

Predicciones sobre CoViD-19

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DEPARTAMENTO DE ESTATÍSTICA,
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- Predicciones

- Predicciones Fallecidos

Datos

Número de datos funcionales: 2544

Países/Regiones distintos incorporados: 140

Predicciones:

► España

► Andalucía

► Aragón

► Asturias

► I. Balears

► **Canarias**

► **Cantabria**

► **Cataluña**

► **Castilla-La Mancha**

▶ Castilla y León

► C. Valenciana

► Extremadura

▶ País Vasco

▶ Galicia

▶ Madrid

► Murcia

▶ Navarra

► La Rioja

▶ Mod Lineal

▶ Mod NP

► Mod Aditivo

	σ_R^2			$\sigma_R^2(rob.)$			r^2		
Horiz	FLM	NP	SAM	FLM	NP	SAM	FLM	NP	SAM
H1	0.006	0.004	0.006	0.004	0.002	0.004	0.428	0.665	0.448
H2	0.015	0.009	0.014	0.014	0.007	0.013	0.573	0.768	0.601
H3	0.032	0.019	0.03	0.031	0.018	0.029	0.625	0.793	0.652
H4	0.068	0.041	0.063	0.066	0.034	0.059	0.617	0.788	0.646
H5	0.13	0.076	0.119	0.128	0.062	0.113	0.601	0.785	0.633

Último dato: 2020-04-10 21:00 que se publica 2020-04-11 12:00.

Tabla Previsión Confirmados: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	161852	166589	168324	170119	171735	171721
Andalucía	9712	9947	10156	10333	10507	10668
Aragón	3969	4093	4201	4304	4417	4525
Asturias	1827	1868	1909	1948	1988	2029
Islas.Baleares	1507	1539	1563	1587	1615	1644
Canarias	1887	1929	1962	1993	2027	2062
Cantabria	1719	1768	1815	1864	1921	1977
Castilla.La.Mancha	13456	14039	14594	15154	15753	16376
Castilla.y.León	11543	12017	12463	12945	13489	14054
Cataluña	32984	34100	35122	36159	37248	38371
Ceuta	93	95	98	99	99	98
Comunidad.Valenciana	8578	8830	9052	9279	9541	9790
Extremadura	2486	2572	2659	2758	2872	2989
Galicia	7176	7379	7552	7700	7852	7988
Madrid	45849	47111	48050	48957	49878	50764
Melilla	98	101	103	106	108	111
Murcia	1413	1445	1473	1500	1529	1560
Navarra	3817	3935	4047	4161	4286	4419
País.Vasco	10515	10860	11182	11527	11912	12308
La.Rioja	3223	3331	3436	3540	3650	3764

Table: Previsión Confirmados: Mod. Lineal - Horizonte 1 – 5 días.

Tabla Previsión Confirmados: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	161852	166258	170875	175544	181034	186885
Andalucía	9712	9929	10156	10392	10672	10962
Aragón	3969	4079	4200	4329	4485	4650
Asturias	1827	1860	1892	1925	1964	2008
Islas.Baleares	1507	1533	1558	1584	1614	1647
Canarias	1887	1922	1957	1992	2032	2074
Cantabria	1719	1754	1789	1824	1866	1912
Castilla.La.Mancha	13456	14022	14589	15164	15795	16457
Castilla.y.León	11543	11944	12383	12813	13318	13856
Cataluña	32984	34045	35131	36245	37537	38931
Ceuta	93	97	100	104	108	112
Comunidad.Valenciana	8578	8752	8958	9156	9383	9616
Extremadura	2486	2545	2600	2662	2738	2829
Galicia	7176	7382	7592	7829	8121	8423
Madrid	45849	47023	48216	49460	50912	52473
Melilla	98	101	104	106	110	113
Murcia	1413	1438	1461	1486	1515	1548
Navarra	3817	3916	4015	4118	4238	4368
País.Vasco	10515	10788	11057	11338	11671	12035
La.Rioja	3223	3316	3415	3511	3623	3742

Table: Previsión Confirmados: Mod. No Paramétrico - Horizonte 1 – 5 días.

Tabla Previsión Confirmados: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	161852	166894	173420	179333	186596	194190
Andalucía	9712	9915	10183	10429	10708	11042
Aragón	3969	4088	4230	4360	4507	4663
Asturias	1827	1865	1921	1972	2030	2089
Islas.Baleares	1507	1541	1586	1637	1708	1781
Canarias	1887	1929	1979	2033	2106	2175
Cantabria	1719	1770	1838	1914	2006	2092
Castilla.La.Mancha	13456	14031	14643	15139	15624	16207
Castilla.y.León	11543	12044	12661	13236	13921	14577
Cataluña	32984	34096	35552	36902	38645	40419
Ceuta	93	95	100	107	113	118
Comunidad.Valenciana	8578	8838	9189	9583	10055	10536
Extremadura	2486	2578	2722	2860	3026	3184
Galicia	7176	7360	7567	7737	7927	8142
Madrid	45849	47078	48697	50172	52179	54296
Melilla	98	100	104	106	109	112
Murcia	1413	1444	1487	1529	1580	1632
Navarra	3817	3936	4091	4236	4422	4599
País.Vasco	10515	10869	11381	11831	12386	12900
La.Rioja	3223	3314	3436	3531	3643	3741

Table: Previsión número de casos confirmados: Mod. Aditivo - Horizonte 1 – 5 días.

Tabla Ratio Incr. Confirmados: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	0.034	0.029	0.040	0.051	0.061	0.061
Andalucía	0.025	0.024	0.046	0.064	0.082	0.098
Aragón	0.037	0.031	0.059	0.084	0.113	0.140
Asturias	0.023	0.023	0.045	0.066	0.088	0.110
Islas.Baleares	0.023	0.022	0.037	0.053	0.071	0.091
Canarias	0.022	0.022	0.040	0.056	0.074	0.093
Cantabria	0.032	0.029	0.056	0.085	0.117	0.150
Castilla.La.Mancha	0.046	0.043	0.085	0.126	0.171	0.217
Castilla.y.León	0.047	0.041	0.080	0.121	0.169	0.218
Cataluña	0.037	0.034	0.065	0.096	0.129	0.163
Ceuta	0.033	0.021	0.049	0.059	0.059	0.055
Comunidad.Valenciana	0.036	0.029	0.055	0.082	0.112	0.141
Extremadura	0.042	0.035	0.070	0.109	0.155	0.202
Galicia	0.032	0.028	0.052	0.073	0.094	0.113
Madrid	0.029	0.028	0.048	0.068	0.088	0.107
Melilla	0.022	0.026	0.055	0.081	0.104	0.129
Murcia	0.023	0.022	0.042	0.061	0.082	0.104
Navarra	0.033	0.031	0.060	0.090	0.123	0.158
País.Vasco	0.037	0.033	0.063	0.096	0.133	0.170
La.Rioja	0.033	0.033	0.066	0.098	0.133	0.168

Table: Previsión Ratio Incr. Confirmados: Mod. lineal - Horizonte 1 – 5 días.

