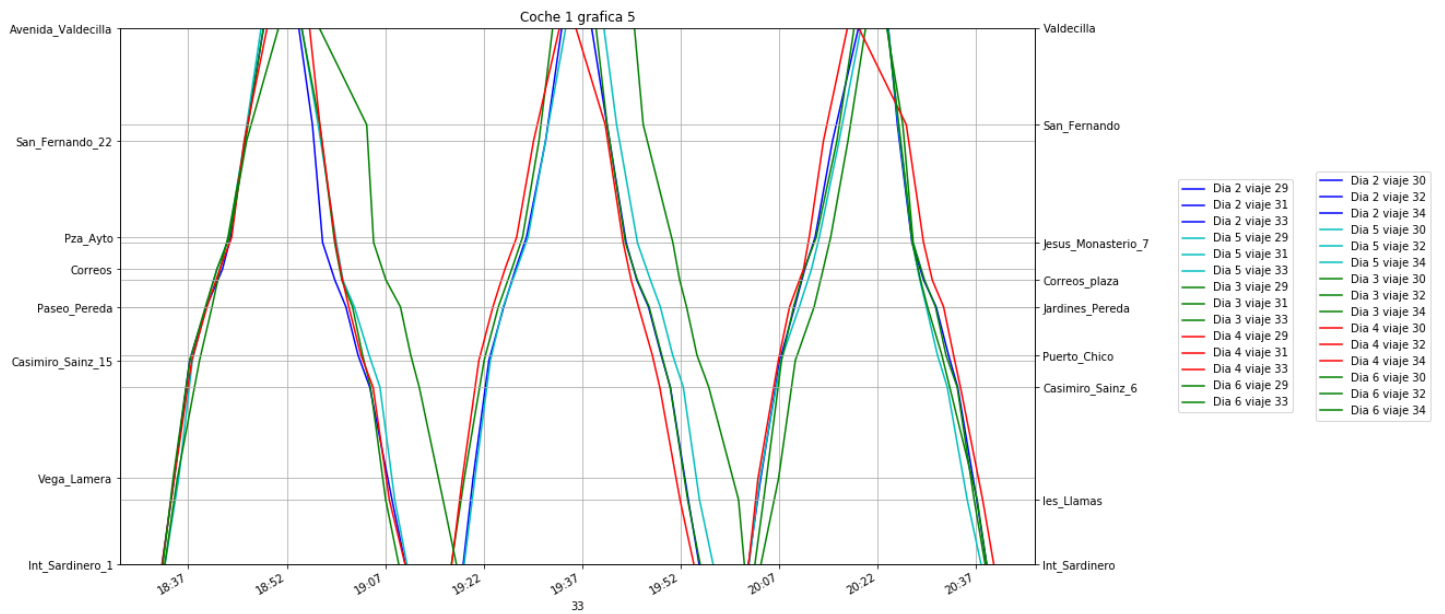
Coche 1 grafica 4

Gráfico evolución:



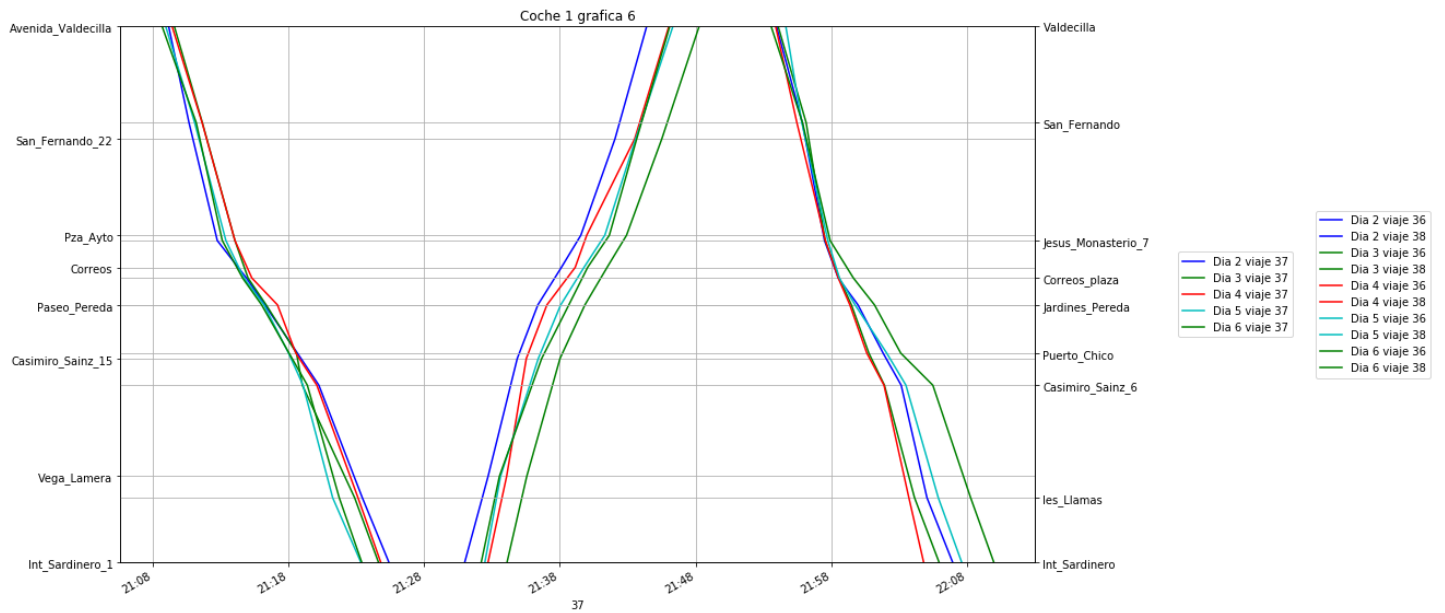
Coche 1 grafica 5

Gráfico evolución:



