

Predicciones sobre CoViD-19

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April 17, 2020



DEPARTAMENTO DE ESTATÍSTICA,
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- Predicciones

- Predicciones Fallecidos

Datos

Número de datos funcionales: 3472

Países/Regiones distintos incorporados: 159

Predicciones:

► España

► Andalucía

► Aragón

► Asturias

► I. Balears

▶ **Canarias**

► **Cantabria**

▶ Catalunya

► **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	0.005	0.001	0.005	0.003	0.001	0.003	0.436	0.907	0.451
H2	0.012	0.003	0.012	0.01	0.002	0.01	0.578	0.929	0.599
H3	0.026	0.006	0.025	0.024	0.005	0.023	0.627	0.938	0.648
H4	0.055	0.013	0.052	0.052	0.009	0.049	0.623	0.935	0.646
H5	0.104	0.023	0.096	0.096	0.015	0.087	0.61	0.934	0.638

Último dato: 2020-04-16 21:00 que se publica 2020-04-17 12:00.

Tabla Previsión Confirmados: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	188068	191661	195104	198764	202740	206987
Andalucía	11053	11284	11524	11771	12031	12296
Aragón	4664	4795	4935	5084	5246	5413
Asturias	2230	2296	2369	2450	2539	2634
Islas.Baleares	1668	1699	1730	1763	1799	1837
Canarias	2009	2031	2052	2069	2084	2098
Cantabria	1884	1916	1950	1983	2015	2048
Castilla.La.Mancha	15997	16485	16972	17486	18047	18605
Castilla.y.León	14903	15471	16082	16755	17494	18284
Cataluña	38316	39221	40107	41036	42026	43057
Ceuta	101	103	104	106	107	108
Comunidad.Valenciana	9869	10100	10348	10607	10880	11164
Extremadura	3019	3124	3246	3381	3526	3681
Galicia	8013	8162	8306	8445	8586	8722
Madrid	51993	53065	54088	55194	56412	57680
Melilla	104	105	106	106	106	106
Murcia	1625	1666	1709	1758	1811	1867
Navarra	4433	4532	4635	4741	4849	4963
País.Vasco	12089	12376	12671	12980	13309	13649
La.Rioja	4098	4287	4505	4754	5035	5328

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

Tabla Previsión Confirmados: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	188068	191747	195407	199621	204247	209874
Andalucía	11053	11255	11476	11741	12033	12404
Aragón	4664	4766	4867	4981	5107	5259
Asturias	2230	2310	2402	2510	2642	2810
Islas.Baleares	1668	1688	1712	1739	1770	1809
Canarias	2009	2026	2044	2066	2089	2118
Cantabria	1884	1911	1941	1976	2015	2066
Castilla.La.Mancha	15997	16312	16574	16838	17126	17438
Castilla.y.León	14903	15510	15927	16367	16858	17407
Cataluña	38316	39026	39700	40443	41253	42201
Ceuta	101	103	105	106	107	109
Comunidad.Valenciana	9869	10103	10365	10674	11027	11490
Extremadura	3019	3135	3263	3422	3624	3874
Galicia	8013	8132	8253	8391	8543	8732
Madrid	51993	52907	53886	55074	56391	58046
Melilla	104	106	107	108	109	110
Murcia	1625	1663	1708	1763	1827	1909
Navarra	4433	4521	4610	4715	4828	4970
País.Vasco	12089	12339	12599	12902	13236	13655
La.Rioja	4098	4239	4343	4456	4588	4742

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

Tabla Previsión Confirmados: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	188068	192819	198455	203845	211991	218986
Andalucía	11053	11286	11544	11837	12237	12628
Aragón	4664	4795	4946	5101	5315	5505
Asturias	2230	2296	2372	2470	2590	2715
Islas.Baleares	1668	1699	1736	1765	1817	1855
Canarias	2009	2029	2050	2068	2105	2136
Cantabria	1884	1913	1946	1974	2023	2062
Castilla.La.Mancha	15997	16481	17086	17639	18373	19054
Castilla.y.León	14903	15485	16152	16805	17700	18465
Cataluña	38316	39240	40334	41305	42867	44176
Ceuta	101	103	104	107	110	114
Comunidad.Valenciana	9869	10076	10315	10542	10909	11211
Extremadura	3019	3118	3237	3364	3527	3668
Galicia	8013	8157	8310	8462	8694	8914
Madrid	51993	53135	54593	55985	58156	60069
Melilla	104	105	106	108	110	113
Murcia	1625	1667	1718	1774	1847	1915
Navarra	4433	4528	4633	4731	4894	5031
País.Vasco	12089	12366	12681	12977	13441	13823
La.Rioja	4098	4298	4555	4876	5229	5608

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	0.027	0.019	0.037	0.057	0.078	0.101
Andalucía	0.022	0.021	0.043	0.065	0.089	0.112
Aragón	0.030	0.028	0.058	0.090	0.125	0.161
Asturias	0.031	0.030	0.062	0.099	0.138	0.181
Islas.Baleares	0.019	0.018	0.037	0.057	0.078	0.101
Canarias	0.009	0.011	0.021	0.030	0.037	0.044
Cantabria	0.016	0.017	0.035	0.052	0.070	0.087
Castilla.La.Mancha	0.036	0.031	0.061	0.093	0.128	0.163
Castilla.y.León	0.042	0.038	0.079	0.124	0.174	0.227
Cataluña	0.026	0.024	0.047	0.071	0.097	0.124
Ceuta	0.016	0.018	0.033	0.046	0.059	0.067
Comunidad.Valenciana	0.023	0.023	0.049	0.075	0.102	0.131
Extremadura	0.038	0.035	0.075	0.120	0.168	0.219
Galicia	0.018	0.019	0.037	0.054	0.071	0.089
Madrid	0.025	0.021	0.040	0.062	0.085	0.109
Melilla	0.010	0.011	0.017	0.021	0.023	0.022
Murcia	0.028	0.025	0.052	0.082	0.115	0.149
Navarra	0.022	0.022	0.046	0.069	0.094	0.120
País.Vasco	0.025	0.024	0.048	0.074	0.101	0.129
La.Rioja	0.060	0.046	0.099	0.160	0.229	0.300

