

Predicciones sobre CoViD-19

Manuel Febrero-Bande

Dpt. de Estadística, Análisis Matemático y Optimización
Univ. de Santiago de Compostela

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DEPARTAMENTO DE ESTATÍSTICA,
ANÁLISE MATEMÁTICA E OPTIMIZACIÓN



- Predicciones

- Predicciones Fallecidos

Datos

Número de datos funcionales: 3978

Países/Regiones distintos incorporados: 164

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	0.004	0.001	0.004	0.003	0.001	0.003	0.443	0.895	0.457
H2	0.011	0.003	0.011	0.009	0.002	0.009	0.585	0.921	0.604
H3	0.024	0.006	0.023	0.022	0.005	0.022	0.631	0.93	0.651
H4	0.05	0.012	0.047	0.043	0.009	0.041	0.627	0.928	0.649
H5	0.094	0.023	0.087	0.085	0.015	0.082	0.614	0.927	0.64

Último dato: 2020-04-19 21:00 que se publica 2020-04-20 12:00.

Tabla Previsión Confirmados: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	200210	202161	204941	207752	210156	212818
Andalucía	11323	11490	11660	11837	12019	12212
Aragón	4886	4977	5069	5165	5265	5373
Asturias	2348	2399	2456	2515	2577	2643
Islas.Baleares	1788	1824	1861	1903	1948	1997
Canarias	2067	2089	2111	2131	2151	2170
Cantabria	2083	2135	2191	2254	2326	2403
Castilla.La.Mancha	16796	17139	17482	17841	18218	18621
Castilla.y.León	15857	16253	16670	17099	17536	18006
Cataluña	41676	42605	43632	44739	45909	47147
Ceuta	111	114	116	120	123	127
Comunidad.Valenciana	10018	10145	10279	10407	10522	10645
Extremadura	3186	3258	3333	3415	3502	3599
Galicia	8299	8414	8531	8646	8760	8877
Madrid	56963	58250	59811	61501	63290	65162
Melilla	104	105	105	105	105	105
Murcia	1646	1666	1686	1705	1723	1743
Navarra	4697	4786	4875	4967	5064	5165
País.Vasco	12628	12837	13054	13278	13503	13746
La.Rioja	3734	3790	3844	3898	3953	4008

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

Tabla Previsión Confirmados: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	200210	204250	208815	214104	219876	226817
Andalucía	11323	11455	11602	11765	11950	12177
Aragón	4886	4980	5085	5208	5340	5499
Asturias	2348	2402	2464	2534	2616	2720
Islas.Baleares	1788	1817	1851	1890	1936	1993
Canarias	2067	2078	2090	2102	2115	2130
Cantabria	2083	2128	2183	2248	2327	2427
Castilla.La.Mancha	16796	17111	17438	17796	18155	18554
Castilla.y.León	15857	16205	16548	16907	17269	17651
Cataluña	41676	42556	43520	44622	45790	47151
Ceuta	111	113	115	118	120	124
Comunidad.Valenciana	10018	10133	10258	10400	10556	10746
Extremadura	3186	3260	3343	3440	3551	3681
Galicia	8299	8395	8500	8619	8751	8911
Madrid	56963	58342	59969	61858	64083	66841
Melilla	104	104	105	105	106	106
Murcia	1646	1664	1684	1705	1729	1757
Navarra	4697	4778	4867	4970	5079	5208
País.Vasco	12628	12838	13072	13346	13644	14004
La.Rioja	3734	3783	3836	3898	3963	4043

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

Tabla Previsión Confirmados: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	200210	204642	209508	214636	221015	226768
Andalucía	11323	11492	11660	11838	12072	12296
Aragón	4886	4975	5059	5152	5279	5384
Asturias	2348	2393	2443	2496	2574	2649
Islas.Baleares	1788	1824	1865	1911	1963	2014
Canarias	2067	2087	2110	2132	2158	2191
Cantabria	2083	2141	2207	2281	2368	2451
Castilla.La.Mancha	16796	17145	17518	17931	18464	18979
Castilla.y.León	15857	16233	16628	17030	17563	18014
Cataluña	41676	42721	43903	45149	46686	48072
Ceuta	111	114	117	120	124	128
Comunidad.Valenciana	10018	10148	10277	10387	10520	10676
Extremadura	3186	3267	3337	3418	3518	3601
Galicia	8299	8412	8526	8634	8779	8929
Madrid	56963	58544	60516	62672	64971	67317
Melilla	104	104	104	105	105	106
Murcia	1646	1661	1675	1693	1723	1749
Navarra	4697	4783	4874	4961	5080	5190
País.Vasco	12628	12843	13052	13270	13557	13806
La.Rioja	3734	3786	3843	3895	3965	4039

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	0.023	0.010	0.024	0.038	0.050	0.063
Andalucía	0.015	0.015	0.030	0.045	0.061	0.078
Aragón	0.018	0.019	0.037	0.057	0.078	0.100
Asturias	0.020	0.022	0.046	0.071	0.097	0.126
Islas.Baleares	0.020	0.020	0.041	0.064	0.089	0.117
Canarias	0.009	0.010	0.021	0.031	0.041	0.050
Cantabria	0.029	0.025	0.052	0.082	0.117	0.154
Castilla.La.Mancha	0.021	0.020	0.041	0.062	0.085	0.109
Castilla.y.León	0.024	0.025	0.051	0.078	0.106	0.136
Cataluña	0.027	0.022	0.047	0.073	0.102	0.131
Ceuta	0.025	0.023	0.048	0.076	0.108	0.144
Comunidad.Valenciana	0.011	0.013	0.026	0.039	0.050	0.063
Extremadura	0.022	0.023	0.046	0.072	0.099	0.130
Galicia	0.013	0.014	0.028	0.042	0.056	0.070
Madrid	0.031	0.023	0.050	0.080	0.111	0.144
Melilla	0.002	0.006	0.009	0.010	0.010	0.008
Murcia	0.008	0.012	0.024	0.036	0.047	0.059
Navarra	0.019	0.019	0.038	0.058	0.078	0.100
País.Vasco	0.016	0.017	0.034	0.051	0.069	0.089
La.Rioja	0.014	0.015	0.030	0.044	0.059	0.073