Tabla Ratio Incr. Confirmados: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	0.034	0.027	0.056	0.085	0.119	0.155
Andalucía	0.025	0.022	0.046	0.070	0.099	0.129
Aragón	0.037	0.028	0.058	0.091	0.130	0.172
Asturias	0.023	0.018	0.035	0.054	0.075	0.099
Islas.Baleares	0.023	0.017	0.034	0.051	0.071	0.093
Canarias	0.022	0.018	0.037	0.056	0.077	0.099
Cantabria	0.032	0.021	0.041	0.061	0.085	0.112
Castilla.La.Mancha	0.046	0.042	0.084	0.127	0.174	0.223
Castilla.y.León	0.047	0.035	0.073	0.110	0.154	0.200
Cataluña	0.037	0.032	0.065	0.099	0.138	0.180
Ceuta	0.033	0.042	0.076	0.114	0.158	0.206
Comunidad.Valenciana	0.036	0.020	0.044	0.067	0.094	0.121
Extremadura	0.042	0.024	0.046	0.071	0.101	0.138
Galicia	0.032	0.029	0.058	0.091	0.132	0.174
Madrid	0.029	0.026	0.052	0.079	0.110	0.144
Melilla	0.022	0.028	0.056	0.085	0.118	0.155
Murcia	0.023	0.018	0.034	0.052	0.072	0.096
Navarra	0.033	0.026	0.052	0.079	0.110	0.144
País.Vasco	0.037	0.026	0.052	0.078	0.110	0.145
La.Rioja	0.033	0.029	0.059	0.089	0.124	0.161

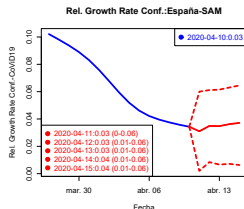
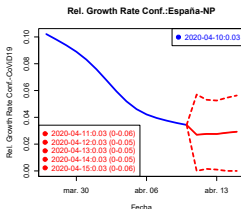
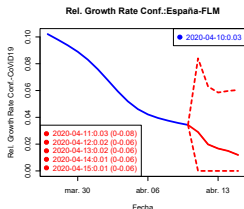
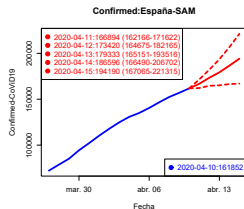
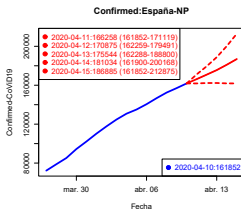
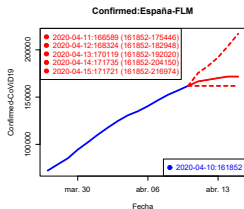
Table: Previsión Ratio Incr. Confirmados: Mod. No Paramétrico - Horizonte 1
– 5 días.

Tabla Ratio Incr. Confirmados: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	0.034	0.031	0.071	0.108	0.153	0.200
Andalucía	0.025	0.021	0.049	0.074	0.103	0.137
Aragón	0.037	0.030	0.066	0.099	0.135	0.175
Asturias	0.023	0.021	0.051	0.079	0.111	0.143
Islas.Baleares	0.023	0.023	0.052	0.086	0.133	0.181
Canarias	0.022	0.022	0.049	0.077	0.116	0.152
Cantabria	0.032	0.030	0.069	0.114	0.167	0.217
Castilla.La.Mancha	0.046	0.043	0.088	0.125	0.161	0.204
Castilla.y.León	0.047	0.043	0.097	0.147	0.206	0.263
Cataluña	0.037	0.034	0.078	0.119	0.172	0.225
Ceuta	0.033	0.018	0.079	0.147	0.208	0.264
Comunidad.Valenciana	0.036	0.030	0.071	0.117	0.172	0.228
Extremadura	0.042	0.037	0.095	0.150	0.217	0.281
Galicia	0.032	0.026	0.054	0.078	0.105	0.135
Madrid	0.029	0.027	0.062	0.094	0.138	0.184
Melilla	0.022	0.020	0.056	0.083	0.114	0.139
Murcia	0.023	0.022	0.052	0.082	0.118	0.155
Navarra	0.033	0.031	0.072	0.110	0.158	0.205
País.Vasco	0.037	0.034	0.082	0.125	0.178	0.227
La.Rioja	0.033	0.028	0.066	0.095	0.130	0.161

Table: Previsión Ratio Incr. Confirmados: Mod. Aditivo - Horizonte 1 – 5 días.

Confirmados: España

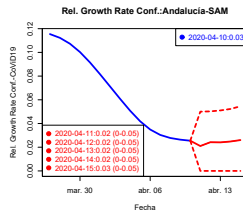
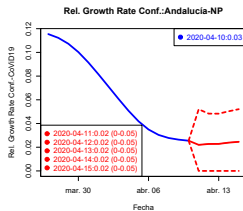
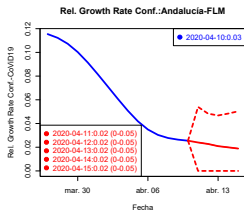
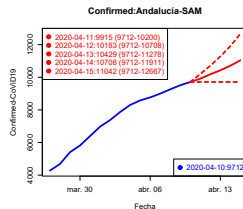
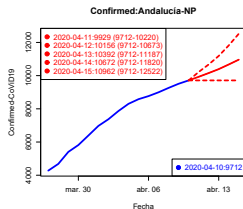
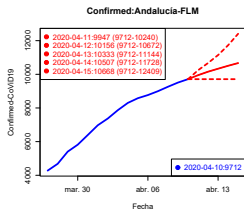