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	0.027	0.020	0.039	0.061	0.086	0.116
Andalucía	0.022	0.018	0.038	0.062	0.089	0.122
Aragón	0.030	0.022	0.043	0.068	0.095	0.128
Asturias	0.031	0.036	0.077	0.126	0.184	0.260
Islas.Baleares	0.019	0.012	0.026	0.043	0.061	0.084
Canarias	0.009	0.008	0.017	0.028	0.040	0.054
Cantabria	0.016	0.014	0.030	0.049	0.070	0.096
Castilla.La.Mancha	0.036	0.020	0.036	0.053	0.071	0.090
Castilla.y.León	0.042	0.041	0.069	0.098	0.131	0.168
Cataluña	0.026	0.019	0.036	0.056	0.077	0.101
Ceuta	0.016	0.019	0.035	0.047	0.064	0.077
Comunidad.Valenciana	0.023	0.024	0.050	0.082	0.117	0.164
Extremadura	0.038	0.038	0.081	0.134	0.200	0.283
Galicia	0.018	0.015	0.030	0.047	0.066	0.090
Madrid	0.025	0.018	0.036	0.059	0.085	0.116
Melilla	0.010	0.015	0.025	0.036	0.048	0.061
Murcia	0.028	0.023	0.051	0.085	0.124	0.175
Navarra	0.022	0.020	0.040	0.064	0.089	0.121
País.Vasco	0.025	0.021	0.042	0.067	0.095	0.130
La.Rioja	0.060	0.034	0.060	0.087	0.119	0.157

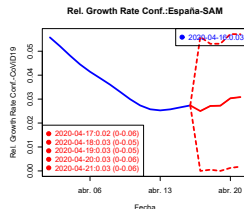
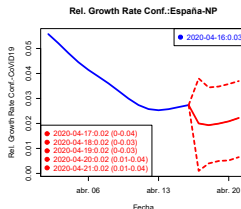
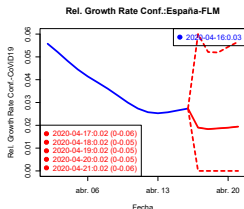
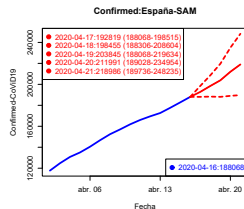
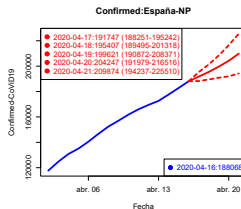
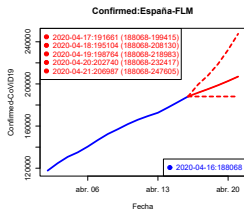
Table: Previsión Ratio Incr. Confirmados: Mod. No Paramétrico - Horizonte 1
– 5 días.

Tabla Ratio Incr. Confirmados: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	0.027	0.025	0.055	0.084	0.127	0.164
Andalucía	0.022	0.021	0.044	0.071	0.107	0.142
Aragón	0.030	0.028	0.060	0.094	0.140	0.180
Asturias	0.031	0.030	0.063	0.107	0.161	0.218
Islas.Baleares	0.019	0.019	0.041	0.058	0.089	0.112
Canarias	0.009	0.010	0.021	0.029	0.048	0.063
Cantabria	0.016	0.016	0.033	0.048	0.074	0.094
Castilla.La.Mancha	0.036	0.030	0.068	0.103	0.149	0.191
Castilla.y.León	0.042	0.039	0.084	0.128	0.188	0.239
Cataluña	0.026	0.024	0.053	0.078	0.119	0.153
Ceuta	0.016	0.017	0.032	0.063	0.090	0.128
Comunidad.Valenciana	0.023	0.021	0.045	0.068	0.105	0.136
Extremadura	0.038	0.033	0.072	0.114	0.168	0.215
Galicia	0.018	0.018	0.037	0.056	0.085	0.112
Madrid	0.025	0.022	0.050	0.077	0.119	0.155
Melilla	0.010	0.011	0.020	0.037	0.058	0.088
Murcia	0.028	0.026	0.057	0.092	0.137	0.178
Navarra	0.022	0.021	0.045	0.067	0.104	0.135
País.Vasco	0.025	0.023	0.049	0.073	0.112	0.143
La.Rioja	0.060	0.049	0.112	0.190	0.276	0.368

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

Confirmados: España

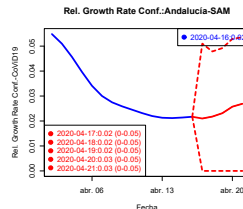
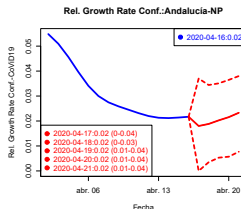
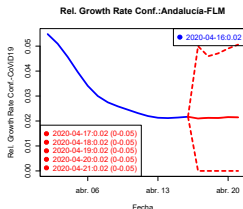
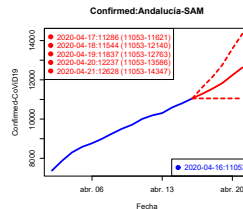
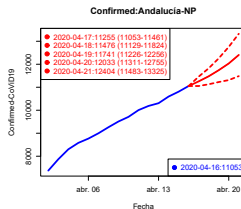
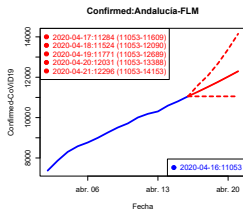


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Andalucía

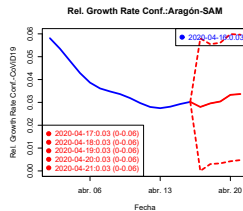
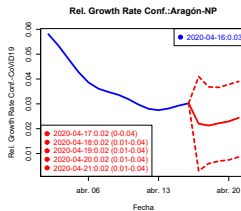
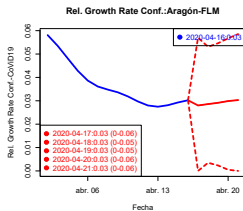
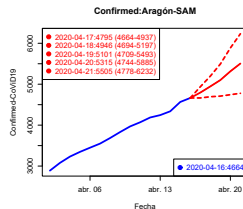
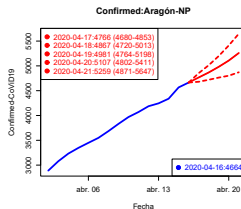
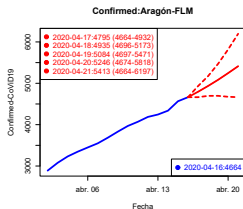


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Aragón

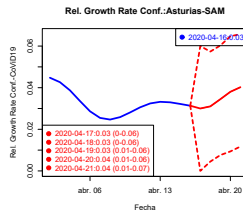
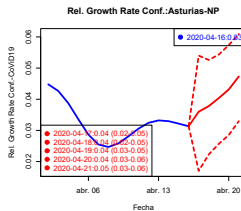
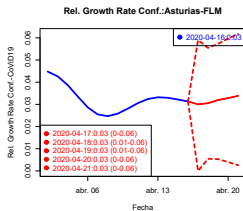
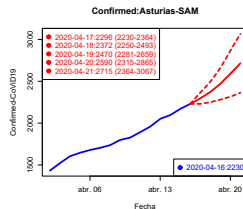
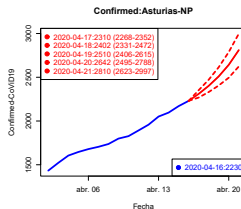
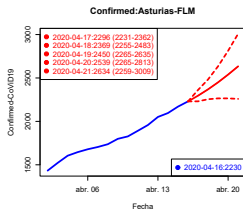