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	0.023	0.020	0.043	0.069	0.098	0.133
Andalucía	0.015	0.012	0.025	0.039	0.055	0.075
Aragón	0.018	0.019	0.041	0.066	0.093	0.125
Asturias	0.020	0.023	0.049	0.079	0.114	0.158
Islas.Baleares	0.020	0.016	0.035	0.057	0.083	0.115
Canarias	0.009	0.005	0.011	0.017	0.023	0.030
Cantabria	0.029	0.022	0.048	0.079	0.117	0.165
Castilla.La.Mancha	0.021	0.019	0.038	0.060	0.081	0.105
Castilla.y.León	0.024	0.022	0.044	0.066	0.089	0.113
Cataluña	0.027	0.021	0.044	0.071	0.099	0.131
Ceuta	0.025	0.017	0.036	0.058	0.084	0.117
Comunidad.Valenciana	0.011	0.012	0.024	0.038	0.054	0.073
Extremadura	0.022	0.023	0.049	0.080	0.114	0.155
Galicia	0.013	0.012	0.024	0.039	0.054	0.074
Madrid	0.031	0.024	0.053	0.086	0.125	0.173
Melilla	0.002	0.004	0.008	0.013	0.017	0.022
Murcia	0.008	0.011	0.023	0.036	0.050	0.068
Navarra	0.019	0.017	0.036	0.058	0.081	0.109
País.Vasco	0.016	0.017	0.035	0.057	0.080	0.109
La.Rioja	0.014	0.013	0.027	0.044	0.061	0.083

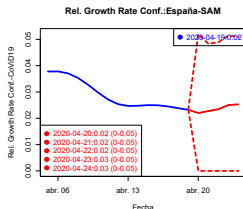
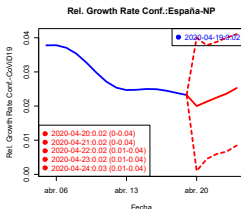
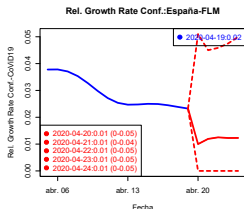
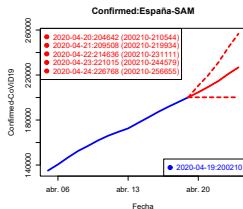
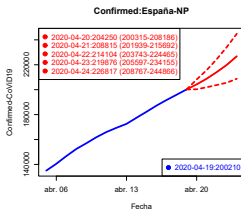
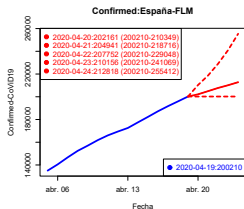
Table: Previsión Ratio Incr. Confirmados: Mod. No Paramétrico - Horizonte 1
- 5 días.

Tabla Ratio Incr. Confirmados: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	0.023	0.022	0.046	0.072	0.104	0.133
Andalucía	0.015	0.015	0.030	0.045	0.066	0.086
Aragón	0.018	0.018	0.035	0.054	0.080	0.102
Asturias	0.020	0.019	0.040	0.063	0.096	0.128
Islas.Baleares	0.020	0.020	0.043	0.069	0.098	0.126
Canarias	0.009	0.010	0.021	0.032	0.044	0.060
Cantabria	0.029	0.028	0.059	0.095	0.137	0.177
Castilla.La.Mancha	0.021	0.021	0.043	0.068	0.099	0.130
Castilla.y.León	0.024	0.024	0.049	0.074	0.108	0.136
Cataluña	0.027	0.025	0.053	0.083	0.120	0.153
Ceuta	0.025	0.029	0.052	0.082	0.118	0.150
Comunidad.Valenciana	0.011	0.013	0.026	0.037	0.050	0.066
Extremadura	0.022	0.025	0.047	0.073	0.104	0.130
Galicia	0.013	0.014	0.027	0.040	0.058	0.076
Madrid	0.031	0.028	0.062	0.100	0.141	0.182
Melilla	0.002	0.002	0.004	0.005	0.007	0.015
Murcia	0.008	0.009	0.018	0.029	0.047	0.063
Navarra	0.019	0.018	0.038	0.056	0.082	0.105
País.Vasco	0.016	0.017	0.034	0.051	0.074	0.093
La.Rioja	0.014	0.014	0.029	0.043	0.062	0.082

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

Confirmados: España

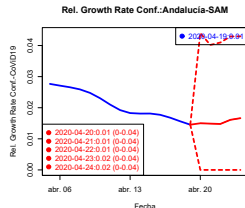
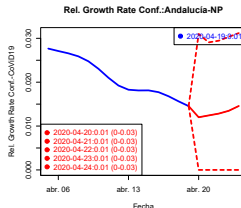
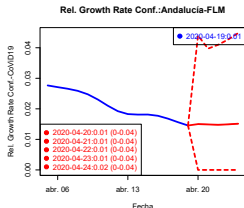
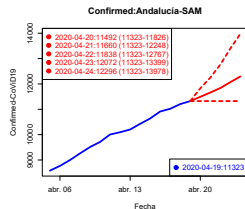
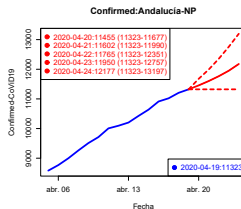
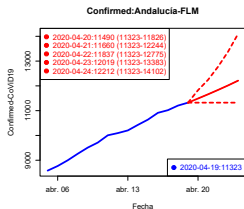


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Andalucía

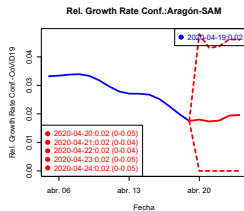
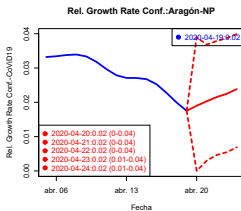
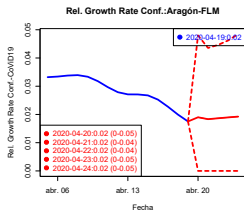
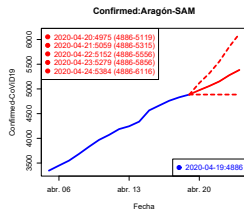
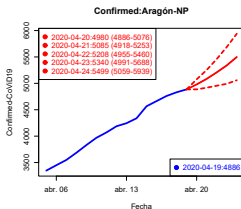
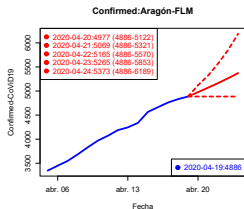


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Aragón

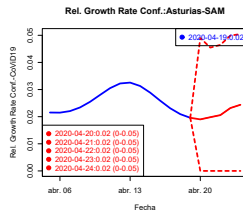
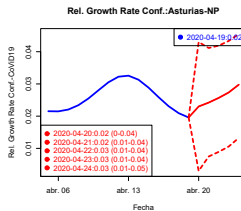
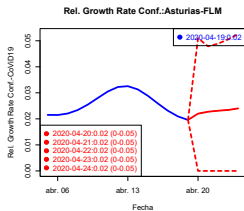
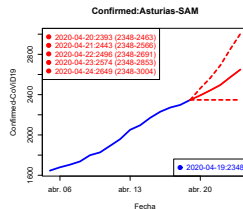
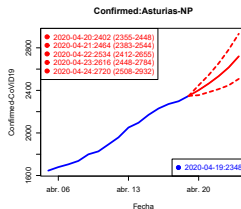
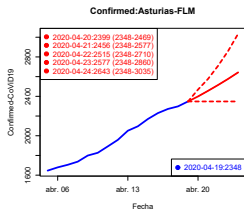