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Andalucía

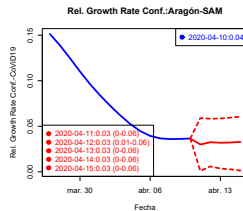
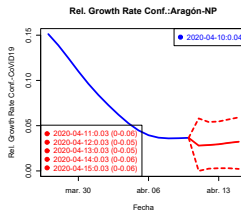
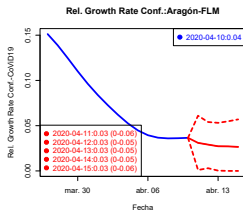
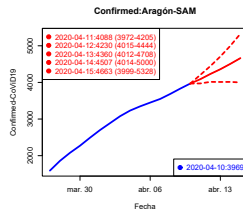
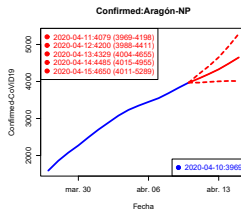
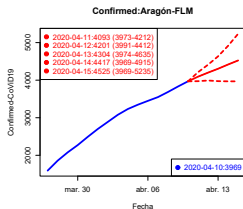


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Aragón

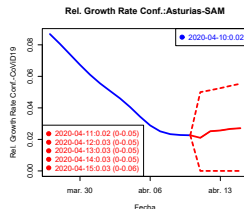
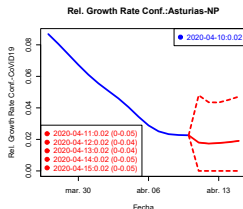
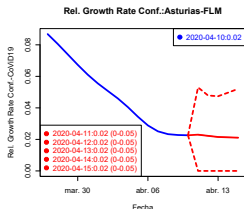
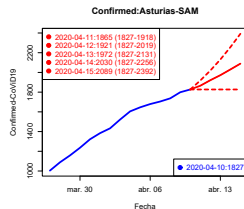
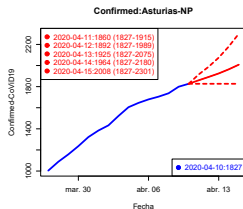
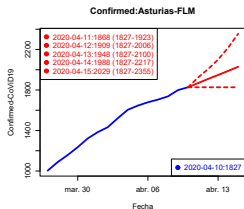


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Asturias

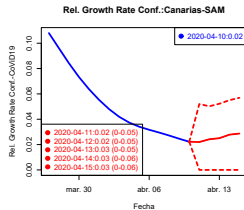
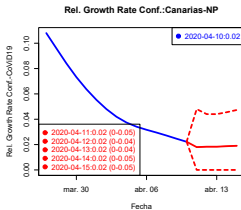
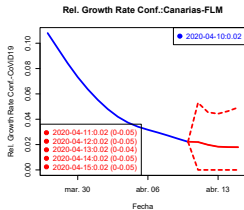
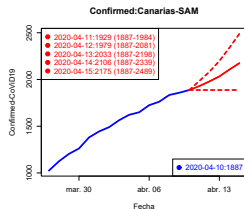
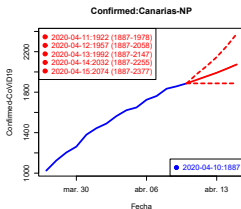
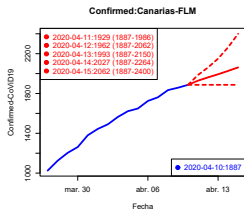


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

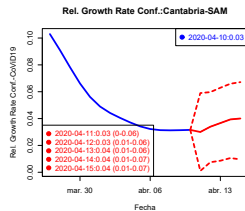
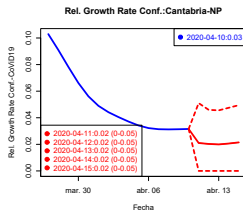
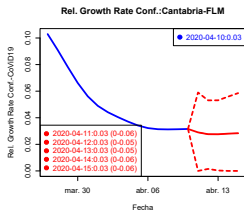
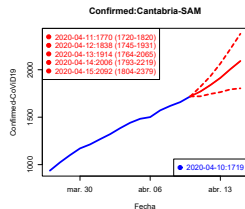
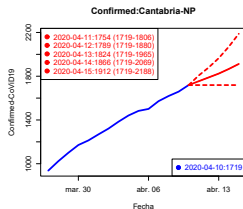
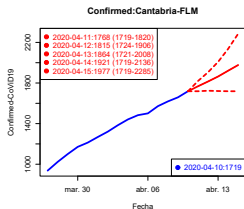
◀ Fallecidos

Confirmados: Canarias



Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

Confirmados: Cantabria

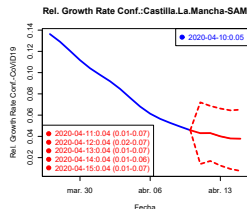
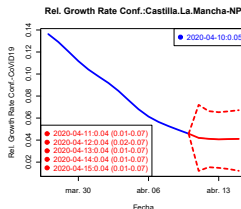
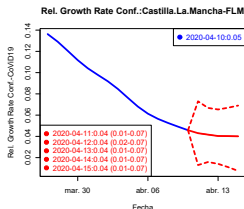
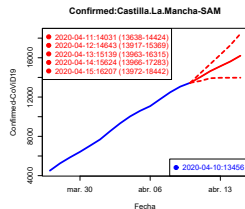
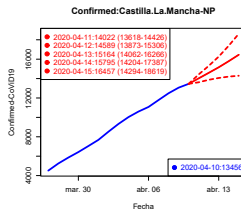
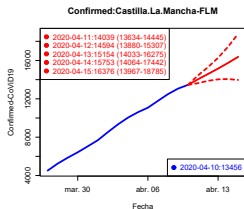


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Castilla-La Mancha

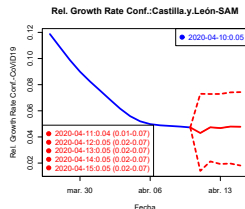
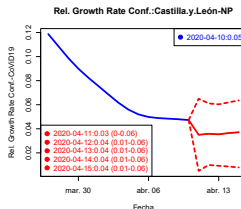
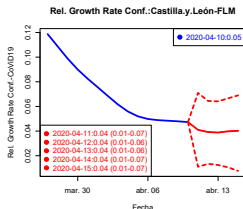
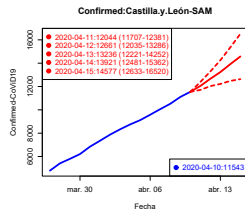
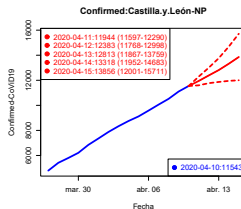
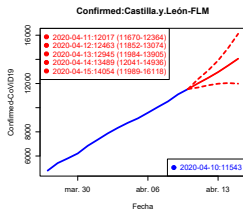