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Asturias

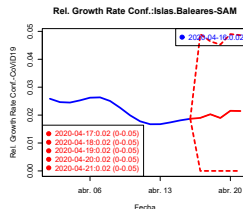
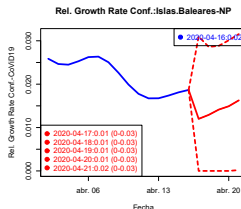
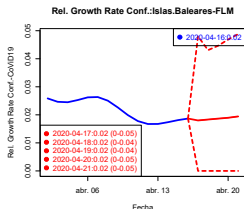
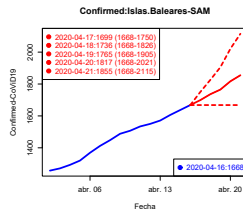
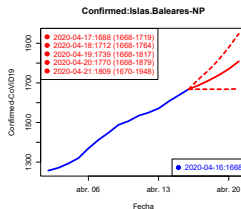
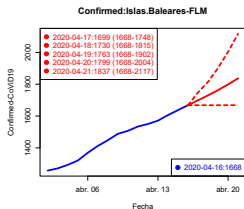


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Islas Baleares

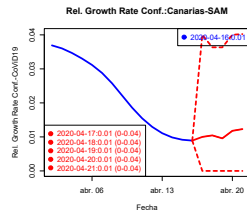
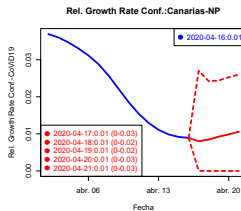
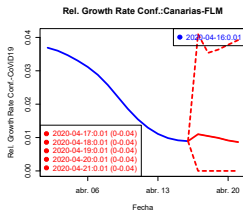
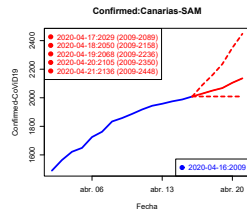
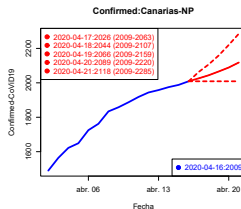
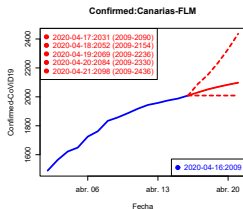


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Canarias

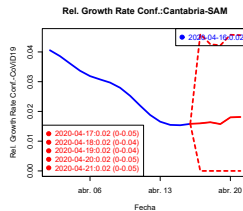
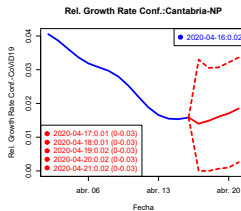
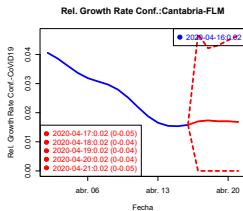
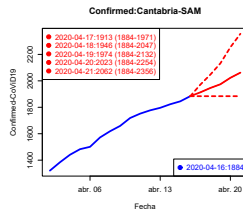
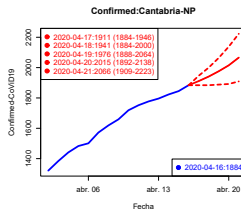
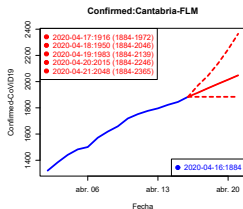


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Cantabria



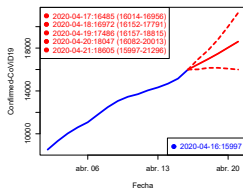
Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

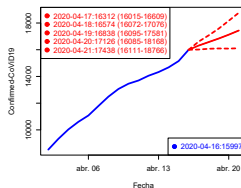
◀ Fallecidos

Confirmados: Castilla-La Mancha

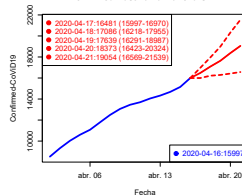
Confirmed:Castilla.La.Mancha-FLM



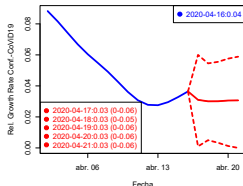
Confirmed:Castilla.La.Mancha-NP



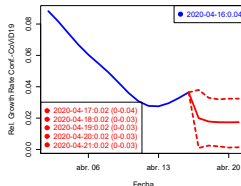
Confirmed:Castilla.La.Mancha-SAM



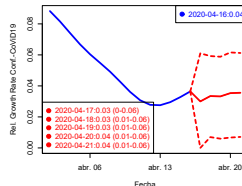
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Rel. Growth Rate Conf.:Castilla.La.Mancha-NP



Rel. Growth Rate Conf.:Castilla.La.Mancha-SAM

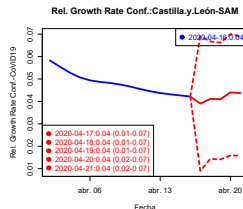
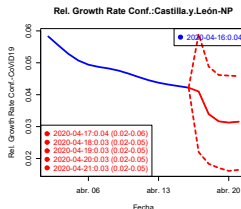
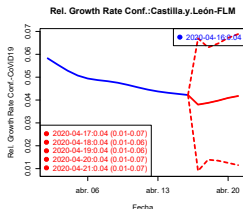
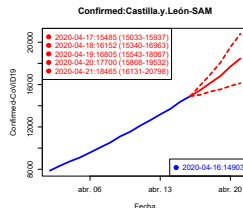
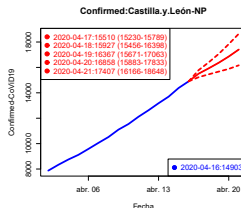
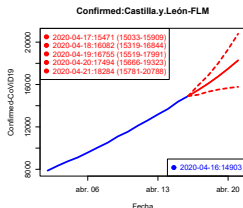