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Asturias

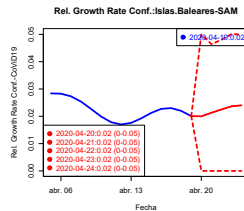
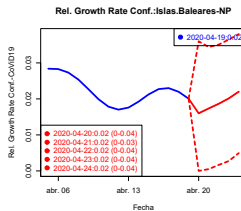
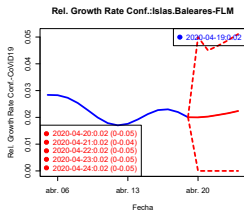
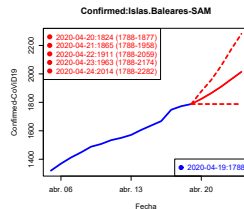
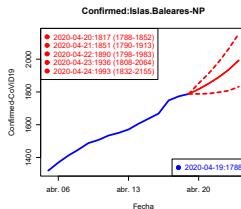
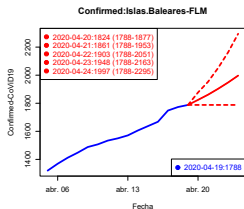


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Islas Baleares

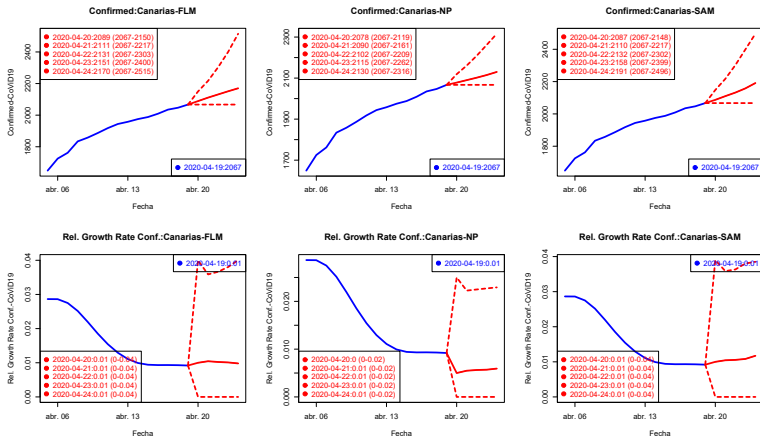


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Canarias

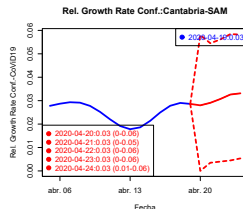
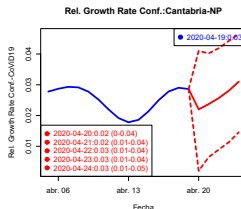
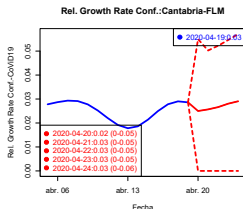
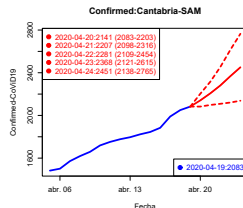
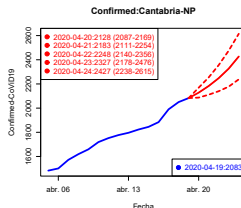
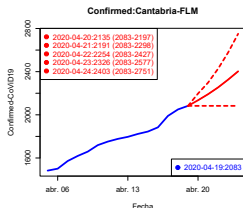


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Cantabria

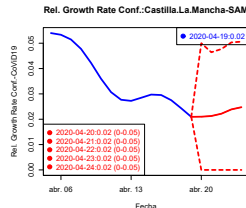
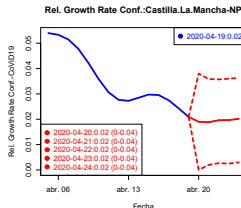
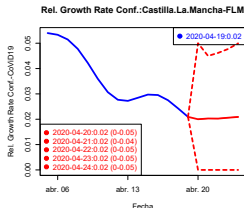
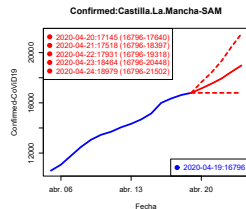
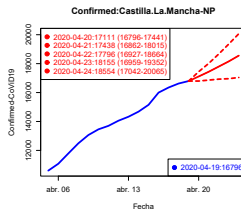
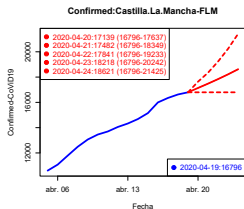


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Castilla-La Mancha

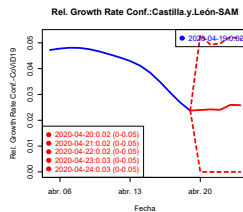
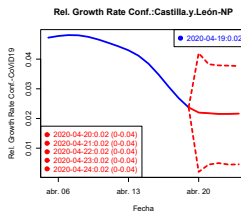
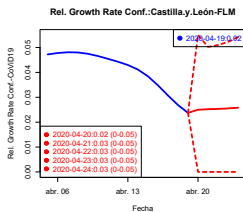
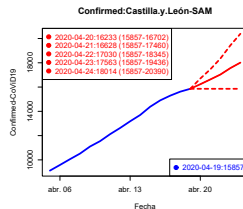
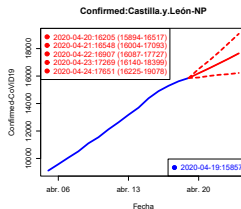
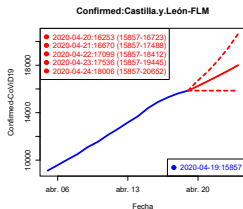