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Castilla y León

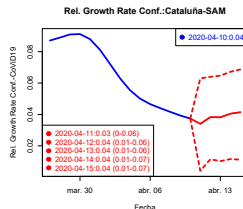
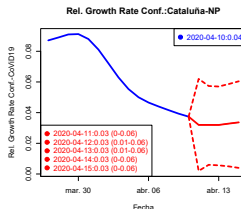
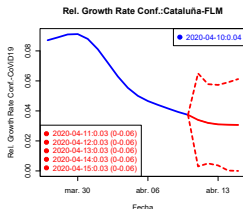
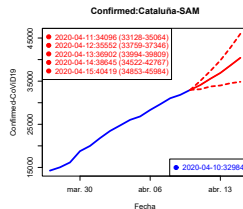
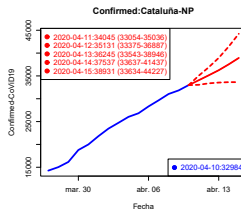
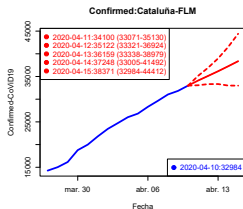


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Cataluña



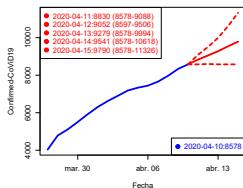
Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

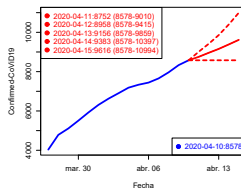
◀ Fallecidos

Confirmados: C. Valenciana

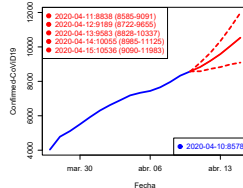
Confirmed:Comunidad.Valenciana-FLM



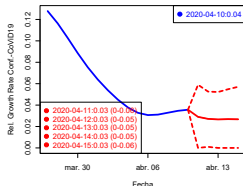
Confirmed:Comunidad.Valenciana-NP



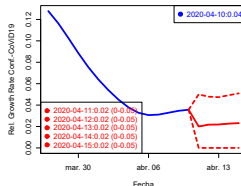
Confirmed:Comunidad.Valenciana-SAM



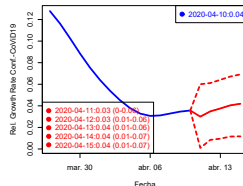
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Rel. Growth Rate Conf.:Comunidad.Valenciana-NP



Rel. Growth Rate Conf.:Comunidad.Valenciana-SAM

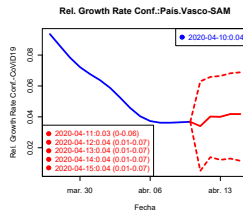
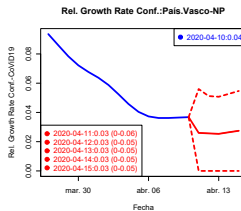
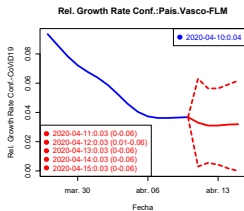
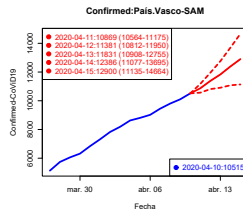
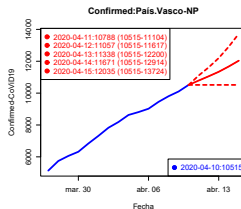
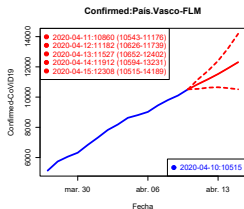


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: País Vasco

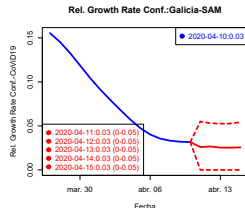
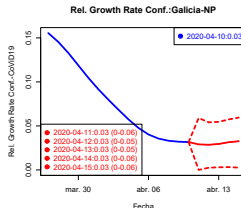
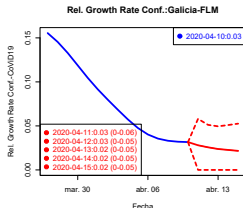
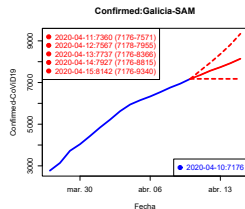
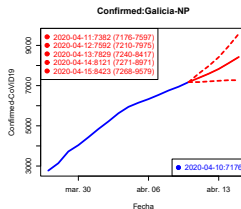
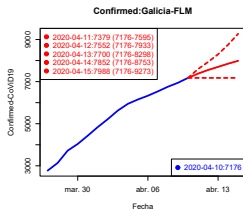


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

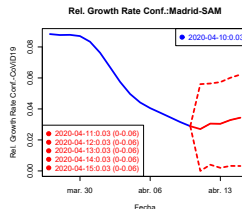
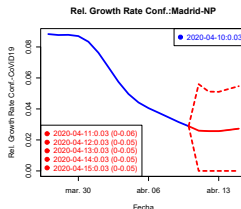
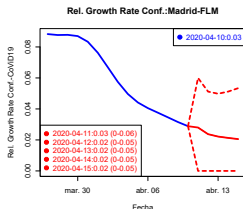
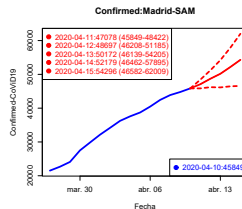
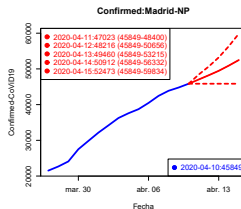
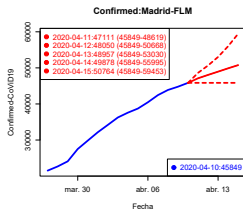
◀ Fallecidos