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Castilla y León

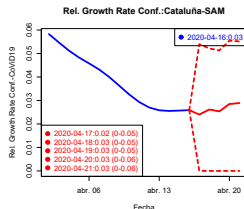
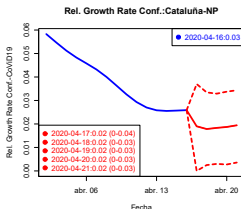
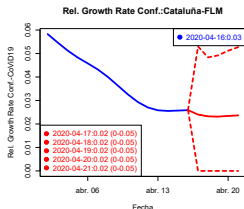
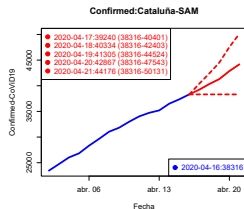
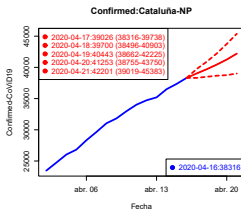
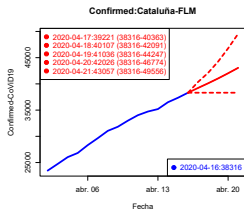


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Cataluña

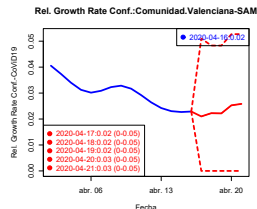
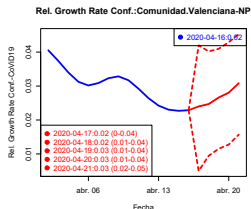
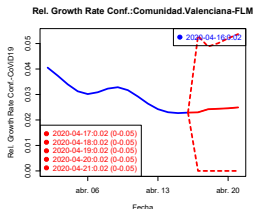
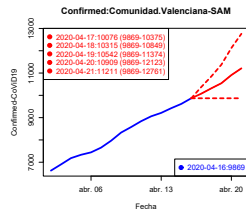
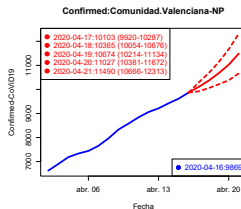
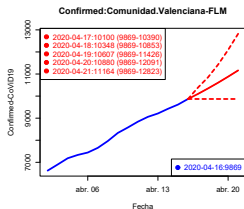


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: C. Valenciana

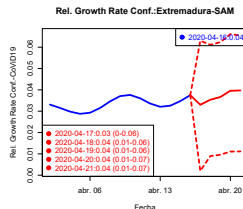
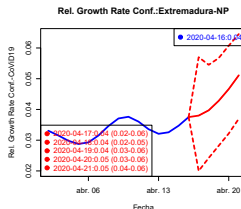
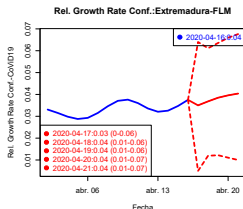
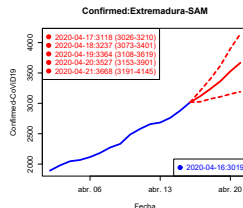
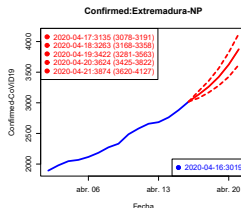
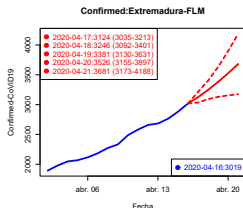


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Extremadura

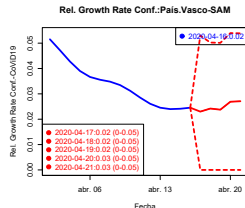
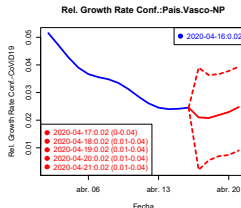
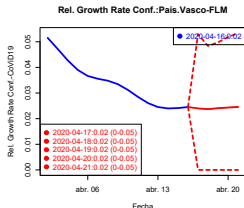
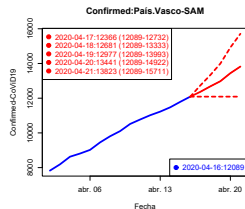
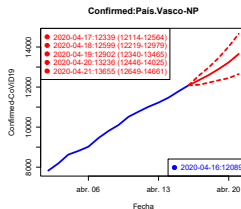
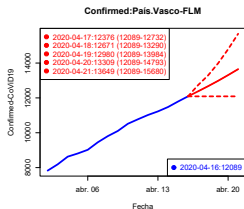


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

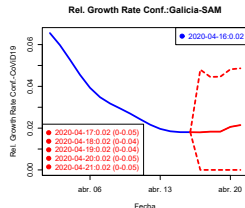
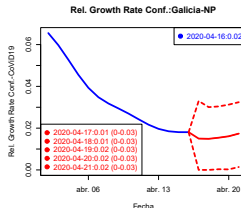
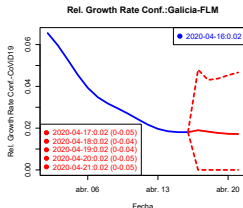
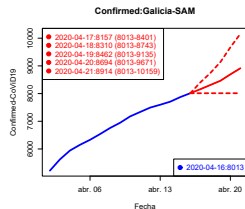
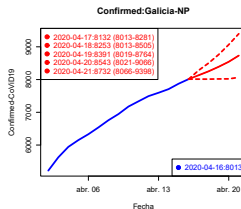
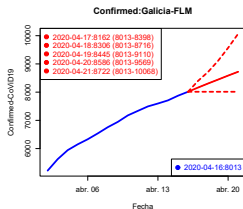
◀ Fallecidos

Confirmados: País Vasco



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

Confirmados: Galicia

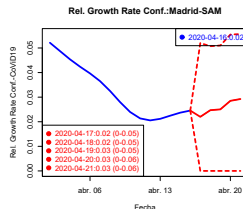
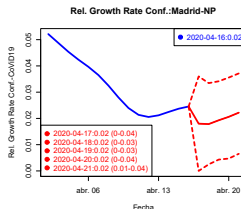
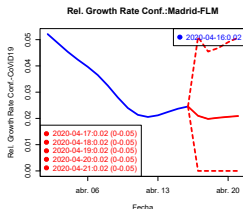
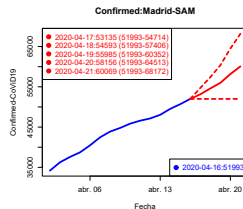
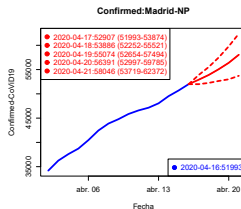
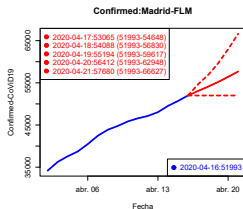