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Castilla y León

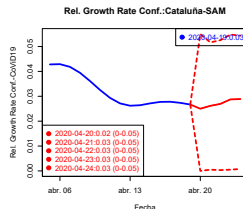
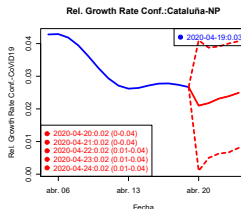
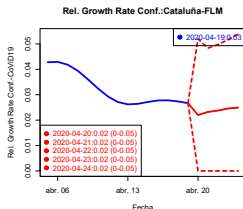
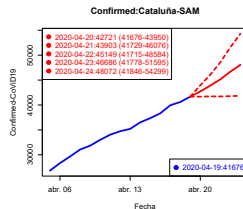
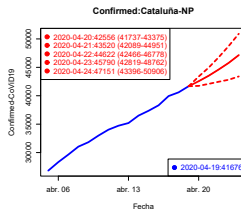
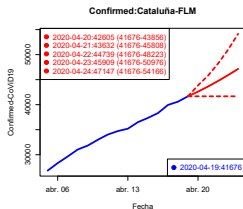


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Cataluña

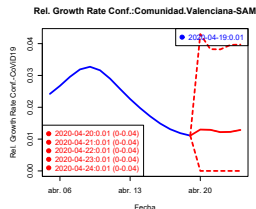
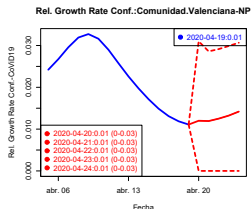
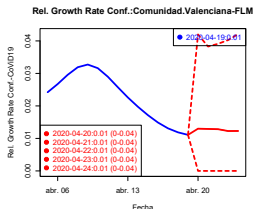
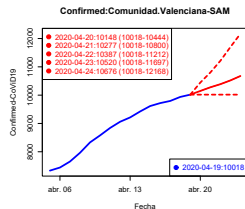
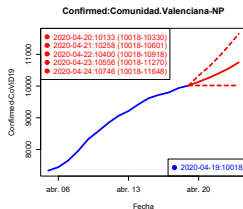
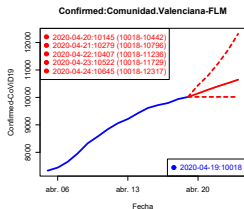


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: C. Valenciana



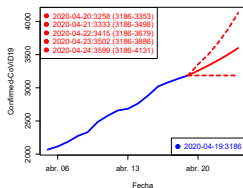
Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

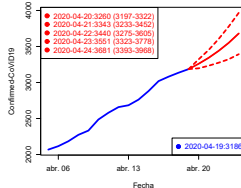
◀ Fallecidos

Confirmados: Extremadura

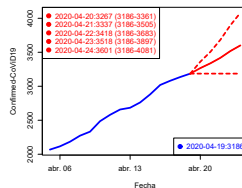
Confirmed:Extremadura-FLM



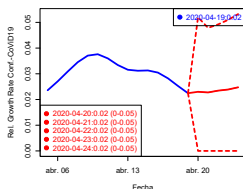
Confirmed:Extremadura-NP



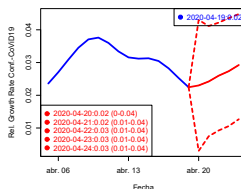
Confirmed:Extremadura-SAM



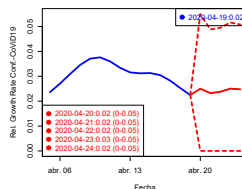
Rel. Growth Rate Conf.:Extremadura-FLM



Rel. Growth Rate Conf.:Extremadura-NP



Rel. Growth Rate Conf.:Extremadura-SAM

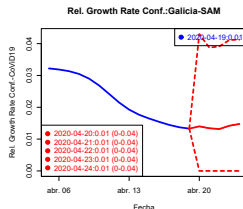
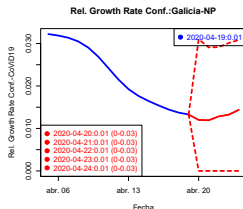
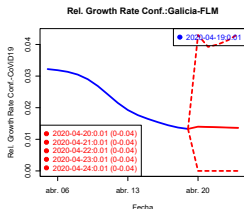
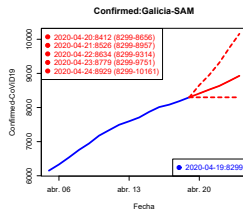
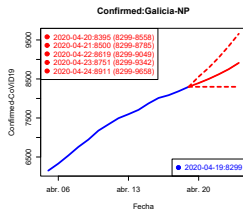
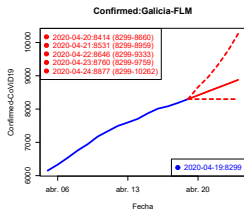


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Galicia

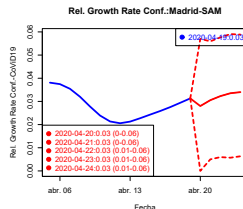
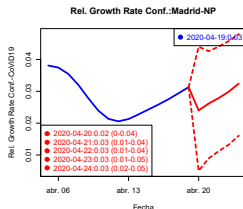
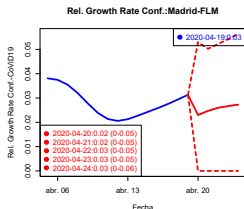
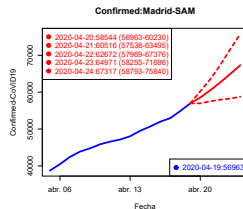
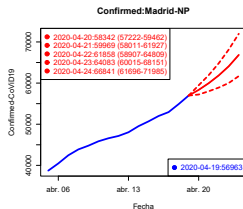
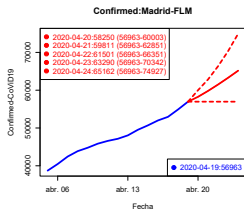


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Madrid

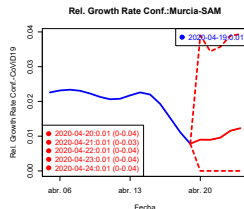
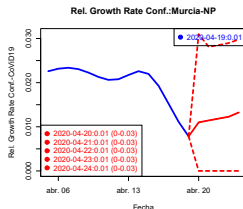
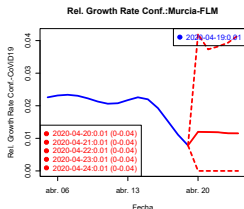
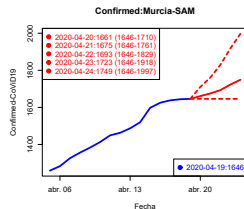
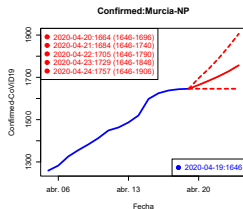
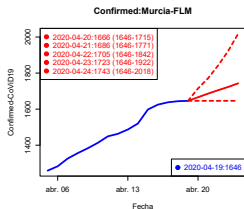