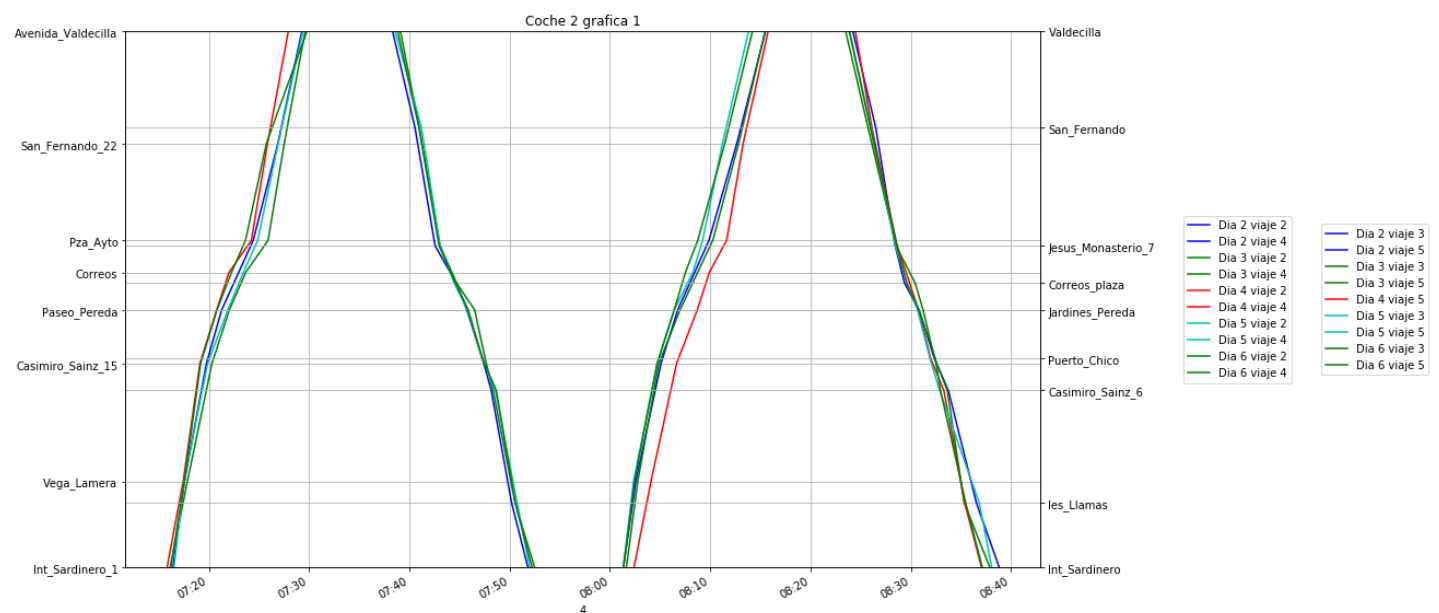
Coche 1 grafica 6

Gráfico evolución:



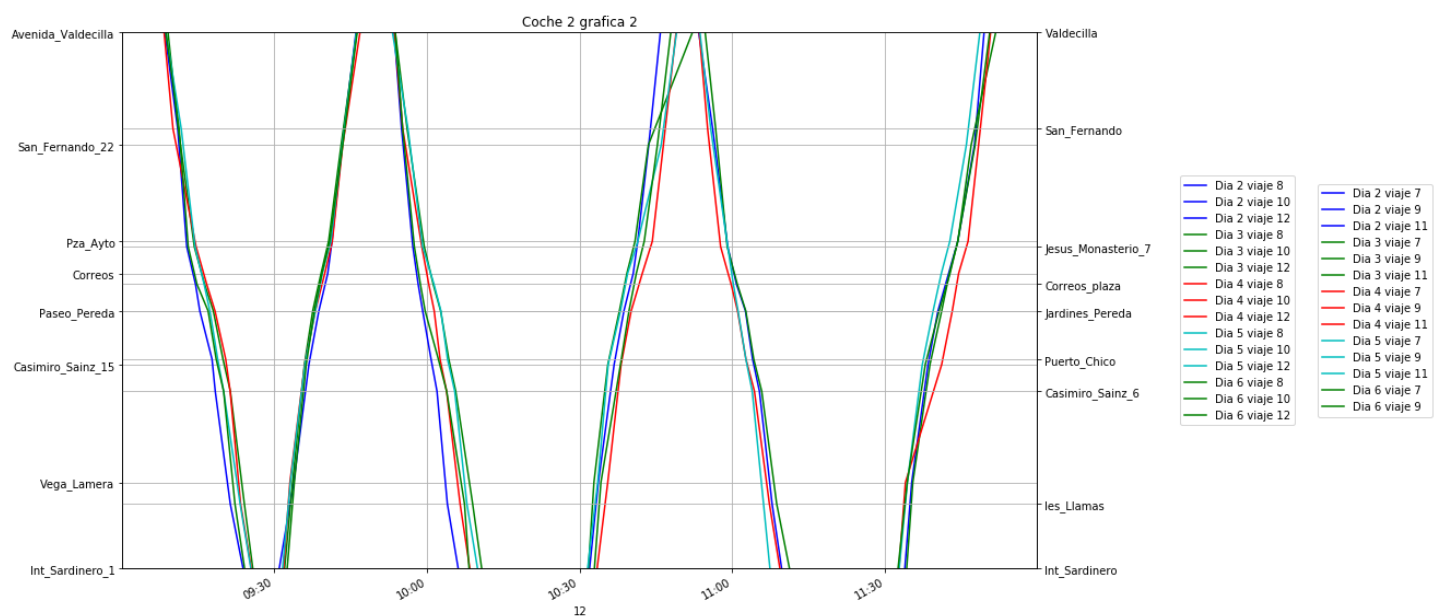
Coche 2 grafica 1

Gráfico evolución:



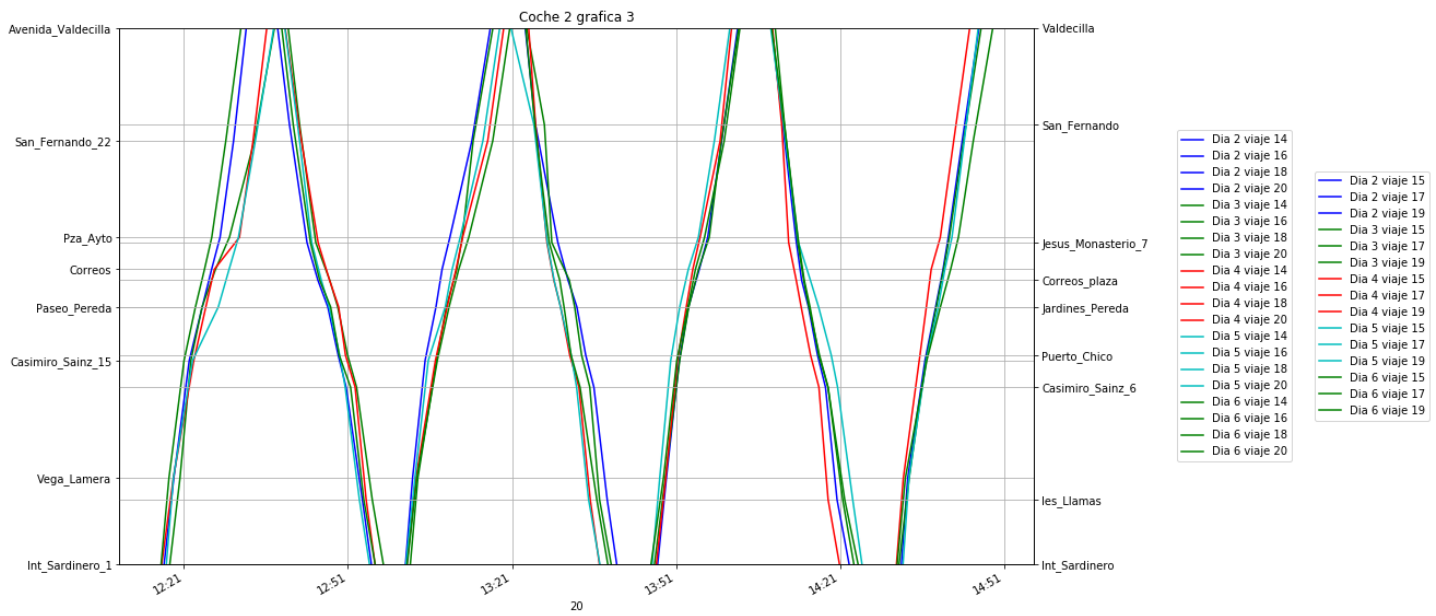
Coche 2 grafica 2

Gráfico evolución:



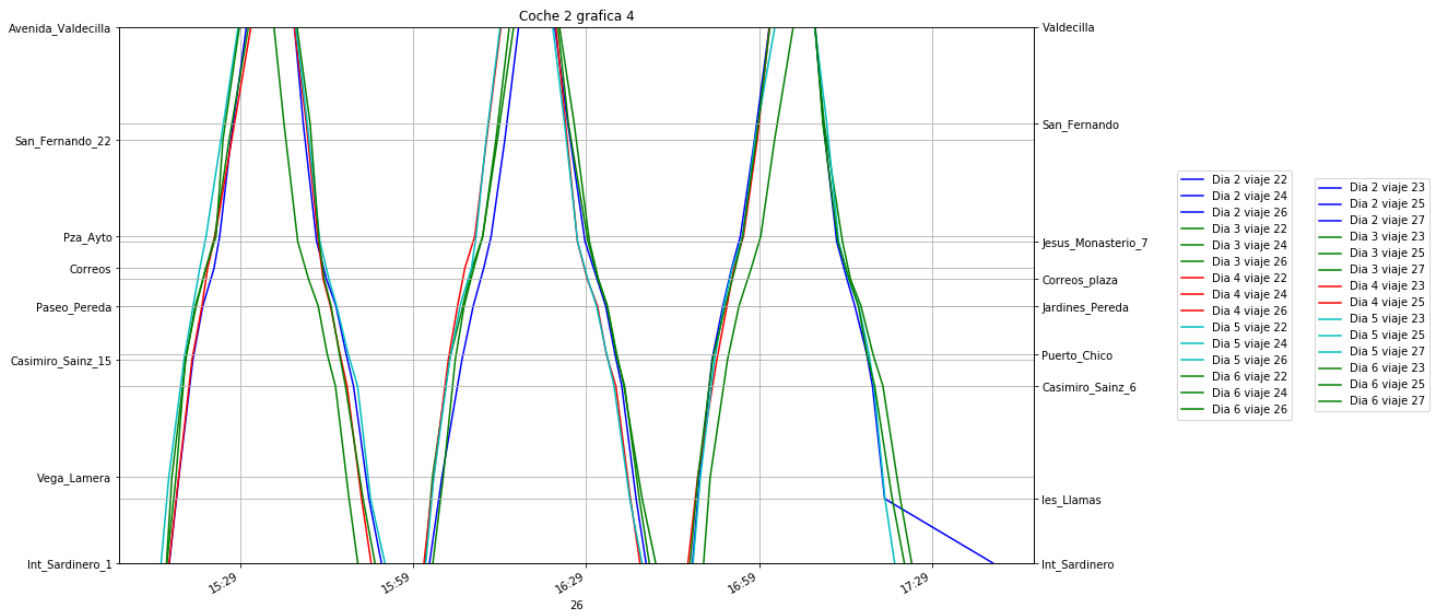
Coche 2 grafica 3

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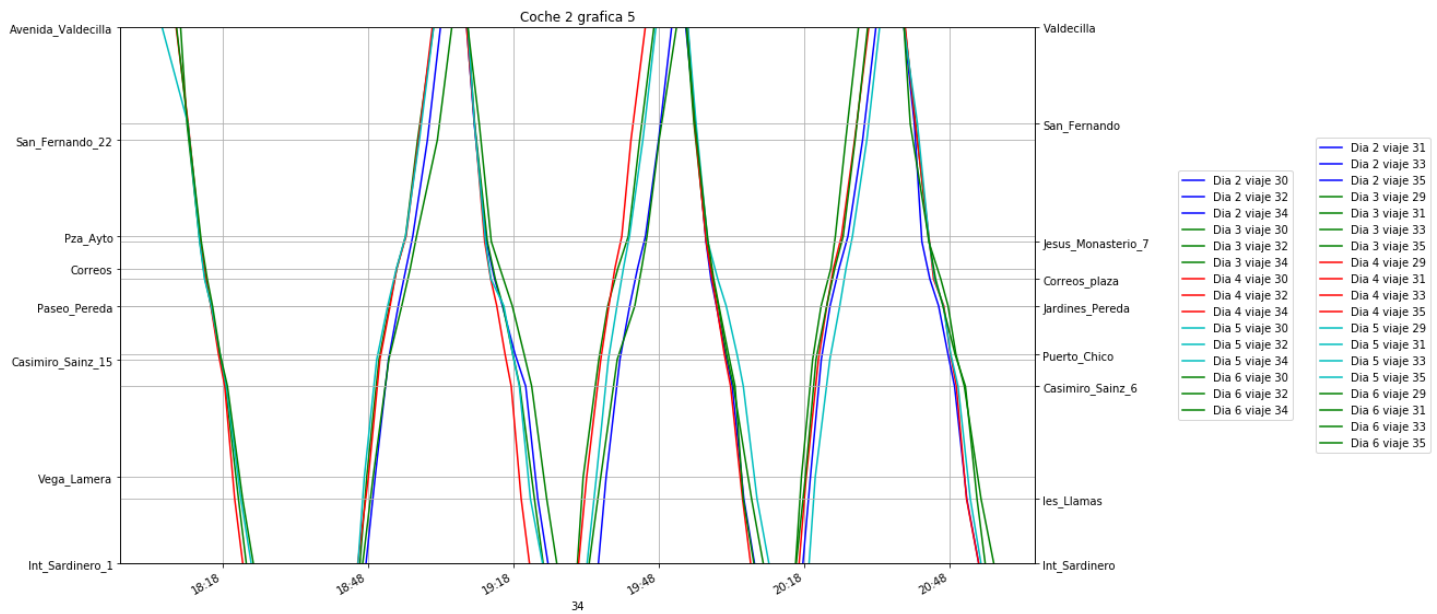
Coche 2 grafica 4

Gráfico evolución:



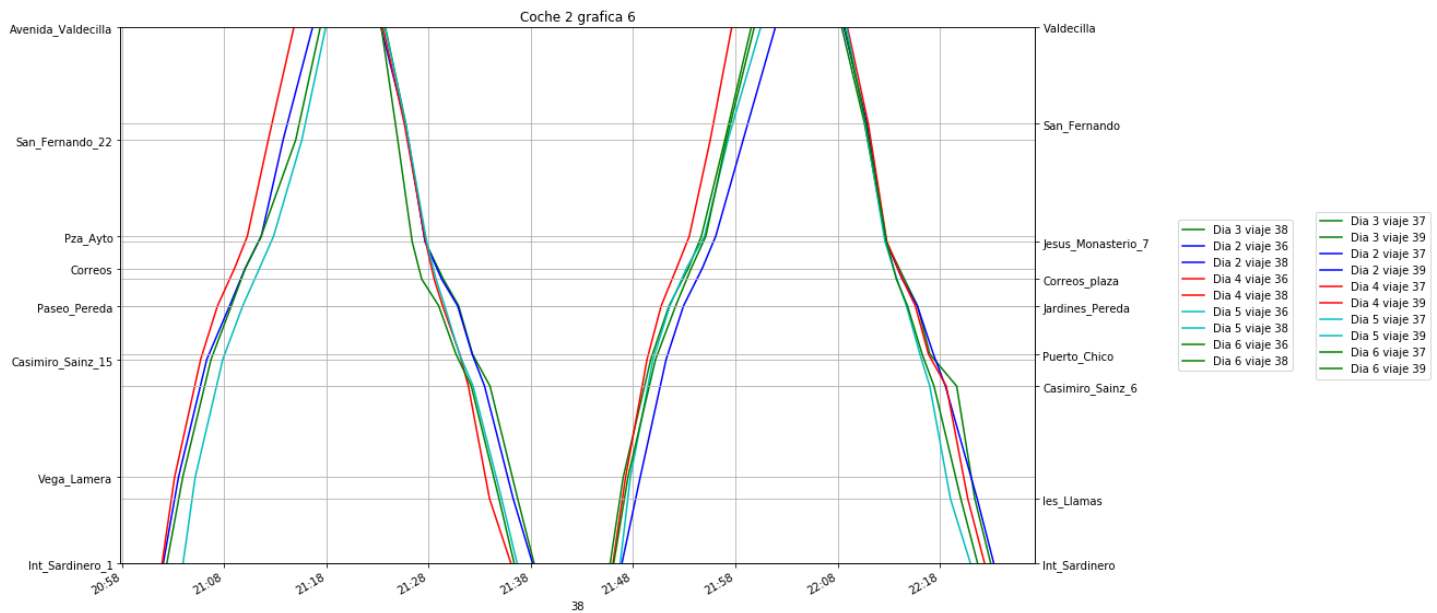
Coche 2 grafica 5

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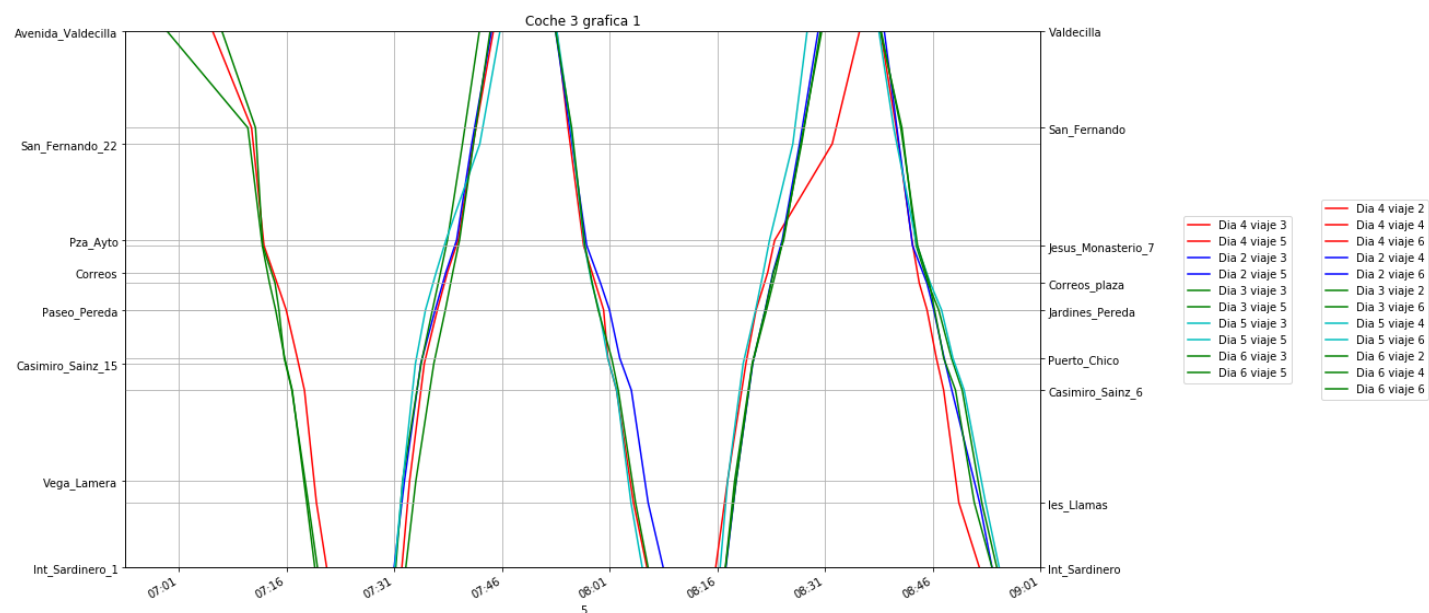
Coche 2 grafica 6

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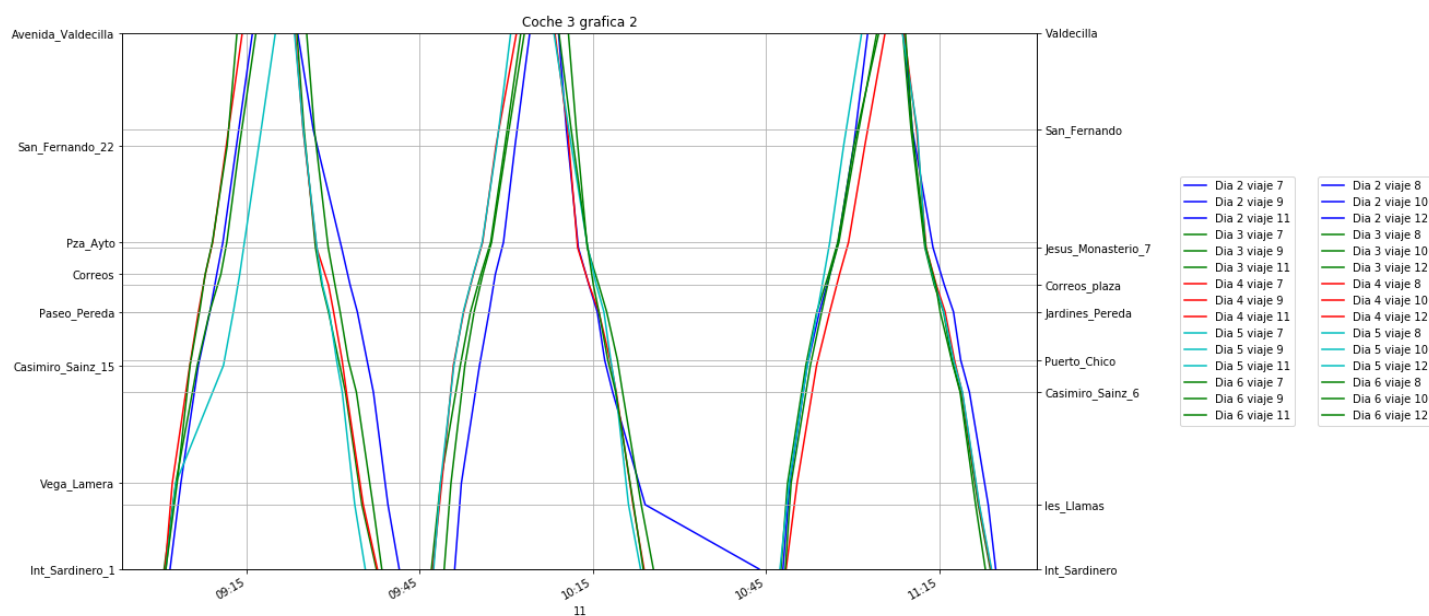
Coche 3 grafica 1

Gráfico evolución:



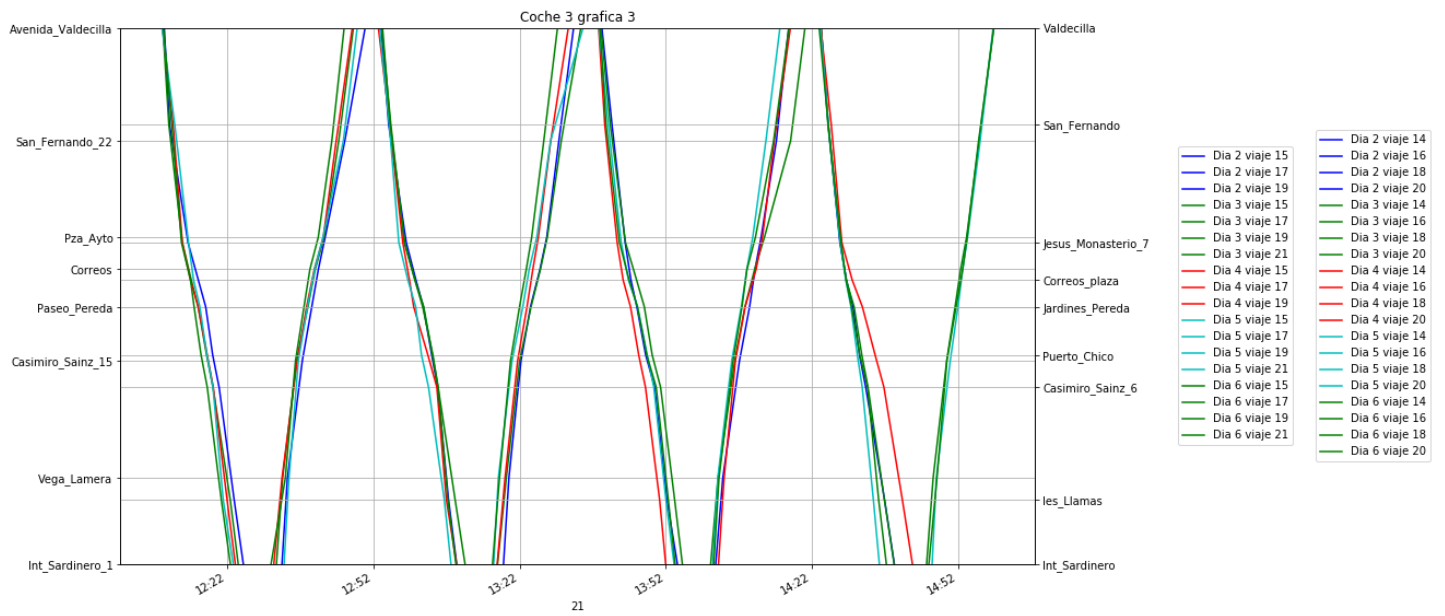
Coche 3 grafica 2

Gráfico evolución:



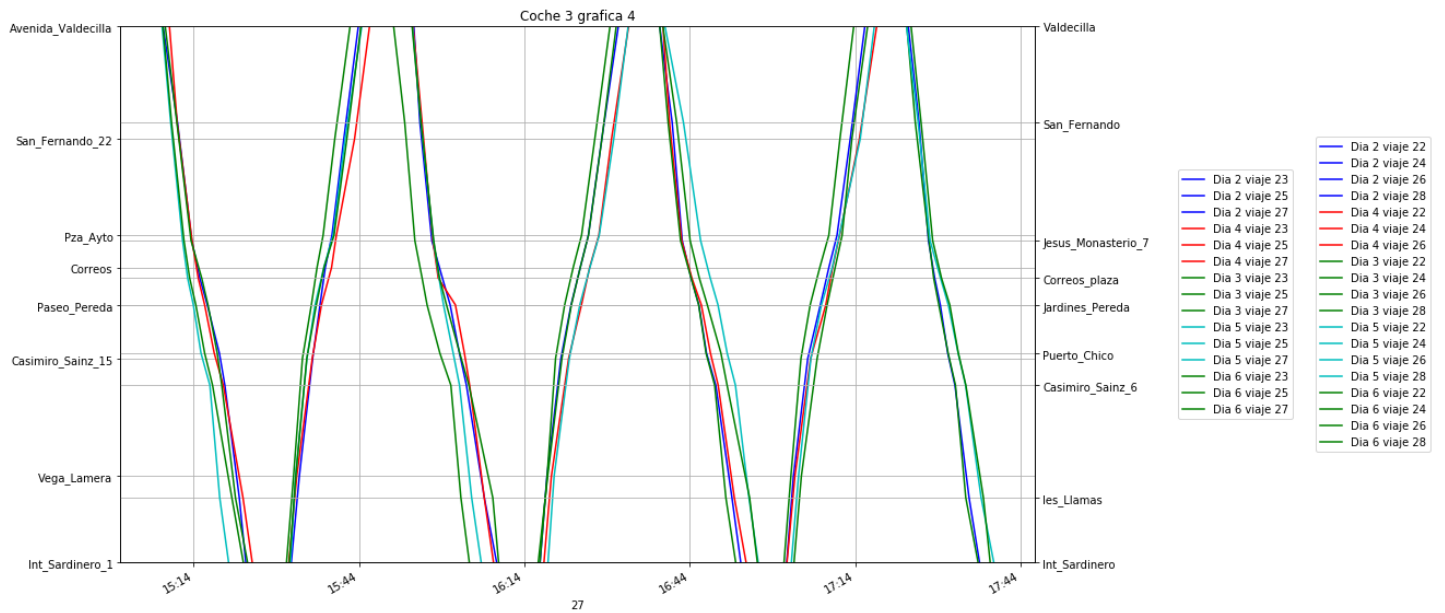
Coche 3 grafica 3

Gráfico evolución:



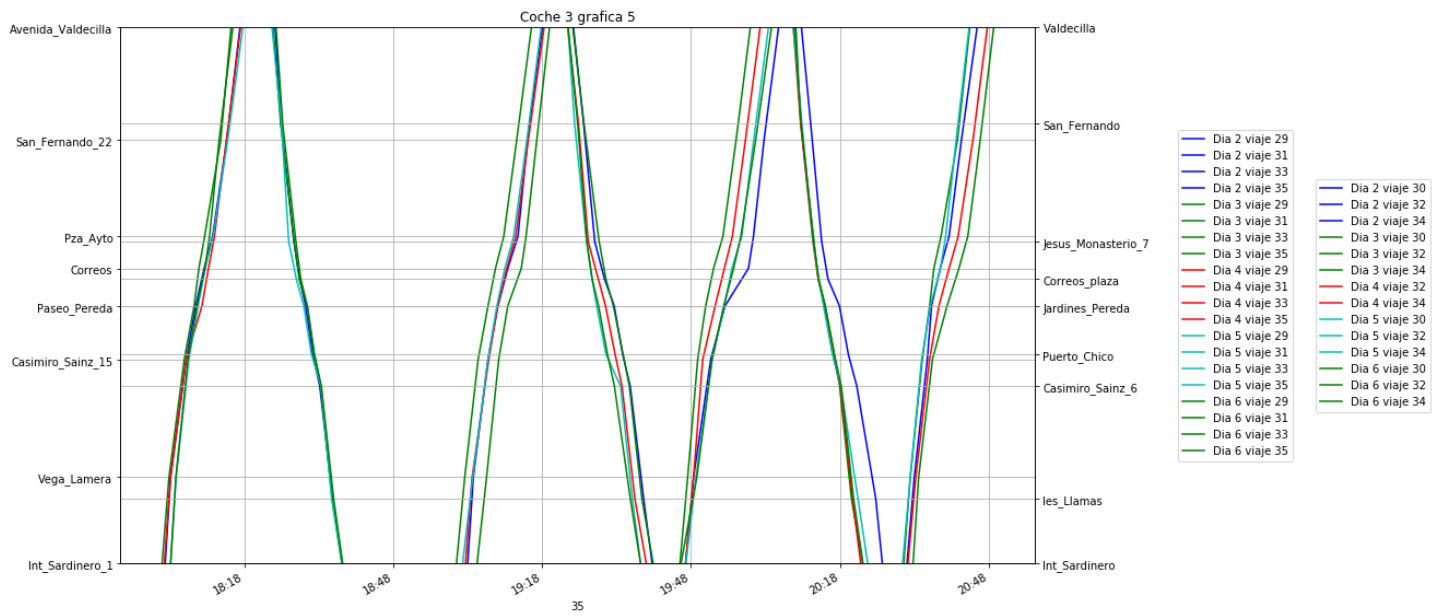
Coche 3 grafica 4

Gráfico evolución:



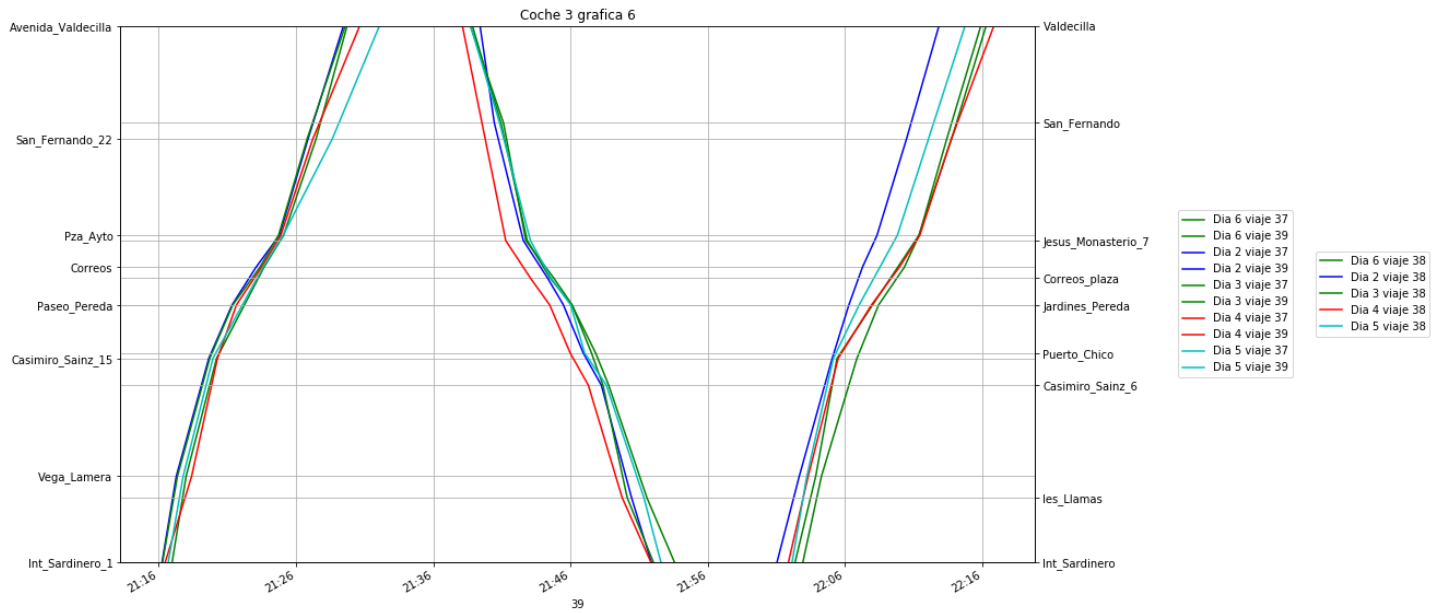
Coche 3 grafica 5

Gráfico evolución:



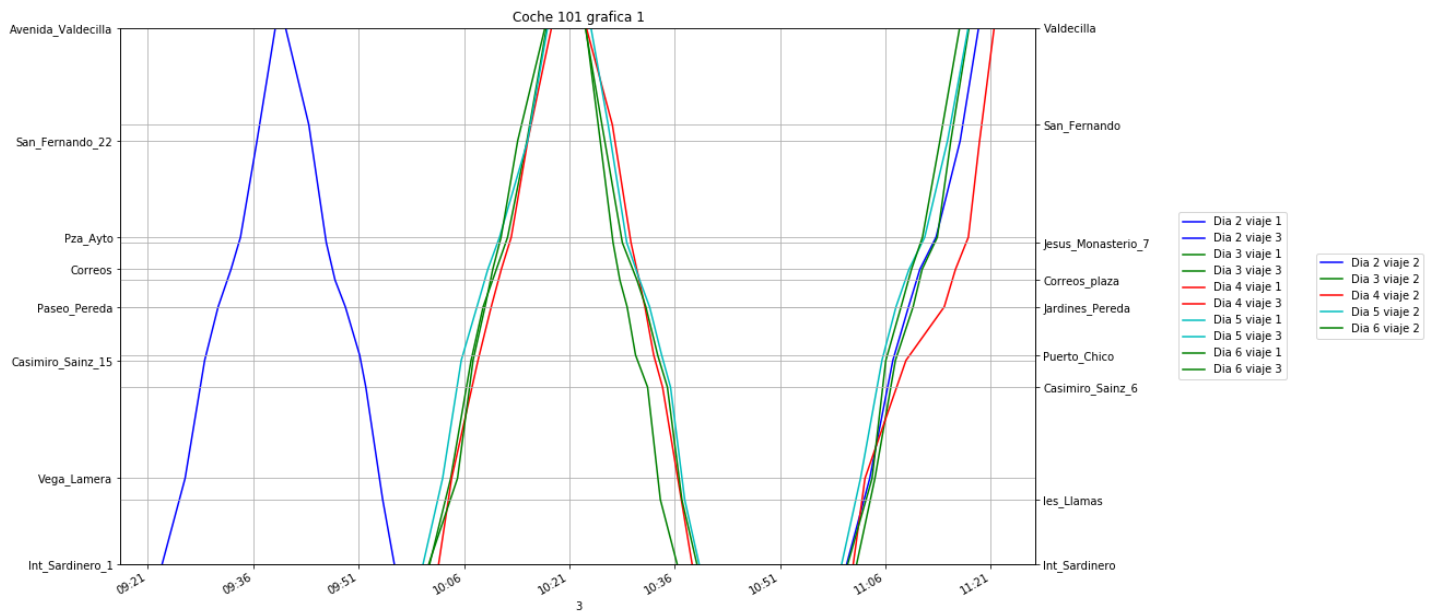
Coche 3 grafica 6

Gráfico evolución:



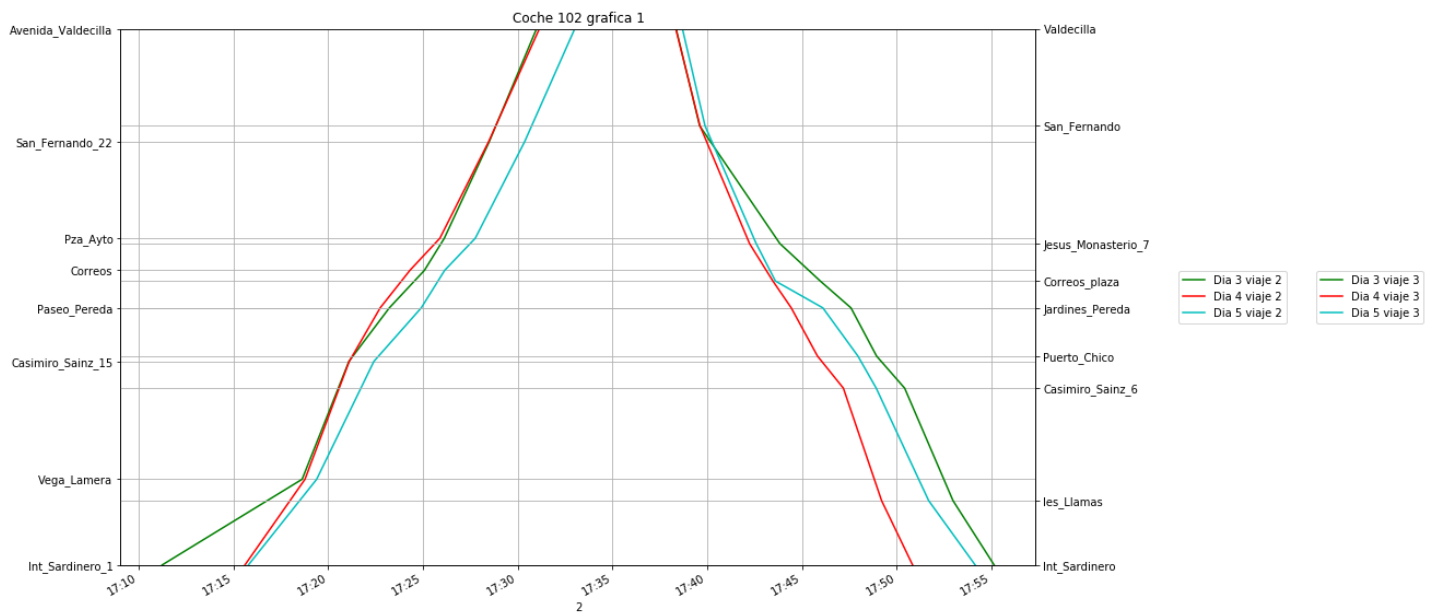
Coche 101 grafica 1

Gráfico evolución:



Coche 102 grafica 1

Gráfico evolución:



Coche 102 grafica 1

Gráfico evolución:

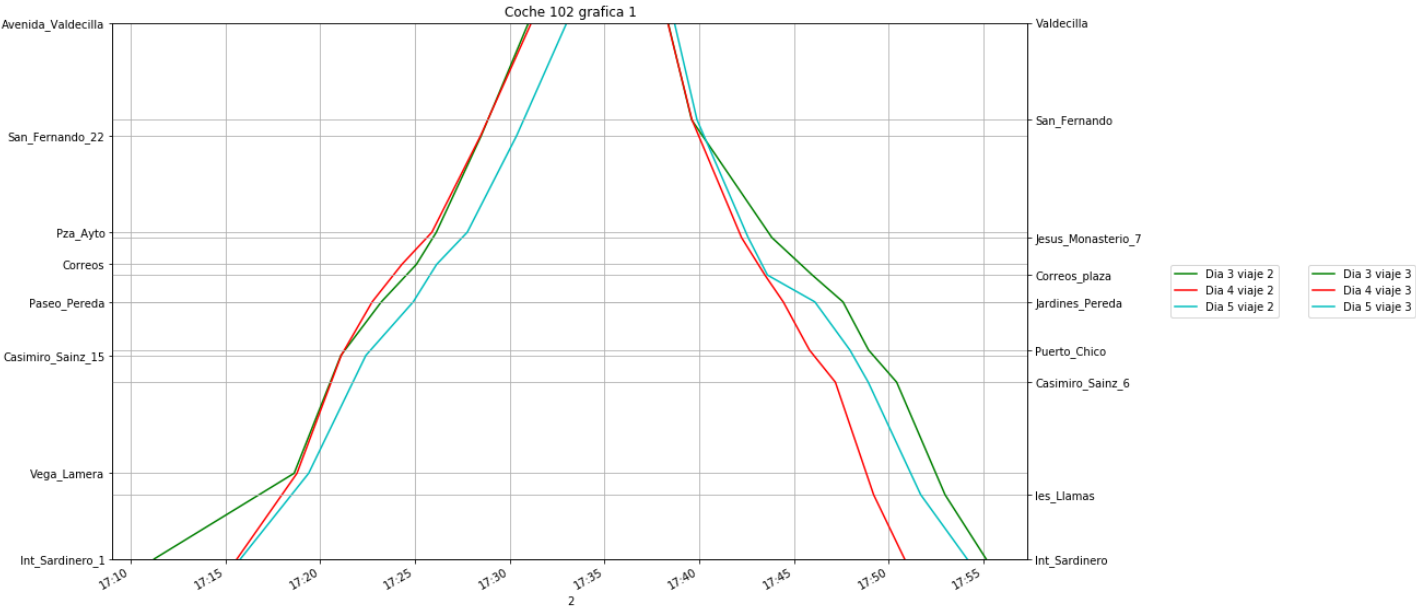


Tabla resumen velocidades y tiempos

coche	sentido	viaje	media tiempo viaje (minutos)	media velocidad comercial (km/h)	desviación tiempo viaje	desviación velocidad comercial
1	Valdecilla_Sardinero	2	21.760000	15.192326	9.986196	4.694069
1	Sardinero_Valdecilla	3	13.840000	21.468100	1.554501	2.513056
1	Valdecilla_Sardinero	4	15.362500	19.776378	3.335204	3.977313
1	Sardinero_Valdecilla	5	13.926667	21.238810	1.203675	1.857162
1	Sardinero_Valdecilla	7	14.053333	21.057081	1.277226	1.886925
1	Valdecilla_Sardinero	8	19.686667	16.765859	9.246541	4.895202
1	Sardinero_Valdecilla	9	14.763333	20.034965	1.271995	1.753081
1	Valdecilla_Sardinero	10	16.883333	17.848219	3.283009	2.989004
1	Sardinero_Valdecilla	11	17.603333	17.378645	4.326170	3.495489
1	Valdecilla_Sardinero	12	16.411111	18.085707	1.899732	2.217581
1	Sardinero_Valdecilla	13	17.350000	17.167201	2.302565	2.096815
1	Valdecilla_Sardinero	14	15.008333	19.626930	0.760787	0.994949
1	Sardinero_Valdecilla	15	16.270000	18.144900	1.213832	1.254787
1	Valdecilla_Sardinero	16	15.796667	18.654505	0.838600	1.012925
1	Sardinero_Valdecilla	17	15.066667	19.673826	1.506099	2.010001
1	Valdecilla_Sardinero	18	16.620000	17.828500	1.624697	1.779744
1	Sardinero_Valdecilla	19	14.804167	19.910769	0.868734	1.171307
1	Valdecilla_Sardinero	20	16.350000	18.223972	2.292621	2.161301
1	Sardinero_Valdecilla	21	13.353333	22.046661	0.536372	0.924035
1	Valdecilla_Sardinero	22	14.076667	20.979708	1.028659	1.611825
1	Sardinero_Valdecilla	23	13.426667	22.005762	1.076233	1.701721
1	Valdecilla_Sardinero	24	15.737500	18.847364	1.707466	2.047217
1	Sardinero_Valdecilla	25	14.110000	20.847798	0.371670	0.546360
1	Valdecilla_Sardinero	26	13.783333	21.465370	1.262328	1.852130
1	Sardinero_Valdecilla	27	14.793333	19.884114	0.372231	0.511619
1	Sardinero_Valdecilla	29	15.730000	18.767187	1.153882	1.310436
1	Valdecilla_Sardinero	30	16.473333	18.148856	2.555457	2.442745
1	Sardinero_Valdecilla	31	15.566667	18.906556	0.592077	0.702983
1	Valdecilla_Sardinero	32	16.700000	17.634436	0.777103	0.797021
1	Sardinero_Valdecilla	33	15.966667	18.461724	0.914998	1.055331
1	Valdecilla_Sardinero	34	15.936667	18.779374	2.596563	2.546672
1	Valdecilla_Sardinero	36	15.136667	19.456479	0.709499	0.892547
1	Sardinero_Valdecilla	37	13.720000	21.439838	0.351268	0.550118
1	Valdecilla_Sardinero	38	13.013333	23.017131	2.079376	3.353644
2	Sardinero_Valdecilla	2	12.963333	22.718447	0.595282	1.064921
2	Valdecilla_Sardinero	3	13.408333	21.926907	0.051819	0.084480
2	Sardinero_Valdecilla	4	13.340000	22.086349	0.689464	1.146303
2	Valdecilla_Sardinero	5	13.790000	21.386602	0.847677	1.359335
2	Valdecilla_Sardinero	7	16.246667	18.131224	0.796032	0.898333
2	Sardinero_Valdecilla	8	14.496667	20.305317	0.564137	0.796639
2	Valdecilla_Sardinero	9	15.113333	19.684839	1.795303	2.450278
2	Sardinero_Valdecilla	10	16.460000	18.187827	2.569414	2.629554
2	Valdecilla_Sardinero	11	15.604167	18.942465	1.271000	1.659861
2	Sardinero_Valdecilla	12	16.976667	17.387523	1.188112	1.244059
2	Sardinero_Valdecilla	14	17.506667	17.083450	2.482819	2.555570
2	Valdecilla_Sardinero	15	16.690000	17.647321	0.779654	0.856188
2	Sardinero_Valdecilla	16	16.833333	17.581831	1.529297	1.605290
2	Valdecilla_Sardinero	17	15.256667	19.425936	1.470761	2.024324
2	Sardinero_Valdecilla	18	14.840000	19.880794	0.991323	1.301524
2	Valdecilla_Sardinero	19	14.636667	20.295479	1.621145	2.371076

