

Predicciones sobre CoViD-19

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DEPARTAMENTO DE ESTATÍSTICA,
ANÁLISE MATEMÁTICA E OPTIMIZACIÓN



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- Predicciones

- Predicciones Fallecidos

Datos

Número de datos funcionales: 5369

Países/Regiones distintos incorporados: 172

Predicciones:

▶ España

► Andalucía

► Aragón

► Asturias

► I. Balears

▶ **Canarias**

► **Cantabria**

► **Cataluña**

► **Castilla-La Mancha**

▶ Castilla y León

► C. Valenciana

► Extremadura

▶ País Vasco

▶ Galicia

▶ Madrid

► Murcia

▶ Navarra

► La Rioja

► Mod Lineal

▶ Mod NP

► Mod Aditivo

	σ_R^2			$\sigma_R^2(rob.)$			r^2		
Horiz	FLM	NP	SAM	FLM	NP	SAM	FLM	NP	SAM
H1	0.004	0.001	0.004	0.002	0.001	0.002	0.444	0.866	0.455
H2	0.009	0.003	0.009	0.007	0.002	0.007	0.581	0.894	0.597
H3	0.02	0.006	0.019	0.017	0.005	0.017	0.629	0.906	0.645
H4	0.041	0.013	0.039	0.035	0.01	0.034	0.626	0.907	0.644
H5	0.076	0.022	0.072	0.064	0.016	0.062	0.614	0.908	0.636

Último dato: 2020-04-27 21:00 que se publica 2020-04-28 12:00.

Tabla Previsión Confirmados: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	210773	211439	212544	213152	213086	212820
Andalucía	11913	12027	12143	12248	12339	12424
Aragón	5004	5050	5096	5136	5168	5198
Asturias	2255	2267	2276	2280	2281	2279
Islas.Baleares	1870	1886	1901	1914	1923	1932
Canarias	2187	2205	2223	2239	2253	2266
Cantabria	2115	2135	2155	2174	2191	2207
Castilla.La.Mancha	15706	15828	15942	16041	16120	16192
Castilla.y.León	16589	16818	17056	17281	17498	17698
Cataluña	48158	48857	49616	50348	51044	51755
Ceuta	100	100	101	101	100	100
Comunidad.Valenciana	10204	10280	10351	10413	10464	10509
Extremadura	2751	2766	2782	2794	2802	2807
Galicia	9328	9445	9569	9687	9794	9901
Madrid	59784	60292	60838	61288	61618	61909
Melilla	114	116	118	120	122	125
Murcia	1475	1482	1489	1494	1497	1499
Navarra	4759	4807	4854	4899	4941	4982
País.Vasco	12564	12703	12834	12967	13098	13223
La.Rioja	3897	3932	3966	3997	4025	4050

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

Tabla Previsión Confirmados: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	210773	212146	213570	214986	216378	217752
Andalucía	11913	11964	12017	12069	12119	12169
Aragón	5004	5027	5050	5073	5095	5117
Asturias	2255	2262	2269	2276	2282	2289
Islas.Baleares	1870	1879	1889	1898	1907	1916
Canarias	2187	2193	2199	2205	2211	2218
Cantabria	2115	2124	2134	2143	2153	2162
Castilla.La.Mancha	15706	15746	15788	15831	15872	15915
Castilla.y.León	16589	16738	16896	17056	17217	17379
Cataluña	48158	48742	49363	50011	50678	51375
Ceuta	100	100	100	101	101	101
Comunidad.Valenciana	10204	10232	10260	10288	10316	10344
Extremadura	2751	2757	2763	2769	2775	2781
Galicia	9328	9391	9457	9522	9587	9652
Madrid	59784	60224	60681	61139	61589	62033
Melilla	114	114	115	115	115	116
Murcia	1475	1477	1480	1483	1486	1489
Navarra	4759	4776	4793	4810	4826	4843
País.Vasco	12564	12603	12645	12686	12727	12768
La.Rioja	3897	3911	3924	3938	3951	3965