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

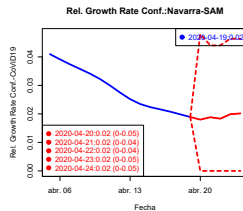
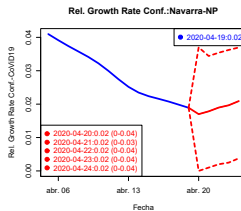
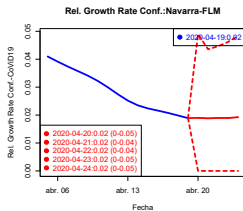
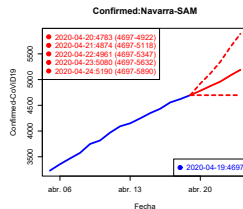
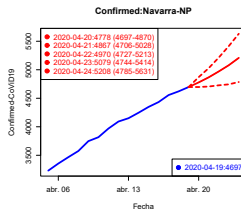
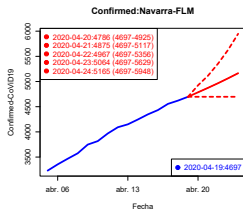
◀ Fallecidos

Confirmados: Murcia



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

Confirmados: Navarra

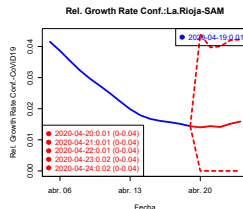
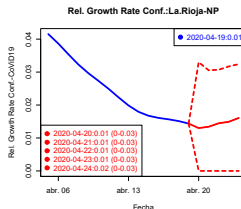
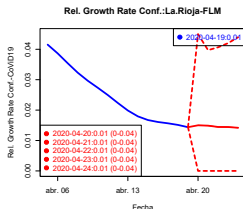
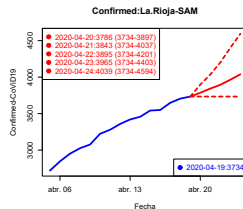
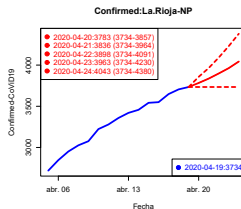
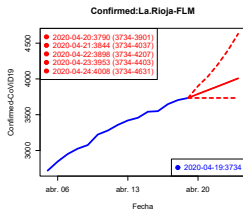


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ 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

17/04/2020: La serie online de fallecidos en Cataluña está en revisión.
En este informe se ha usado la serie de datos guardados anterior.

Número de datos funcionales: 5657

Países/Regiones distintos incorporados: 93

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	0.003	0.003	0.003	0.003	0.002	0.003	0.468	0.617	0.491
H2	0.011	0.006	0.009	0.007	0.005	0.007	0.552	0.747	0.619
H3	0.023	0.012	0.018	0.016	0.01	0.017	0.609	0.799	0.688
H4	0.044	0.023	0.033	0.028	0.017	0.029	0.635	0.821	0.722
H5	0.09	0.042	0.065	0.048	0.025	0.052	0.619	0.831	0.722

Tabla Previsión Fallecidos: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	20852	21198	21515	21815	22053	22232
Andalucía	1013	1033	1053	1070	1082	1086
Aragón	637	657	677	697	716	733
Asturias	200	206	213	219	225	230
Islas.Baleares	157	162	168	175	182	189
Canarias	119	122	124	126	128	131
Cantabria	158	163	168	172	176	179
Castilla.La.Mancha	2021	2063	2104	2145	2180	2211
Castilla.y.León	1493	1517	1538	1555	1566	1571
Cataluña	4009	4051	4083	4106	4111	4102
Ceuta	4	4	4	4	4	4
Comunidad.Valenciana	1079	1101	1121	1142	1159	1174
Extremadura	389	397	403	408	411	414
Galicia	352	360	367	374	380	385
Madrid	7351	7441	7521	7594	7646	7681
Melilla	2	2	2	2	2	2
Murcia	117	119	119	119	117	117
Navarra	385	408	433	465	502	543
País.Vasco	1081	1109	1137	1164	1189	1211
La.Rioja	285	291	297	302	305	307

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

Tabla Previsión Fallecidos: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	20852	21299	21776	22261	22705	23098
Andalucía	1013	1045	1079	1113	1146	1175
Aragón	637	659	681	704	726	746
Asturias	200	207	214	222	229	236
Islas.Baleares	157	162	167	172	176	180
Canarias	119	121	123	125	127	129
Cantabria	158	163	169	174	179	184
Castilla.La.Mancha	2021	2075	2132	2190	2243	2291
Castilla.y.León	1493	1528	1565	1603	1638	1668
Cataluña	4009	4077	4151	4229	4301	4364
Ceuta	4	4	4	4	5	5
Comunidad.Valenciana	1079	1105	1132	1159	1184	1207
Extremadura	389	398	409	419	428	436
Galicia	352	362	373	384	394	403
Madrid	7351	7468	7593	7730	7856	7968
Melilla	2	2	2	2	2	2
Murcia	117	120	124	128	131	134
Navarra	385	398	411	424	437	448
País.Vasco	1081	1114	1148	1183	1215	1245
La.Rioja	285	294	303	312	321	329

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

Tabla Previsión Fallecidos: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	20852	21292	21737	22288	22697	23137
Andalucía	1013	1034	1060	1087	1110	1128
Aragón	637	659	678	701	722	743
Asturias	200	206	213	220	226	230
Islas.Baleares	157	162	168	174	181	187
Canarias	119	123	126	131	134	137
Cantabria	158	165	169	174	180	185
Castilla.La.Mancha	2021	2068	2125	2189	2233	2279
Castilla.y.León	1493	1523	1554	1595	1621	1646
Cataluña	4009	4072	4143	4231	4291	4359
Ceuta	4	4	5	5	5	6
Comunidad.Valenciana	1079	1104	1128	1160	1184	1209
Extremadura	389	399	407	417	426	435
Galicia	352	361	369	379	388	396
Madrid	7351	7487	7621	7783	7926	8079
Melilla	2	2	2	2	2	2
Murcia	117	119	121	123	123	124
Navarra	385	418	470	510	560	608
País.Vasco	1081	1112	1142	1177	1207	1238
La.Rioja	285	292	299	306	312	317