Confirmados: Galicia



Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

Confirmados: Madrid

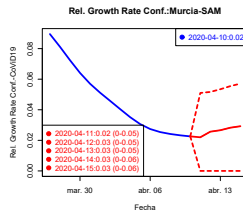
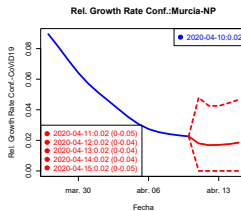
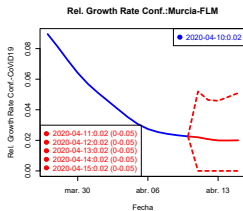
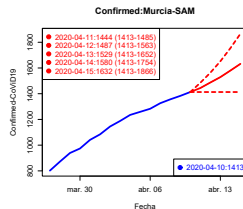
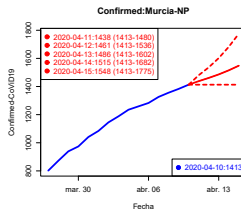
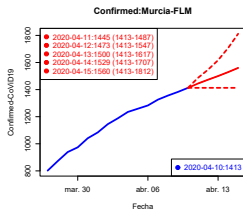


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Murcia

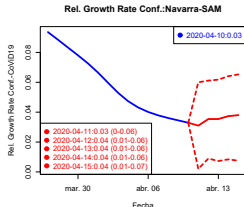
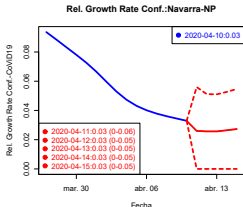
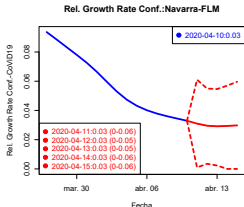
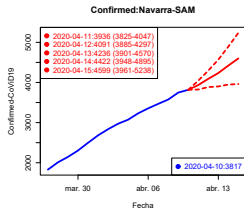
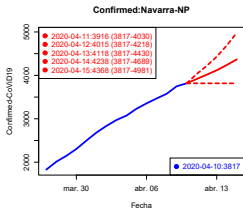
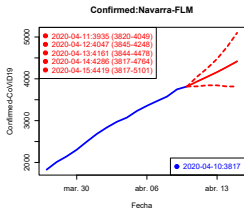


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Navarra

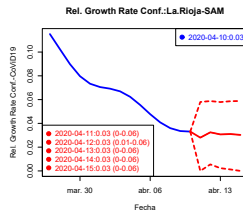
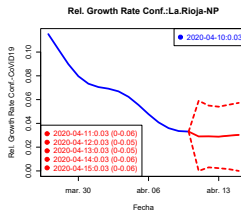
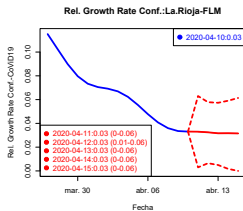
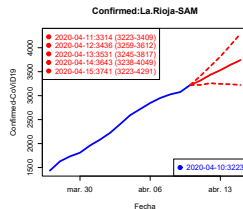
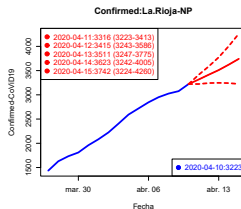
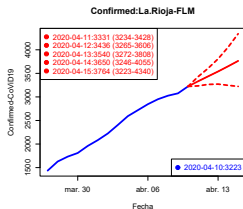


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: La Rioja



Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

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 - Predicciones

- 2 Fallecidos
 - Predicciones Fallecidos

Modelos para fallecidos por CoViD-19

Número de datos funcionales: 3686

Países/Regiones distintos incorporados: 76

Predicciones:

▶ España

▶ Andalucía

▶ Aragón

▶ Asturias

▶ I. Baleares

▶ Canarias

▶ Cantabria

▶ Castilla-La Mancha

▶ Castilla y León

▶ Cataluña

▶ C. Valenciana

▶ Extremadura

▶ País Vasco

▶ Galicia

▶ Madrid

▶ Murcia

▶ Navarra

▶ La Rioja

▶ Mod Lineal

▶ Mod NP

▶ Mod Aditivo

	σ_R^2			$\sigma_R^2(rob.)$			r^2		
Horiz	FLM	NP	SAM	FLM	NP	SAM	FLM	NP	SAM
H1	0.044	0.011	0.042	0.04	0.004	0.03	0.108	0.828	0.149
H2	0.124	0.032	0.118	0.107	0.016	0.108	0.174	0.834	0.212
H3	0.287	0.077	0.273	0.251	0.066	0.226	0.2	0.832	0.236
H4	0.63	0.192	0.595	0.509	0.11	0.489	0.205	0.81	0.247
H5	1.307	0.407	1.229	0.827	0.17	0.838	0.205	0.806	0.25

Tabla Previsión Fallecidos: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	16353	16725	17049	17282	17354	17234
Andalucía	737	766	795	818	832	833
Aragón	425	434	438	437	425	425
Asturias	128	132	135	139	139	135
Islas.Baleares	102	103	104	104	102	102
Canarias	95	95	95	95	95	95
Cantabria	107	110	113	117	117	114
Castilla.La.Mancha	1483	1533	1579	1620	1638	1637
Castilla.y.León	1180	1197	1204	1199	1180	1180
Cataluña	3331	3367	3381	3373	3331	3331
Ceuta	4	4	4	4	4	4
Comunidad.Valenciana	818	835	850	854	850	835
Extremadura	303	305	306	303	303	303
Galicia	261	270	279	285	287	284
Madrid	6084	6219	6345	6450	6534	6594
Melilla	2	2	2	2	2	3
Murcia	94	95	94	94	94	94
Navarra	227	228	227	227	227	227
País.Vasco	765	793	822	849	872	886
La.Rioja	207	217	227	236	246	256

Table: Previsión fallecidos: Mod. lineal - Horizonte 1 – 5 días.

Tabla Previsión Fallecidos: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	16353	17153	18211	19471	21360	23756
Andalucía	737	772	819	875	963	1081
Aragón	425	447	475	507	553	616
Asturias	128	132	137	144	156	172
Islas.Baleares	102	105	110	115	127	141
Canarias	95	99	104	110	122	138
Cantabria	107	111	116	122	134	150
Castilla.La.Mancha	1483	1587	1701	1827	1977	2148
Castilla.y.León	1180	1248	1333	1430	1566	1732
Cataluña	3331	3501	3716	3974	4332	4772
Ceuta	4	4	5	5	5	5
Comunidad.Valenciana	818	856	914	979	1097	1256
Extremadura	303	310	320	331	353	381
Galicia	261	275	291	309	336	370
Madrid	6084	6352	6714	7157	7833	8691
Melilla	2	2	2	2	3	3
Murcia	94	96	100	105	114	125
Navarra	227	236	250	265	291	324
País.Vasco	765	795	837	886	970	1076
La.Rioja	207	218	232	247	271	300

Table: Previsión fallecidos: Mod. No Paramétrico - Horizonte 1 – 5 días.