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

Tabla Previsión Confirmados: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	210773	212773	214597	216439	218941	221100
Andalucía	11913	12010	12096	12190	12313	12427
Aragón	5004	5041	5071	5104	5149	5187
Asturias	2255	2263	2269	2274	2281	2290
Islas.Baleares	1870	1883	1894	1905	1921	1934
Canarias	2187	2202	2212	2223	2240	2253
Cantabria	2115	2133	2148	2161	2181	2197
Castilla.La.Mancha	15706	15804	15872	15945	16061	16154
Castilla.y.León	16589	16802	17056	17363	17655	18077
Cataluña	48158	48828	49478	50030	50786	51406
Ceuta	100	100	100	100	100	101
Comunidad.Valenciana	10204	10270	10321	10382	10460	10543
Extremadura	2751	2764	2774	2786	2800	2814
Galicia	9328	9424	9512	9601	9729	9828
Madrid	59784	60264	60670	61082	61686	62159
Melilla	114	116	118	120	123	126
Murcia	1475	1479	1480	1481	1485	1485
Navarra	4759	4801	4840	4880	4928	4979
País.Vasco	12564	12697	12821	13000	13189	13456
La.Rioja	3897	3927	3952	3981	4018	4056

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

Tabla Ratio Incr. Confirmados: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	0.009	0.007	0.013	0.020	0.027	0.033
Andalucía	0.007	0.004	0.009	0.013	0.017	0.021
Aragón	0.006	0.005	0.009	0.014	0.018	0.023
Asturias	0.002	0.003	0.006	0.009	0.012	0.015
Islas.Baleares	0.006	0.005	0.010	0.015	0.020	0.025
Canarias	0.006	0.003	0.006	0.008	0.011	0.014
Cantabria	0.008	0.004	0.009	0.013	0.018	0.022
Castilla.La.Mancha	0.005	0.003	0.005	0.008	0.011	0.013
Castilla.y.León	0.013	0.009	0.019	0.028	0.038	0.048
Cataluña	0.014	0.012	0.025	0.038	0.052	0.067
Ceuta	0.000	0.002	0.003	0.005	0.007	0.009
Comunidad.Valenciana	0.005	0.003	0.005	0.008	0.011	0.014
Extremadura	0.003	0.002	0.004	0.007	0.009	0.011
Galicia	0.010	0.007	0.014	0.021	0.028	0.035
Madrid	0.007	0.007	0.015	0.023	0.030	0.038
Melilla	0.017	0.003	0.006	0.009	0.012	0.015
Murcia	0.001	0.002	0.003	0.005	0.007	0.009
Navarra	0.008	0.004	0.007	0.011	0.014	0.018
País.Vasco	0.009	0.003	0.006	0.010	0.013	0.016
La.Rioja	0.007	0.003	0.007	0.011	0.014	0.017

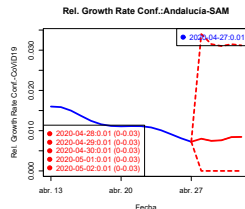
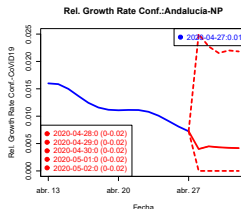
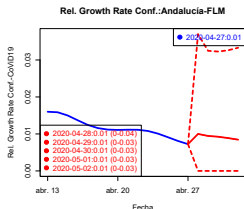
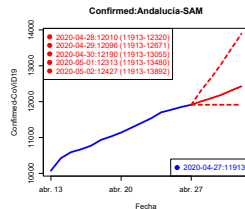
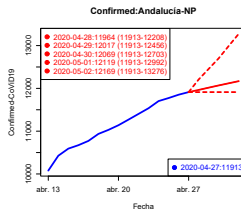
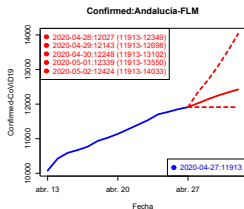
Table: Previsión Ratio Incr. Confirmados: Mod. No Paramétrico - Horizonte 1
- 5 días.