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

Tabla Ratio Incr. Fallecidos: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	0.022	0.017	0.032	0.046	0.058	0.066
Andalucía	0.027	0.020	0.040	0.057	0.068	0.072
Aragón	0.040	0.031	0.062	0.094	0.124	0.150
Asturias	0.041	0.031	0.063	0.095	0.124	0.150
Islas.Baleares	0.045	0.034	0.070	0.112	0.157	0.204
Canarias	0.023	0.021	0.039	0.059	0.078	0.098
Cantabria	0.035	0.033	0.061	0.088	0.112	0.135
Castilla.La.Mancha	0.029	0.021	0.041	0.061	0.079	0.094
Castilla.y.León	0.022	0.016	0.030	0.042	0.049	0.052
Cataluña	0.016	0.010	0.018	0.024	0.025	0.023
Ceuta	0.000	0.004	0.000	0.000	0.000	0.000
Comunidad.Valenciana	0.025	0.020	0.039	0.058	0.075	0.088
Extremadura	0.019	0.019	0.035	0.048	0.057	0.063
Galicia	0.031	0.022	0.043	0.063	0.080	0.092
Madrid	0.017	0.012	0.023	0.033	0.040	0.045
Melilla	0.000	0.000	0.000	0.000	0.000	0.000
Murcia	0.013	0.015	0.021	0.017	0.003	0.000
Navarra	0.071	0.060	0.125	0.206	0.303	0.410
País.Vasco	0.032	0.026	0.051	0.077	0.100	0.120
La.Rioja	0.028	0.023	0.042	0.059	0.071	0.076

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	0.022	0.021	0.044	0.068	0.089	0.108
Andalucía	0.027	0.032	0.065	0.099	0.131	0.159
Aragón	0.040	0.034	0.069	0.106	0.140	0.171
Asturias	0.041	0.036	0.072	0.109	0.145	0.177
Islas.Baleares	0.045	0.030	0.061	0.092	0.121	0.147
Canarias	0.023	0.015	0.030	0.048	0.065	0.079
Cantabria	0.035	0.033	0.067	0.101	0.134	0.163
Castilla.La.Mancha	0.029	0.027	0.055	0.084	0.110	0.133
Castilla.y.León	0.022	0.023	0.048	0.074	0.097	0.117
Cataluña	0.016	0.017	0.035	0.055	0.073	0.088
Ceuta	0.000	0.023	0.051	0.079	0.105	0.126
Comunidad.Valenciana	0.025	0.024	0.049	0.074	0.098	0.118
Extremadura	0.019	0.024	0.050	0.076	0.100	0.122
Galicia	0.031	0.029	0.059	0.090	0.118	0.143
Madrid	0.017	0.016	0.033	0.052	0.069	0.084
Melilla	0.000	0.004	0.008	0.022	0.034	0.047
Murcia	0.013	0.028	0.058	0.089	0.118	0.143
Navarra	0.071	0.034	0.067	0.102	0.134	0.164
País.Vasco	0.032	0.030	0.062	0.094	0.124	0.151
La.Rioja	0.028	0.031	0.063	0.096	0.127	0.154

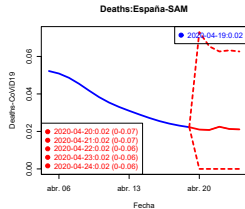
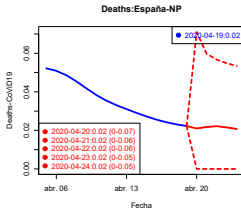
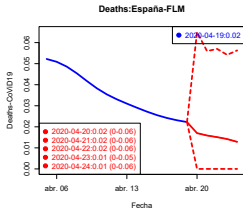
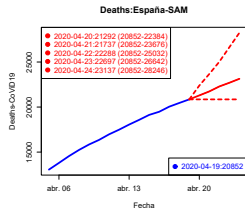
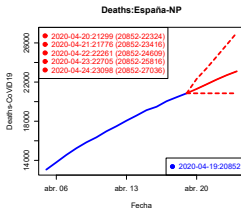
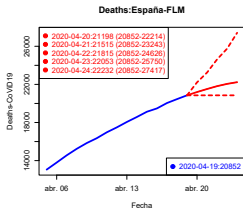
Table: Previsión Ratio Incr. Fallecidos: Mod. No Paramétrico - Horizonte 1 – 5 días.

Tabla Ratio Incr. Fallecidos: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	0.022	0.021	0.042	0.069	0.088	0.110
Andalucía	0.027	0.021	0.046	0.073	0.096	0.113
Aragón	0.040	0.034	0.064	0.101	0.133	0.166
Asturias	0.041	0.029	0.063	0.098	0.128	0.152
Islas.Baleares	0.045	0.034	0.072	0.110	0.151	0.192
Canarias	0.023	0.031	0.061	0.097	0.124	0.146
Cantabria	0.035	0.041	0.071	0.103	0.137	0.169
Castilla.La.Mancha	0.029	0.023	0.051	0.083	0.105	0.128
Castilla.y.León	0.022	0.020	0.041	0.068	0.085	0.103
Cataluña	0.016	0.016	0.033	0.055	0.070	0.087
Ceuta	0.000	0.044	0.163	0.204	0.281	0.355
Comunidad.Valenciana	0.025	0.024	0.046	0.075	0.097	0.120
Extremadura	0.019	0.026	0.047	0.072	0.095	0.117
Galicia	0.031	0.024	0.048	0.077	0.101	0.124
Madrid	0.017	0.019	0.037	0.059	0.078	0.099
Melilla	0.000	0.002	0.006	0.020	0.030	0.041
Murcia	0.013	0.020	0.035	0.048	0.055	0.055
Navarra	0.071	0.085	0.221	0.323	0.454	0.577
País.Vasco	0.032	0.028	0.056	0.089	0.117	0.145
La.Rioja	0.028	0.025	0.048	0.074	0.094	0.113

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

Fallecidos: España

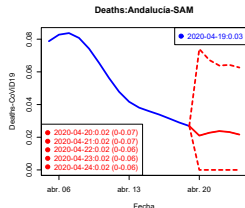
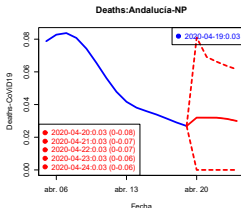
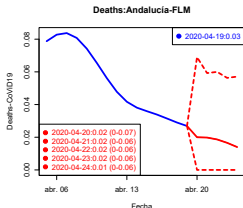
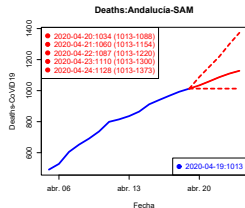
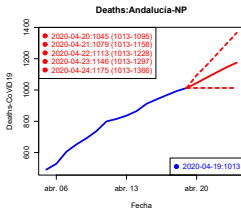
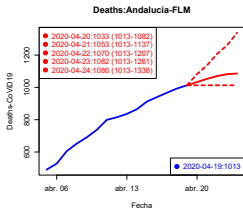