Tabla Previsión Fallecidos: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	16353	16894	17637	18042	19027	19799
Andalucía	737	771	810	828	909	944
Aragón	425	425	425	425	425	425
Asturias	128	133	140	143	153	157
Islas.Baleares	102	102	102	102	102	102
Canarias	95	95	95	95	95	95
Cantabria	107	108	109	107	113	111
Castilla.La.Mancha	1483	1543	1626	1698	1730	1759
Castilla.y.León	1180	1191	1205	1189	1202	1180
Cataluña	3331	3376	3437	3437	3520	3502
Ceuta	4	4	4	4	4	4
Comunidad.Valenciana	818	829	847	837	871	891
Extremadura	303	304	305	303	303	303
Galicia	261	265	270	270	284	285
Madrid	6084	6325	6666	6917	7405	7900
Melilla	2	2	2	2	3	3
Murcia	94	94	94	94	94	94
Navarra	227	227	228	227	227	227
País.Vasco	765	806	856	883	960	1015
La.Rioja	207	221	236	245	269	290

Table: Previsión fallecidos: Mod. Aditivo - Horizonte 1 – 5 días.

Tabla Ratio Incr. Fallecidos: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	0.041	0.023	0.043	0.057	0.061	0.054
Andalucía	0.076	0.040	0.078	0.109	0.129	0.131
Aragón	0.071	0.021	0.032	0.028	0.000	0.000
Asturias	0.077	0.031	0.058	0.083	0.084	0.057
Islas.Baleares	0.052	0.011	0.018	0.015	0.000	0.000
Canarias	0.018	0.000	0.000	0.000	0.000	0.000
Cantabria	0.057	0.028	0.060	0.089	0.091	0.060
Castilla.La.Mancha	0.057	0.034	0.065	0.092	0.105	0.104
Castilla.y.León	0.048	0.015	0.020	0.016	0.000	0.000
Cataluña	0.034	0.011	0.015	0.013	0.000	0.000
Ceuta	0.019	0.011	0.000	0.000	0.000	0.000
Comunidad.Valenciana	0.044	0.021	0.039	0.044	0.039	0.020
Extremadura	0.044	0.008	0.008	0.001	0.000	0.000
Galicia	0.067	0.034	0.069	0.092	0.099	0.086
Madrid	0.030	0.022	0.043	0.060	0.074	0.084
Melilla	0.000	0.021	0.050	0.074	0.124	0.197
Murcia	0.048	0.007	0.002	0.000	0.000	0.000
Navarra	0.034	0.003	0.000	0.000	0.000	0.000
País.Vasco	0.064	0.037	0.075	0.110	0.140	0.158
La.Rioja	0.065	0.046	0.095	0.139	0.187	0.235

Table: Previsión Ratio Incr. Fallecidos: Mod. lineal - Horizonte 1 – 5 días.

Tabla Ratio Incr. Fallecidos: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	0.041	0.049	0.114	0.191	0.306	0.453
Andalucía	0.076	0.047	0.111	0.188	0.307	0.466
Aragón	0.071	0.052	0.117	0.191	0.301	0.448
Asturias	0.077	0.028	0.071	0.122	0.218	0.341
Islas.Baleares	0.052	0.030	0.078	0.131	0.242	0.383
Canarias	0.018	0.037	0.094	0.159	0.286	0.449
Cantabria	0.057	0.033	0.085	0.140	0.254	0.396
Castilla.La.Mancha	0.057	0.070	0.147	0.232	0.333	0.448
Castilla.y.León	0.048	0.058	0.129	0.212	0.327	0.468
Cataluña	0.034	0.051	0.115	0.193	0.300	0.432
Ceuta	0.019	0.065	0.127	0.168	0.211	0.259
Comunidad.Valenciana	0.044	0.046	0.117	0.196	0.340	0.534
Extremadura	0.044	0.022	0.055	0.093	0.165	0.256
Galicia	0.067	0.052	0.113	0.185	0.285	0.418
Madrid	0.030	0.044	0.104	0.176	0.288	0.428
Melilla	0.000	0.041	0.091	0.154	0.240	0.346
Murcia	0.048	0.026	0.067	0.113	0.206	0.324
Navarra	0.034	0.041	0.100	0.169	0.282	0.425
País.Vasco	0.064	0.039	0.094	0.158	0.268	0.406
La.Rioja	0.065	0.052	0.118	0.194	0.307	0.446

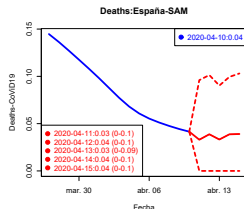
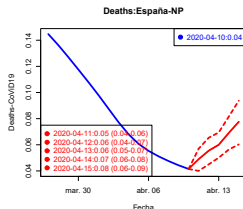
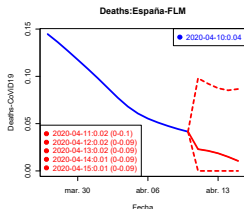
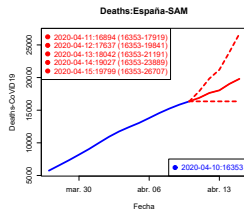
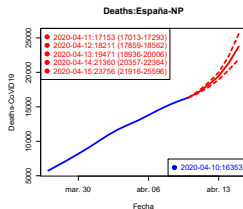
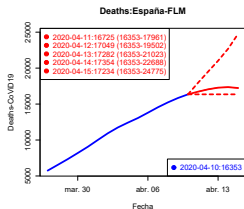
Table: Previsión Ratio Incr. Fallecidos: Mod. No Paramétrico - Horizonte 1 – 5 días.