coche	sentido	vaje	media tiempo viaje (minutos)	media velocidad comercial (km/h)	desviación tiempo viaje	desviación velocidad comercial
2	Sardinero_Valdecilla	20	14.750000	20.111561	1.632270	2.031057
2	Sardinero_Valdecilla	22	13.520000	21.791187	0.686517	1.123999
2	Valdecilla_Sardinero	23	14.366667	20.534182	0.935934	1.346660
2	Sardinero_Valdecilla	24	14.046667	21.016375	1.011833	1.496947
2	Valdecilla_Sardinero	25	15.663333	18.805252	0.754008	0.917709
2	Sardinero_Valdecilla	26	14.186667	20.776600	0.816701	1.150411
2	Valdecilla_Sardinero	27	19.195833	16.859859	7.819685	5.113031
2	Valdecilla_Sardinero	29	15.366667	19.425301	2.249239	2.676858
2	Sardinero_Valdecilla	30	15.966667	18.508720	1.349743	1.410360
2	Valdecilla_Sardinero	31	15.796667	18.856014	1.973519	2.463932
2	Sardinero_Valdecilla	32	15.363333	19.308230	1.672797	1.978451
2	Valdecilla_Sardinero	33	14.696667	20.173198	1.516044	2.048486
2	Sardinero_Valdecilla	34	14.333333	20.566676	0.804588	1.226615
2	Valdecilla_Sardinero	35	16.293333	18.129773	1.284448	1.358959
2	Sardinero_Valdecilla	36	14.108333	20.908109	0.924211	1.413004
2	Valdecilla_Sardinero	37	13.546667	21.805398	1.050886	1.654647
2	Sardinero_Valdecilla	38	13.573333	21.810822	1.220576	2.102215
2	Valdecilla_Sardinero	39	13.540000	21.826712	1.082731	1.773426
3	Valdecilla_Sardinero	2	16.566667	18.322993	3.683560	3.917296
3	Sardinero_Valdecilla	3	12.863333	23.031410	1.274123	2.222520
3	Valdecilla_Sardinero	4	13.054167	22.689339	1.340631	2.182662
3	Sardinero_Valdecilla	5	14.310000	21.221480	3.228424	3.762359
3	Valdecilla_Sardinero	6	15.416667	19.158352	1.152473	1.475687
3	Sardinero_Valdecilla	7	14.963333	20.092806	2.595359	3.232807
3	Valdecilla_Sardinero	8	14.170000	21.064041	2.052451	2.742851
3	Sardinero_Valdecilla	9	14.040000	21.020336	0.982599	1.433756
3	Valdecilla_Sardinero	10	18.893333	17.446513	8.851339	5.036247
3	Sardinero_Valdecilla	11	15.743333	18.782600	1.327989	1.602476
3	Valdecilla_Sardinero	12	15.073333	19.547326	0.773035	1.041372
3	Valdecilla_Sardinero	14	14.983333	19.682285	0.926763	1.224277
3	Sardinero_Valdecilla	15	15.780000	18.674448	0.858487	0.994987
3	Valdecilla_Sardinero	16	15.660000	18.827571	0.947189	1.109456
3	Sardinero_Valdecilla	17	15.530000	19.195830	2.078174	2.480464
3	Valdecilla_Sardinero	18	15.346667	19.231317	1.049431	1.357277
3	Sardinero_Valdecilla	19	15.646667	19.042849	2.150627	2.309614
3	Valdecilla_Sardinero	20	14.923333	20.116135	2.476714	3.168150
3	Sardinero_Valdecilla	21	13.188889	22.327065	0.640602	1.098952
3	Valdecilla_Sardinero	22	14.306667	20.698181	1.274134	2.082428
3	Sardinero_Valdecilla	23	12.836667	23.049096	1.162994	2.020284
3	Valdecilla_Sardinero	24	14.283333	20.715464	1.248610	1.892523
3	Sardinero_Valdecilla	25	14.180000	20.812500	0.959991	1.463122
3	Valdecilla_Sardinero	26	15.503333	19.097242	1.453224	1.784140
3	Sardinero_Valdecilla	27	14.286667	20.741004	1.426067	2.039330
3	Valdecilla_Sardinero	28	13.987500	21.170253	1.394126	2.029250
3	Sardinero_Valdecilla	29	14.293333	20.678679	1.131653	1.734046
3	Valdecilla_Sardinero	30	13.720833	21.435857	0.318089	0.493892
3	Sardinero_Valdecilla	31	15.283333	19.255782	0.538516	0.679213
3	Valdecilla_Sardinero	32	15.416667	19.107230	0.753234	0.945720
3	Sardinero_Valdecilla	33	16.563333	17.954956	1.965657	2.163388
3	Valdecilla_Sardinero	34	14.423333	20.494131	1.216986	1.638670
3	Sardinero_Valdecilla	35	14.620000	20.257418	1.412907	1.915254
3	Sardinero_Valdecilla	37	13.750000	21.475340	1.038295	1.550276
3	Valdecilla_Sardinero	38	13.610000	21.664340	0.813992	1.310122
3	Sardinero_Valdecilla	39	13.233333	22.366813	1.224405	2.034571
101	Sardinero_Valdecilla	1	16.603333	17.729745	0.672206	0.693624
101	Valdecilla_Sardinero	2	14.946667	19.770116	1.136845	1.647732
101	Sardinero_Valdecilla	3	17.743333	16.705623	1.793607	1.685127
102	Sardinero_Valdecilla	2	16.763333	17.686350	1.796347	1.730130
102	Valdecilla_Sardinero	3	14.894444	20.045290	2.191925	3.129431
102	Sardinero_Valdecilla	4	16.383333	17.963805	0.591491	0.649080