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Andalucía

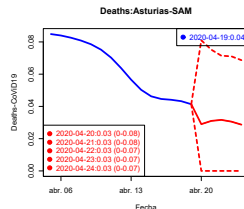
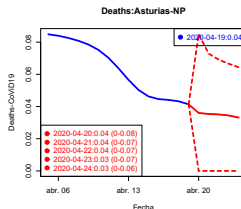
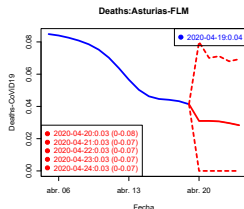
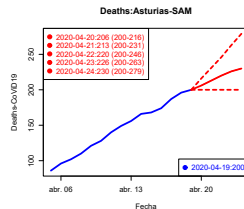
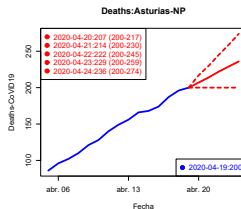
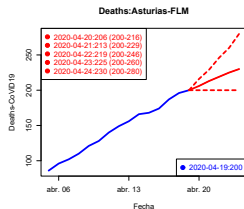


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

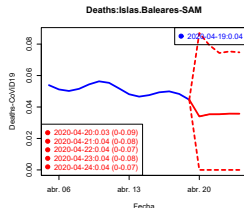
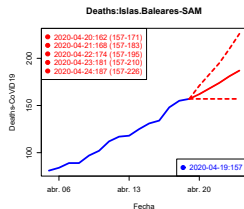
Fallecidos: Asturias



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

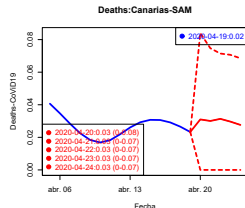
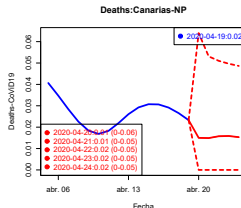
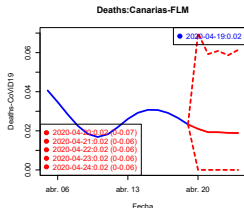
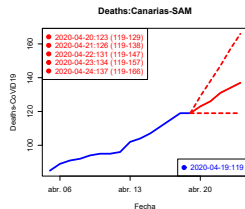
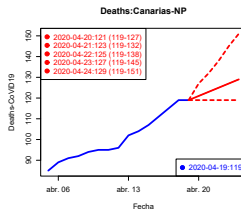
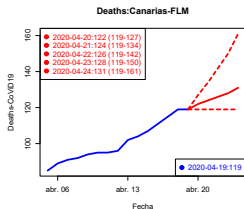
◀ Confirmados

◀ Fallecidos



◀ Confirmados ◀ Fallecidos

Fallecidos: Canarias

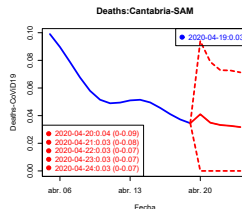
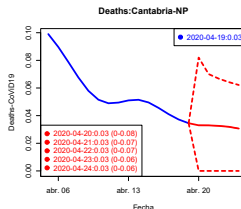
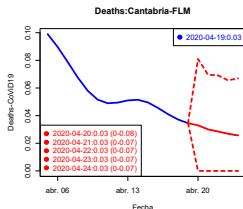
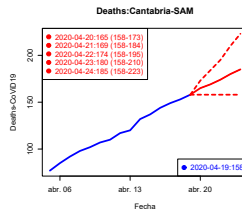
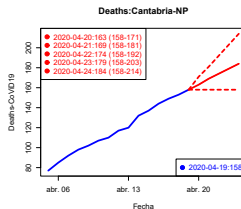
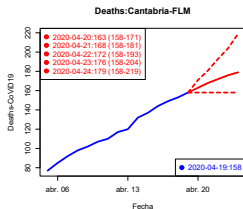


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Cantabria

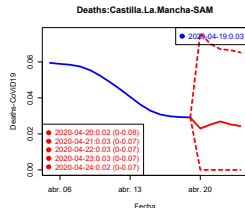
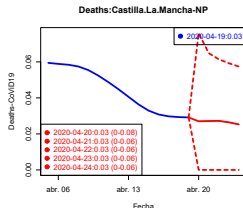
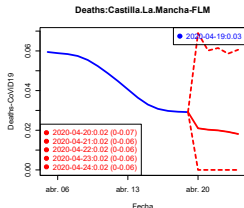
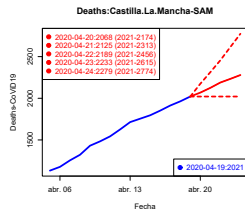
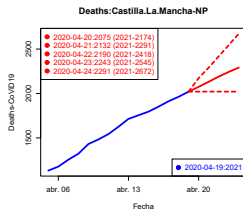
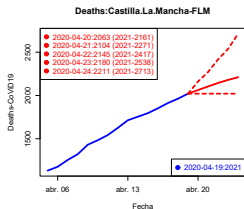


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

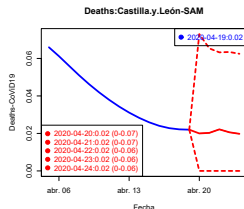
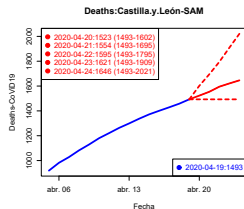
Fallecidos: Castilla-La Mancha



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

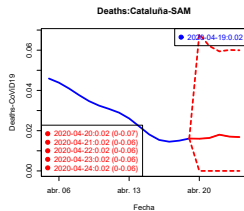
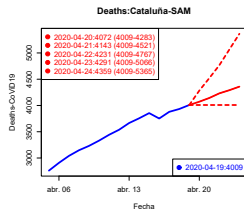
◀ Confirmados

◀ Fallecidos



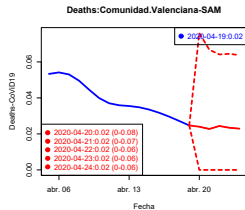
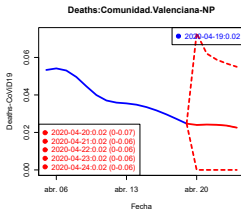
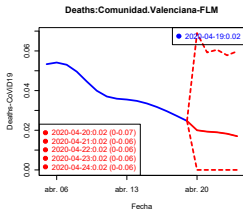
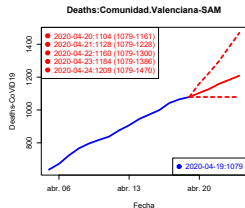
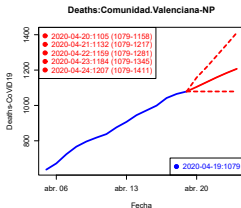
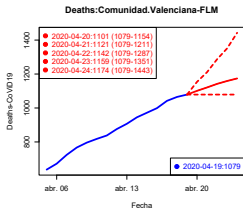
◀ Confirmados ▶ Fallecidos