Tabla Ratio Incr. Fallecidos: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	0.041	0.033	0.079	0.103	0.164	0.211
Andalucía	0.076	0.046	0.099	0.124	0.232	0.281
Aragón	0.071	0.000	0.000	0.000	0.000	0.000
Asturias	0.077	0.041	0.094	0.115	0.196	0.223
Islas.Baleares	0.052	0.000	0.000	0.000	0.000	0.000
Canarias	0.018	0.000	0.000	0.000	0.000	0.000
Cantabria	0.057	0.011	0.022	0.000	0.053	0.040
Castilla.La.Mancha	0.057	0.041	0.096	0.145	0.166	0.186
Castilla.y.León	0.048	0.009	0.021	0.008	0.019	0.000
Cataluña	0.034	0.014	0.032	0.032	0.057	0.051
Ceuta	0.019	0.025	0.067	0.078	0.017	0.000
Comunidad.Valenciana	0.044	0.014	0.036	0.023	0.064	0.090
Extremadura	0.044	0.004	0.007	0.000	0.000	0.000
Galicia	0.067	0.016	0.034	0.034	0.087	0.093
Madrid	0.030	0.040	0.096	0.137	0.217	0.298
Melilla	0.000	0.046	0.101	0.143	0.262	0.418
Murcia	0.048	0.000	0.000	0.000	0.000	0.000
Navarra	0.034	0.000	0.003	0.000	0.000	0.000
País.Vasco	0.064	0.053	0.119	0.154	0.255	0.327
La.Rioja	0.065	0.065	0.139	0.184	0.300	0.398

Table: Previsión Ratio Incr. Fallecidos: Mod. Aditivo - Horizonte 1 – 5 días.

Fallecidos: España

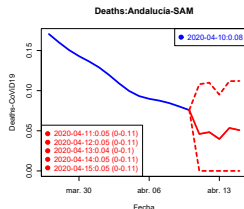
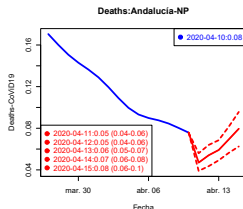
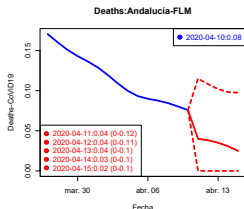
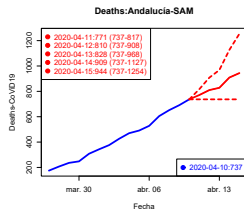
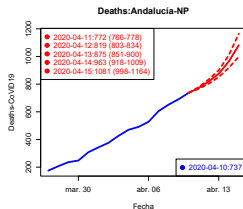
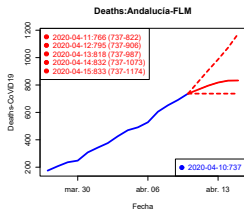


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

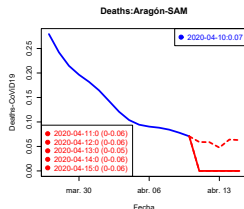
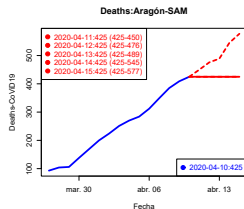
Fallecidos: Andalucía



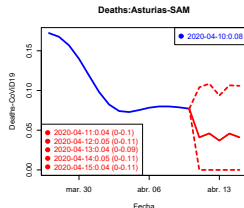
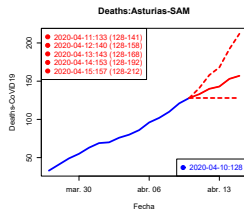
Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

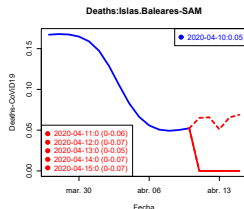
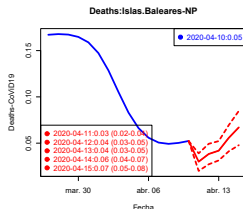
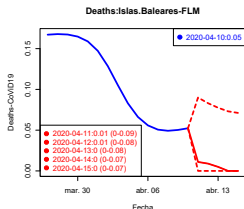
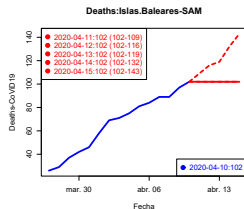
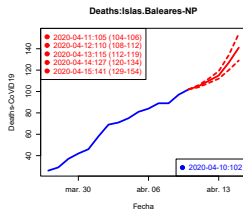
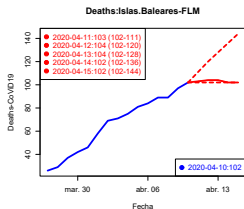


◀ Confirmados ◀ Fallecidos



◀ Confirmados ◀ Fallecidos

Fallecidos: Islas Baleares

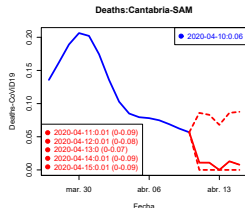
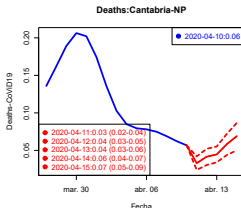
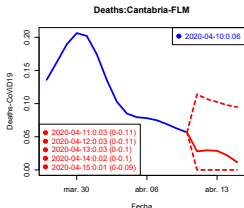
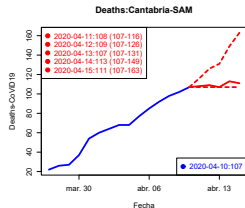
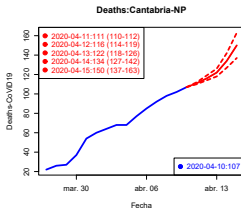
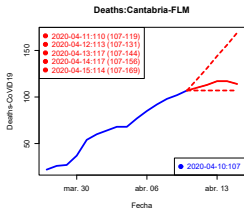


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Cantabria

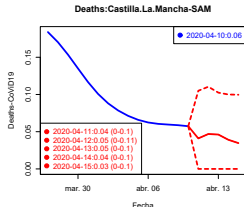
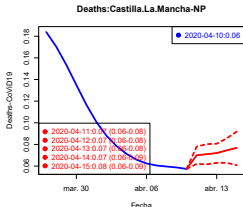
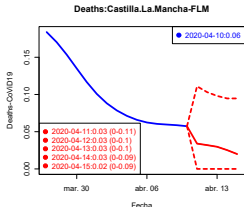
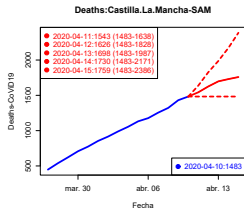
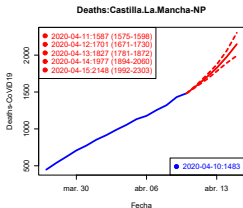
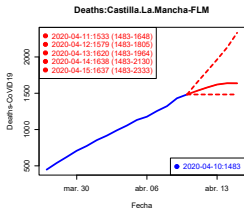