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Madrid

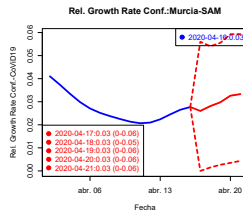
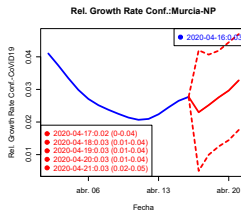
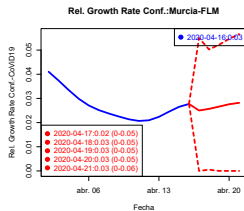
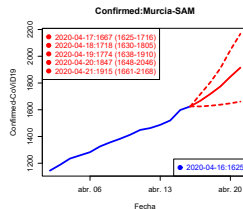
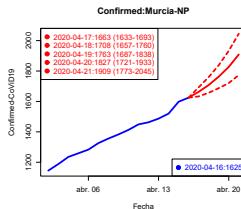
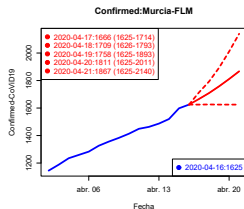


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Murcia

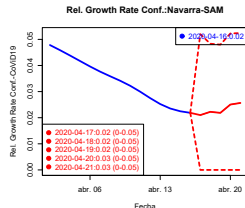
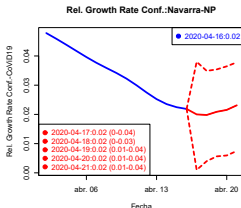
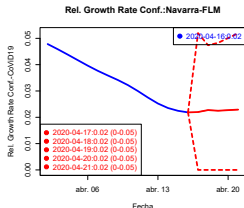
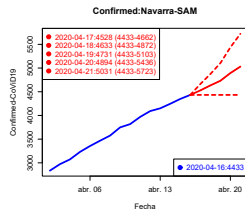
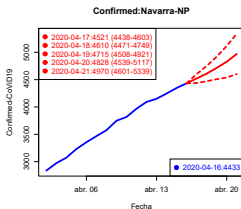
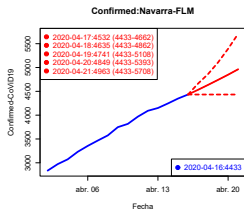


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Navarra

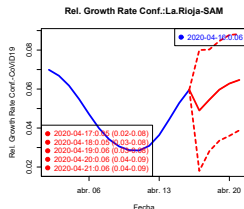
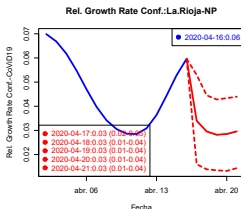
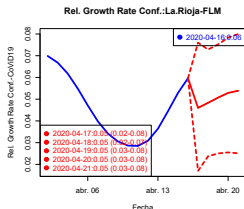
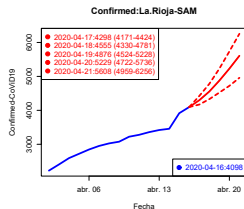
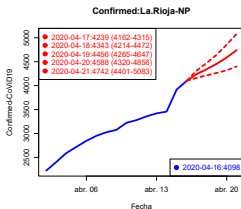
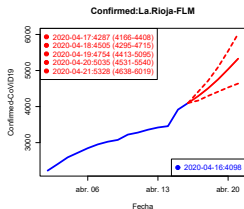


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ 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: 5000

Países/Regiones distintos incorporados: 89

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	0.004	0.003	0.004	0.003	0.003	0.003	0.459	0.624	0.504
H2	0.013	0.007	0.01	0.008	0.005	0.007	0.545	0.764	0.665
H3	0.028	0.013	0.019	0.017	0.01	0.015	0.616	0.823	0.737
H4	0.053	0.025	0.034	0.033	0.015	0.029	0.646	0.843	0.768
H5	0.111	0.047	0.069	0.06	0.025	0.048	0.624	0.849	0.761

Tabla Previsión Fallecidos: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	15726	16079	16369	16571	16688	16749
Andalucía	940	969	994	1011	1022	1029
Aragón	562	581	600	616	629	641
Asturias	174	181	187	194	200	207
Islas.Baleares	134	139	143	146	149	152
Canarias	111	113	114	115	116	116
Cantabria	144	149	154	160	166	173
Castilla.La.Mancha	1852	1906	1952	1990	2019	2050
Castilla.y.León	1401	1431	1453	1461	1457	1443
Cataluña	0	0	0	0	0	0
Ceuta	4	4	4	4	4	4
Comunidad.Valenciana	999	1025	1043	1053	1055	1049
Extremadura	372	380	388	395	401	405
Galicia	320	329	336	338	337	334
Madrid	7007	7116	7194	7227	7219	7181
Melilla	2	2	2	2	2	2
Murcia	112	114	115	115	114	112
Navarra	338	352	369	391	416	440
País.Vasco	992	1023	1054	1083	1110	1136
La.Rioja	262	270	277	283	287	291

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

Tabla Previsión Fallecidos: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	15726	16172	16610	17038	17448	17850
Andalucía	940	978	1015	1051	1087	1122
Aragón	562	585	608	630	652	673
Asturias	174	181	187	194	200	206
Islas.Baleares	134	138	143	147	151	156
Canarias	111	113	115	117	119	121
Cantabria	144	149	154	159	164	169
Castilla.La.Mancha	1852	1911	1970	2027	2082	2137
Castilla.y.León	1401	1445	1489	1532	1574	1615
Cataluña	0	0	0	0	0	0
Ceuta	4	4	4	5	5	5
Comunidad.Valenciana	999	1031	1063	1094	1125	1155
Extremadura	372	383	394	405	415	425
Galicia	320	332	344	356	367	379
Madrid	7007	7153	7294	7429	7556	7680
Melilla	2	2	2	2	2	2
Murcia	112	116	121	125	129	134
Navarra	338	349	361	373	384	394
País.Vasco	992	1027	1062	1097	1130	1163
La.Rioja	262	272	282	292	301	311

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

Tabla Previsión Fallecidos: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	15726	16213	16781	17235	17712	18304
Andalucía	940	964	996	1024	1046	1066
Aragón	562	581	605	625	643	666
Asturias	174	180	187	196	203	211
Islas.Baleares	134	140	146	152	158	166
Canarias	111	115	120	125	132	138
Cantabria	144	149	155	160	166	174
Castilla.La.Mancha	1852	1921	1996	2063	2118	2202
Castilla.y.León	1401	1443	1491	1532	1577	1628
Cataluña	0	0	0	0	0	0
Ceuta	4	4	4	4	4	4
Comunidad.Valenciana	999	1034	1069	1106	1147	1189
Extremadura	372	383	397	407	420	435
Galicia	320	330	340	349	356	366
Madrid	7007	7192	7403	7587	7784	7986
Melilla	2	2	3	3	3	4
Murcia	112	113	115	116	118	117
Navarra	338	369	419	463	516	593
País.Vasco	992	1026	1066	1101	1134	1180
La.Rioja	262	270	282	291	300	311