Tabla Ratio Incr. Confirmados: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	0.009	0.009	0.018	0.027	0.039	0.049
Andalucía	0.007	0.008	0.015	0.023	0.034	0.043
Aragón	0.006	0.007	0.013	0.020	0.029	0.037
Asturias	0.002	0.003	0.006	0.008	0.011	0.016
Islas.Baleares	0.006	0.007	0.013	0.019	0.027	0.034
Canarias	0.006	0.007	0.011	0.017	0.024	0.030
Cantabria	0.008	0.008	0.015	0.022	0.031	0.039
Castilla.La.Mancha	0.005	0.006	0.011	0.015	0.023	0.029
Castilla.y.León	0.013	0.013	0.028	0.047	0.064	0.090
Cataluña	0.014	0.014	0.027	0.039	0.055	0.067
Ceuta	0.000	0.002	0.002	0.003	0.003	0.005
Comunidad.Valenciana	0.005	0.006	0.011	0.017	0.025	0.033
Extremadura	0.003	0.005	0.008	0.013	0.018	0.023
Galicia	0.010	0.010	0.020	0.029	0.043	0.054
Madrid	0.007	0.008	0.015	0.022	0.032	0.040
Melilla	0.017	0.015	0.033	0.055	0.075	0.100
Murcia	0.001	0.003	0.003	0.004	0.007	0.007
Navarra	0.008	0.009	0.017	0.025	0.036	0.046
País.Vasco	0.009	0.011	0.020	0.035	0.050	0.071
La.Rioja	0.007	0.008	0.014	0.022	0.031	0.041

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

Confirmados: Andalucía

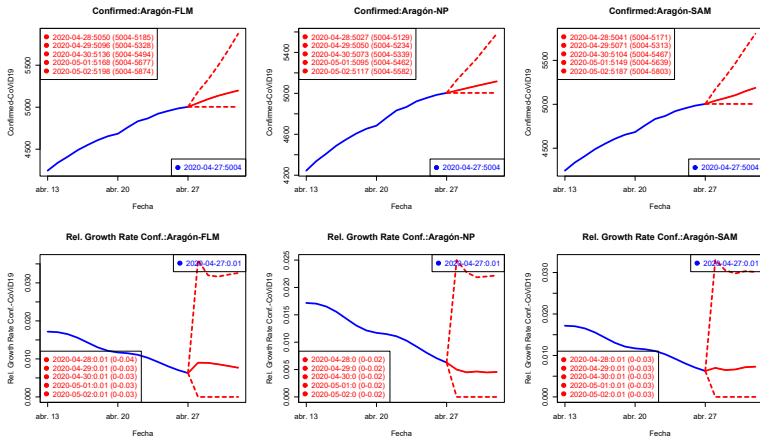


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Aragón

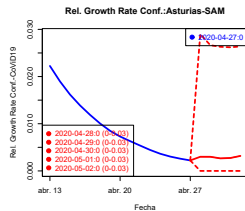
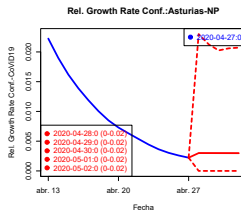
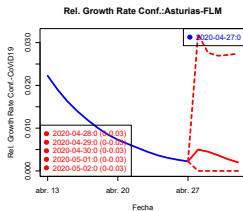
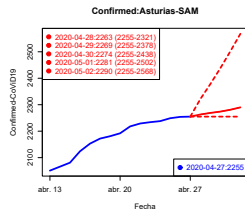
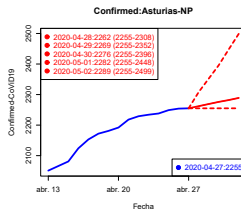
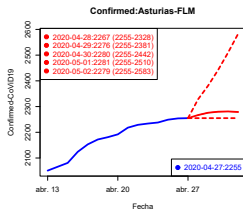