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

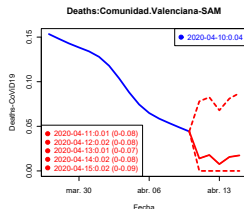
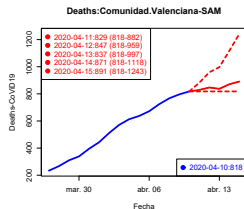
Fallecidos: Castilla-La Mancha



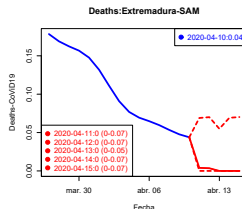
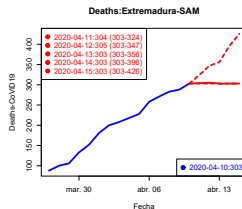
Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

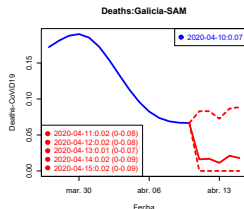
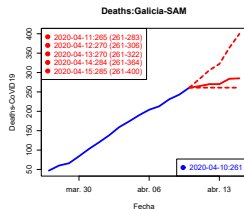


◀ Confirmados ◀ Fallecidos

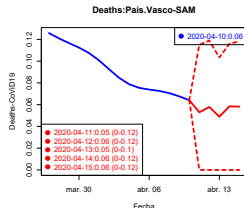
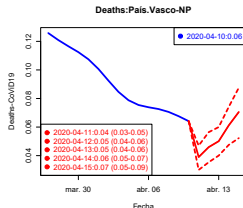
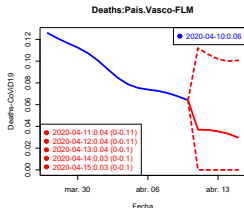
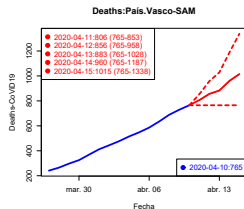
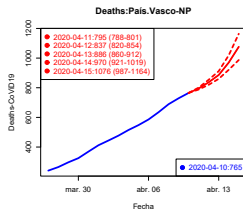
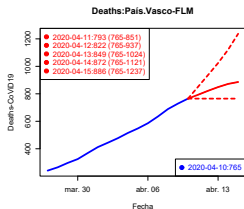


◀ Confirmados ◀ Fallecidos

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◀ Confirmados ◀ Fallecidos

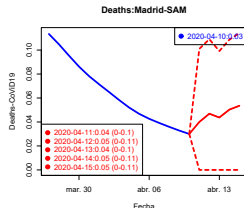
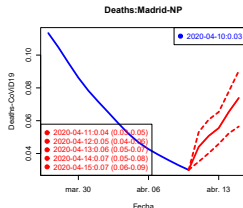
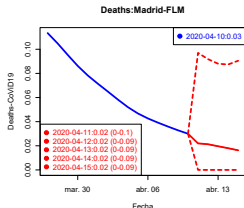
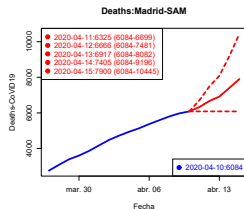
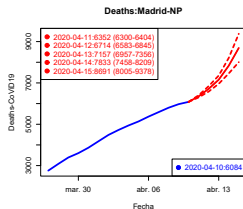
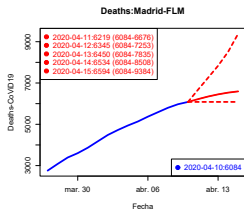


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Madrid

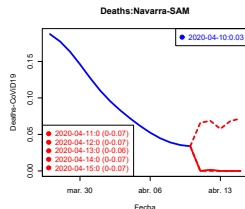
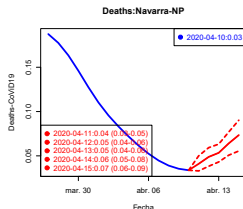
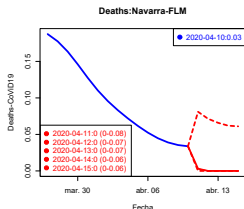
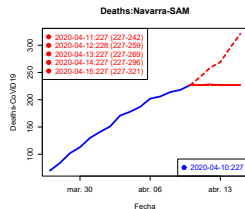
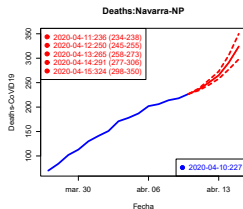
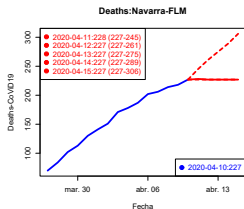


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

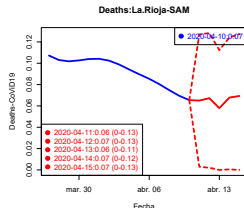
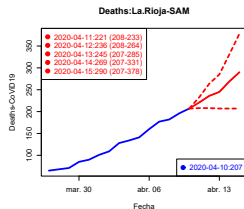
◀ Confirmados

◀ Fallecidos

Fallecidos: Navarra



Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.



◀ Confirmados ◀ Fallecidos

Breve descripción del Modelo de predicción

Objetivo: Predecir ratio de incremento de casos confirmados a 1, 2, o 3 días: $r^{(k)}(t) = \frac{x_{t+k} - x_t}{x_t + 1}$

Información usada: Pasado de esta variable suavizado (retardo 1) durante los últimos 15 días:

$$R^{(1)} = \{r^{(1)}(-14), \dots, r^{(1)}(0)\}.$$

Datos para alimentar el modelo: https://github.com/CSSEGISandData/COVID-19/tree/master/csse_covid_19_data/csse_covid_19_time_series/. Algunas series de tiempo (como el Diamond Princess) son filtrados por inconsistencia, presunta falta de veracidad o por anormalmente valores bajos. En la predicción final se reconstruye el número de casos esperado. Se construyen tres modelos funcionales de la regresión general: $r^{(k)}(0) = f(R^{(1)}) + \epsilon$ donde la diferencia radica en la forma de la función f

- Lineal: $f(R^{(1)}) = \int_{-14}^0 R^{(1)}(t)\beta(t)dt$
- NP: f es una estimación no paramétrica tipo núcleo.
- SAM: f es una combinación aditiva de funciones suaves de las componentes principales funcionales.

Para el objetivo de predecir el ratio de incremento de fallecidos, se usa además del pasado de la propia variable, el ratio de incremento pasado de casos confirmados.