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

Tabla Ratio Incr. Fallecidos: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	0.030	0.022	0.041	0.054	0.061	0.065
Andalucía	0.038	0.031	0.057	0.076	0.087	0.095
Aragón	0.046	0.034	0.067	0.095	0.119	0.141
Asturias	0.038	0.039	0.077	0.114	0.149	0.191
Islas.Baleares	0.038	0.038	0.068	0.091	0.111	0.131
Canarias	0.032	0.015	0.029	0.040	0.047	0.047
Cantabria	0.054	0.033	0.070	0.112	0.154	0.197
Castilla.La.Mancha	0.031	0.029	0.054	0.074	0.090	0.107
Castilla.y.León	0.026	0.022	0.037	0.043	0.040	0.030
Cataluña	0.000	0.000	0.000	0.000	0.000	0.000
Ceuta	0.000	0.000	0.000	0.000	0.000	0.000
Comunidad.Valenciana	0.032	0.026	0.044	0.054	0.056	0.050
Extremadura	0.038	0.022	0.044	0.063	0.078	0.088
Galicia	0.033	0.029	0.049	0.057	0.054	0.043
Madrid	0.022	0.016	0.027	0.031	0.030	0.025
Melilla	0.000	0.009	0.000	0.000	0.000	0.000
Murcia	0.022	0.015	0.027	0.029	0.017	0.000
Navarra	0.116	0.041	0.092	0.156	0.230	0.300
País.Vasco	0.046	0.032	0.063	0.092	0.119	0.145
La.Rioja	0.037	0.031	0.058	0.080	0.097	0.110

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	0.030	0.028	0.056	0.083	0.109	0.135
Andalucía	0.038	0.040	0.080	0.118	0.156	0.194
Aragón	0.046	0.041	0.082	0.121	0.160	0.198
Asturias	0.038	0.039	0.076	0.114	0.150	0.185
Islas.Baleares	0.038	0.033	0.066	0.098	0.130	0.160
Canarias	0.032	0.019	0.036	0.054	0.070	0.085
Cantabria	0.054	0.036	0.071	0.107	0.140	0.174
Castilla.La.Mancha	0.031	0.032	0.064	0.095	0.124	0.154
Castilla.y.León	0.026	0.032	0.063	0.093	0.123	0.153
Cataluña	0.000	0.004	0.007	0.010	0.013	0.016
Ceuta	0.000	0.034	0.070	0.110	0.149	0.196
Comunidad.Valenciana	0.032	0.032	0.064	0.095	0.126	0.156
Extremadura	0.038	0.030	0.059	0.087	0.115	0.142
Galicia	0.033	0.038	0.075	0.111	0.147	0.184
Madrid	0.022	0.021	0.041	0.060	0.078	0.096
Melilla	0.000	0.015	0.029	0.043	0.057	0.069
Murcia	0.022	0.039	0.077	0.114	0.151	0.191
Navarra	0.116	0.034	0.068	0.102	0.134	0.166
País.Vasco	0.046	0.036	0.071	0.105	0.139	0.172
La.Rioja	0.037	0.038	0.076	0.113	0.149	0.185

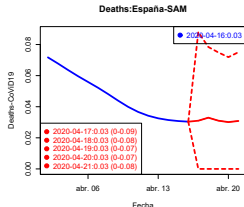
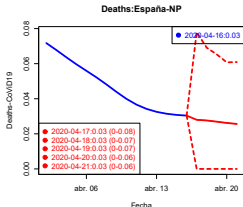
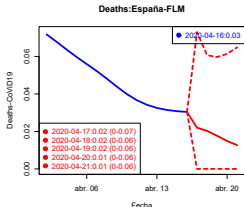
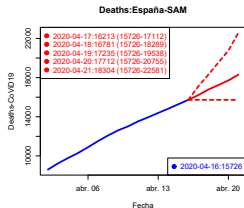
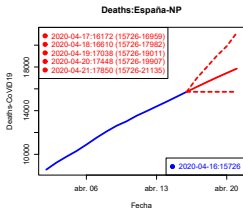
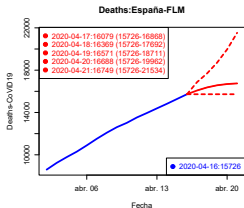
Table: Previsión Ratio Incr. Fallecidos: Mod. No Paramétrico - Horizonte 1 – 5 días.

Tabla Ratio Incr. Fallecidos: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	0.030	0.031	0.067	0.096	0.126	0.164
Andalucía	0.038	0.026	0.059	0.089	0.113	0.134
Aragón	0.046	0.034	0.076	0.111	0.144	0.185
Asturias	0.038	0.035	0.076	0.128	0.164	0.210
Islas.Baleares	0.038	0.047	0.089	0.136	0.178	0.237
Canarias	0.032	0.035	0.076	0.127	0.187	0.242
Cantabria	0.054	0.035	0.075	0.113	0.153	0.207
Castilla.La.Mancha	0.031	0.037	0.077	0.114	0.144	0.189
Castilla.y.León	0.026	0.030	0.065	0.094	0.126	0.162
Cataluña	0.000	0.016	0.033	0.062	0.087	0.111
Ceuta	0.000	0.000	0.000	0.000	0.000	0.000
Comunidad.Valenciana	0.032	0.035	0.070	0.107	0.148	0.190
Extremadura	0.038	0.029	0.066	0.094	0.128	0.169
Galicia	0.033	0.030	0.062	0.089	0.112	0.142
Madrid	0.022	0.026	0.056	0.083	0.111	0.140
Melilla	0.000	0.058	0.215	0.298	0.387	0.565
Murcia	0.022	0.010	0.024	0.035	0.052	0.048
Navarra	0.116	0.090	0.240	0.369	0.525	0.753
País.Vasco	0.046	0.034	0.074	0.110	0.143	0.189
La.Rioja	0.037	0.032	0.076	0.111	0.146	0.186

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

Fallecidos: España

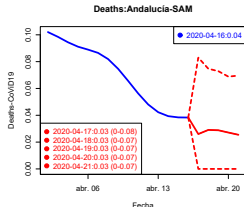
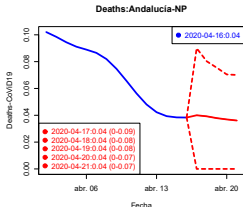
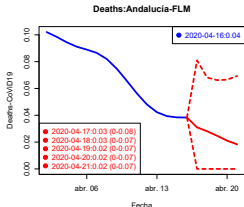
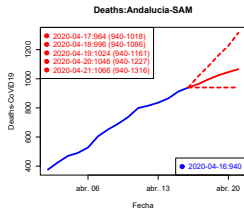
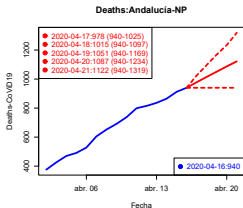
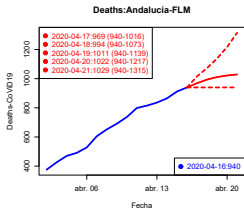