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◀ Confirmados ▶ Fallecidos

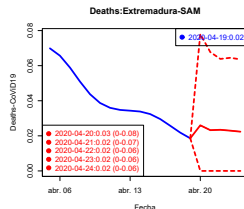
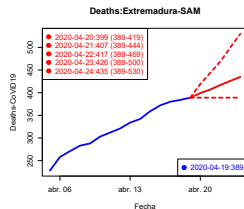
Fallecidos: C. Valenciana



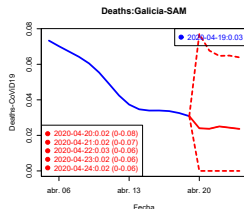
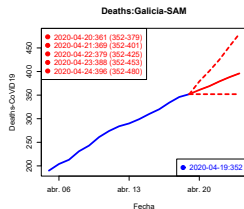
Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

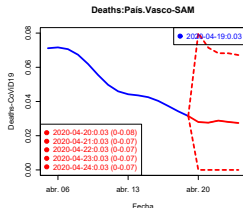
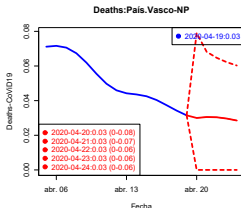
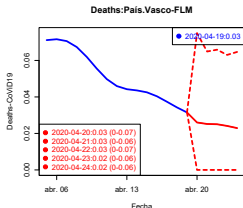
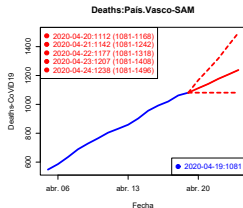
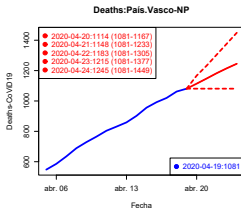
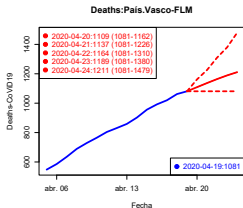


◀ Confirmados ▶ Fallecidos



◀ Confirmados ▶ Fallecidos

Fallecidos: País Vasco

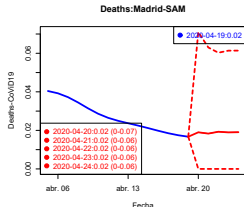
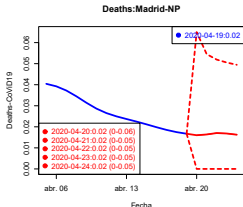
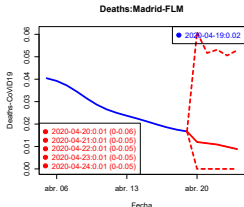
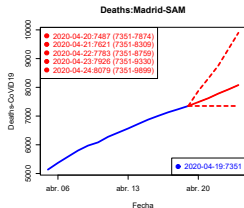
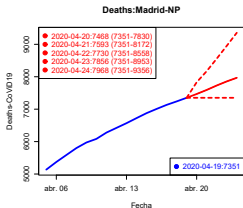
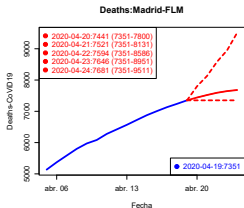


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

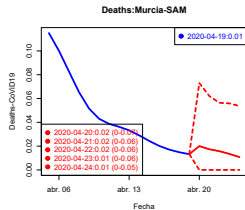
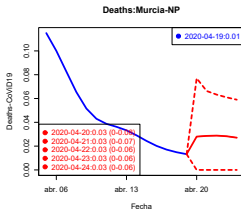
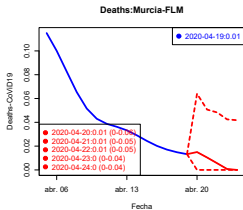
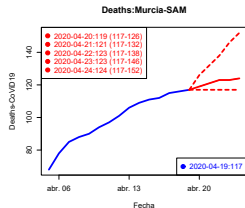
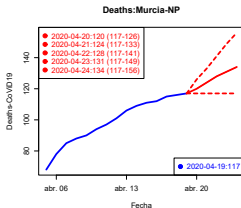
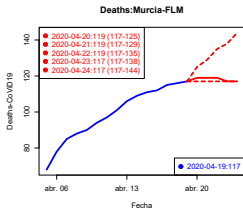
◀ Fallecidos

Fallecidos: Madrid



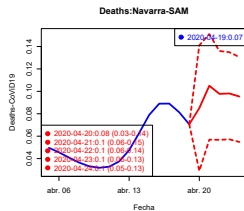
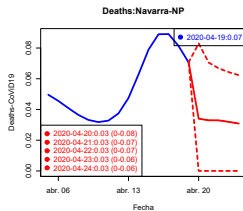
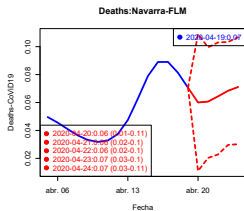
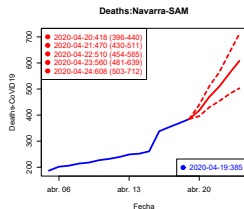
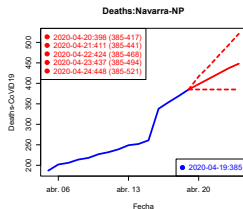
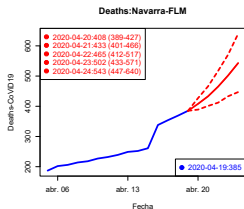
Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

Fallecidos: Murcia



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

Fallecidos: Navarra

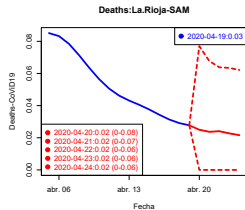
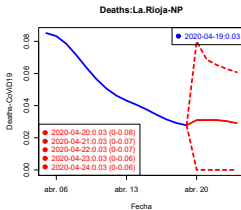
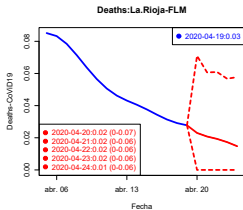
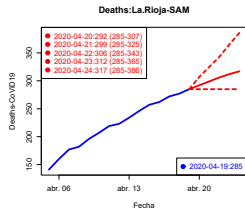
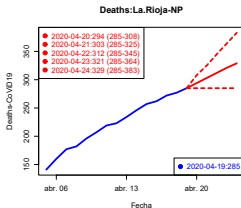
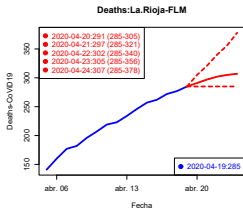


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ 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.