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Andalucía

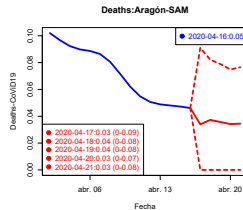
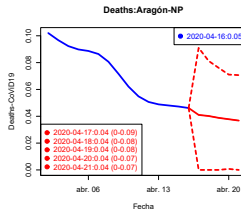
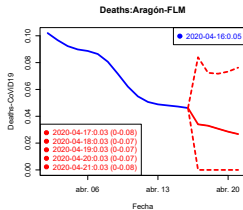
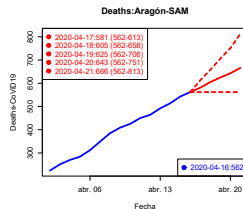
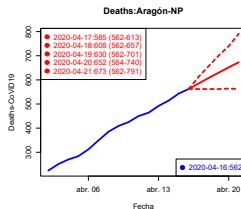
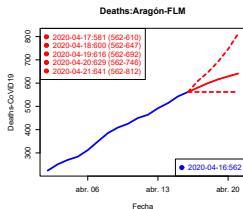


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Aragón

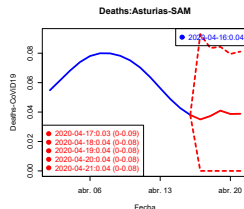
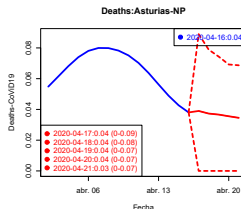
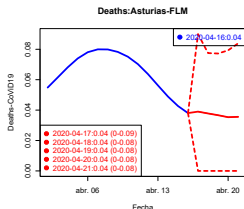
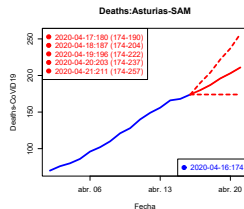
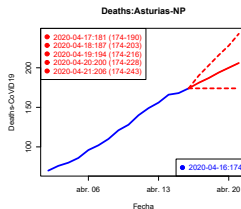
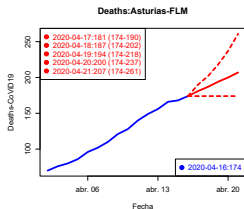


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

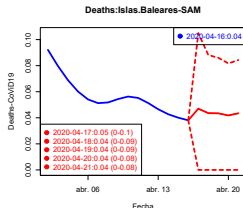
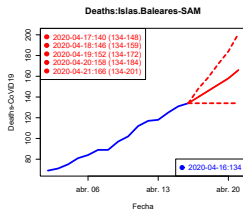
Fallecidos: Asturias



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

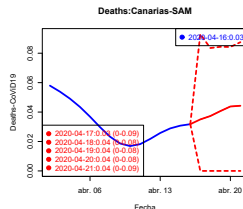
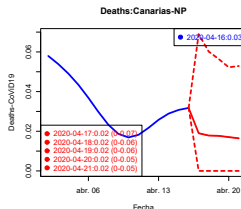
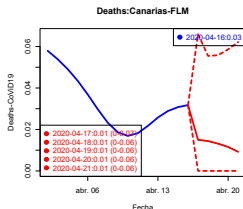
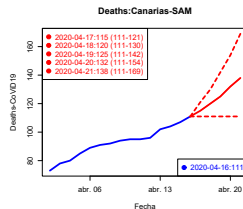
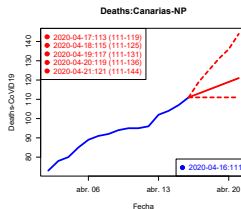
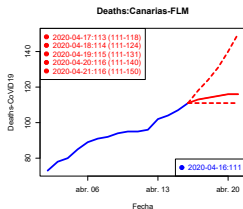
◀ Confirmados

◀ Fallecidos



◀ Confirmados

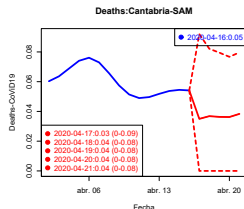
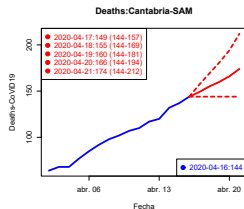
Fallecidos: Canarias



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

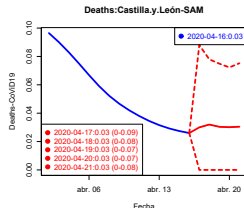
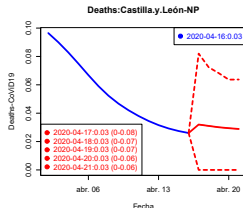
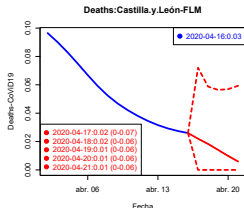
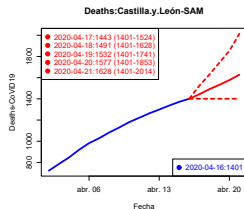
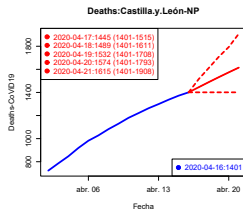
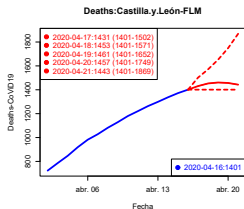
◀ Confirmados

◀ Fallecidos



◀ Confirmados ▶ Fallecidos

Fallecidos: Castilla y León

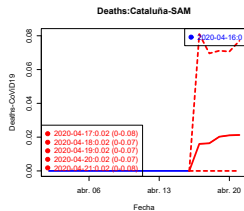
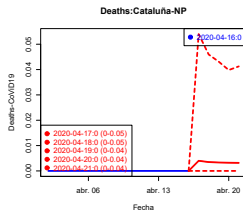
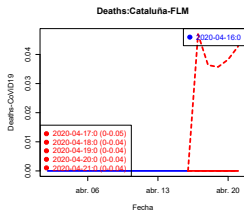
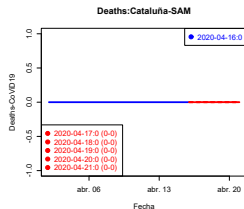
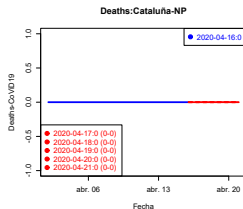
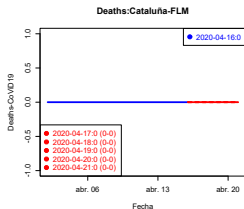


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Cataluña

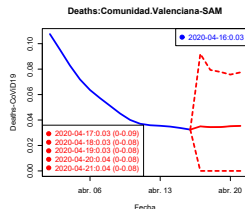
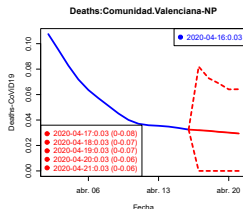
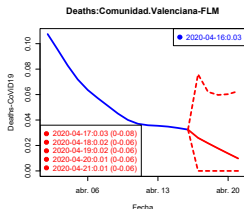
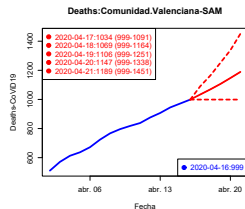
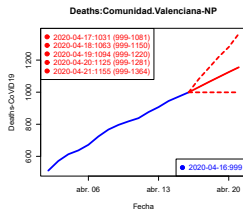
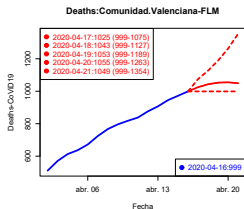


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: C. Valenciana

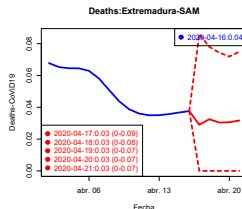


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

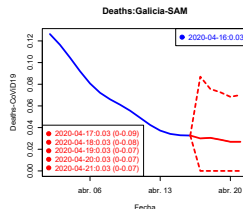
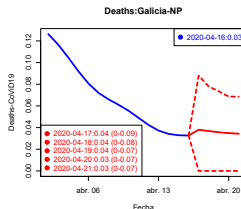
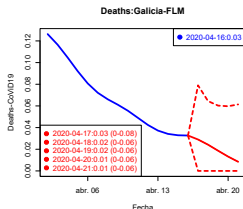
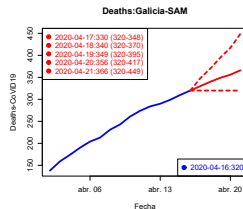
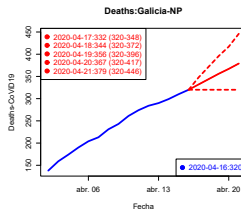
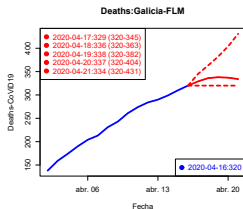
◀ Confirmados

◀ Fallecidos

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



Fallecidos: Galicia

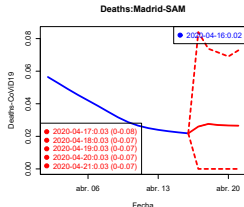
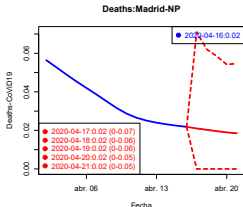
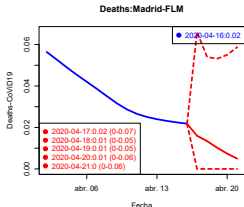
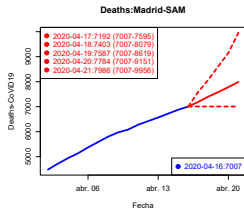
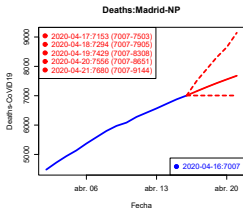
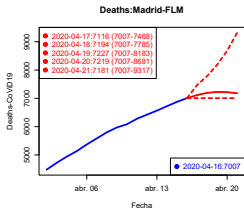


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

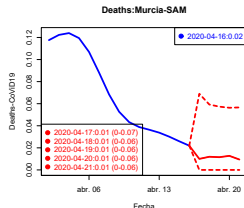
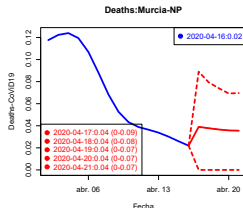
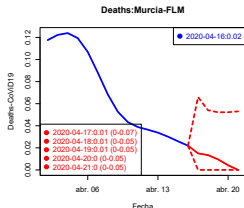
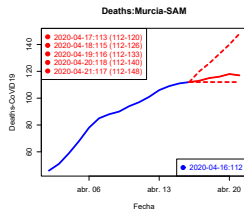
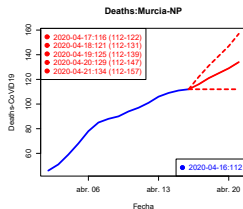
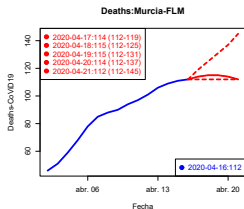
Fallecidos: Madrid



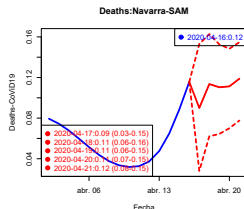
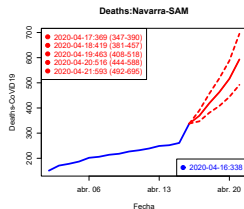
Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

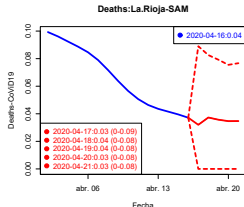
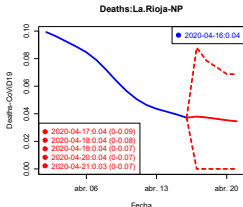
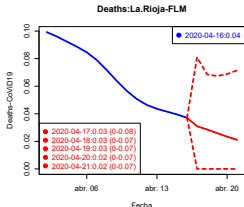
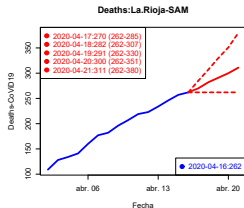
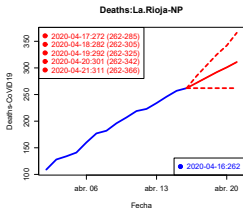
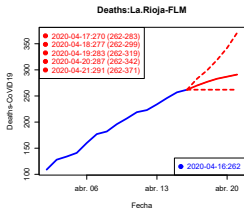


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.



◀ Confirmados ◀ Fallecidos

Fallecidos: La Rioja



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.