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Asturias

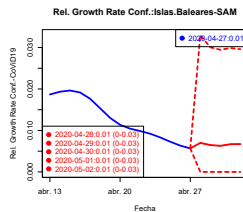
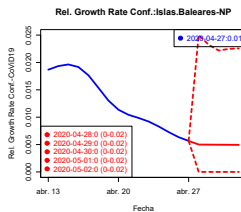
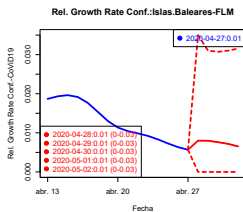
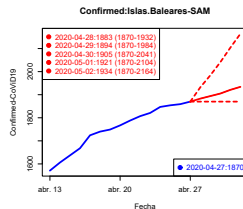
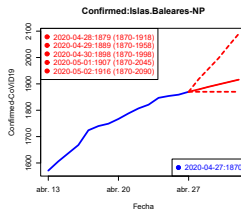
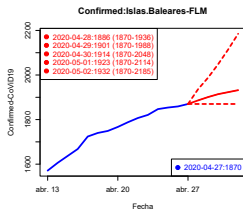


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Islas Baleares

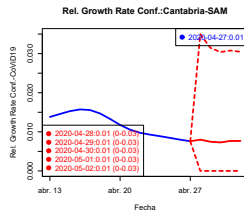
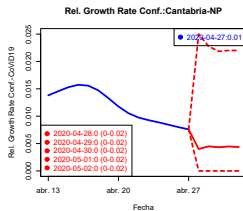
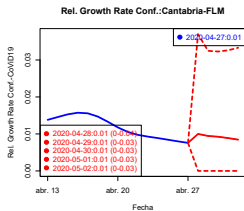
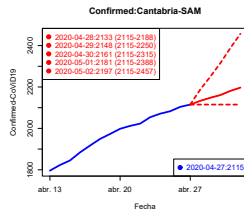
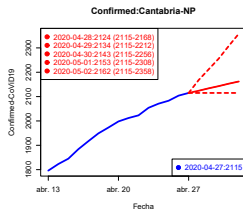
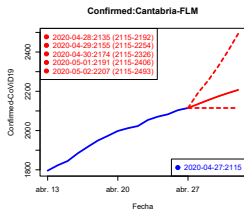


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Cantabria



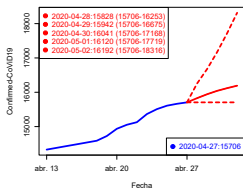
Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

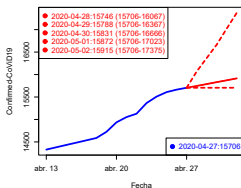
◀ Fallecidos

Confirmados: Castilla-La Mancha

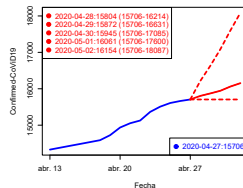
Confirmed:Castilla.La.Mancha-FLM



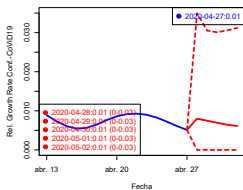
Confirmed:Castilla.La.Mancha-NP



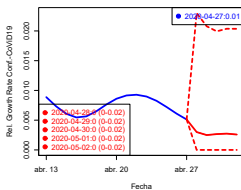
Confirmed:Castilla.La.Mancha-SAM



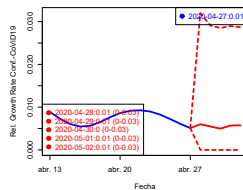
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Rel. Growth Rate Conf.:Castilla.La.Mancha-NP



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

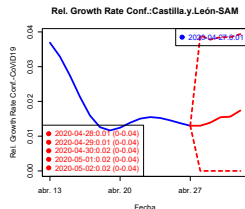
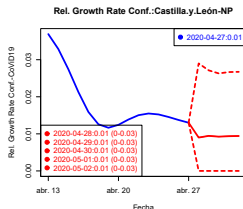
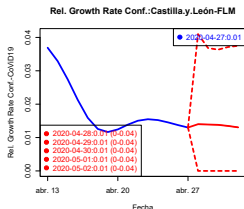
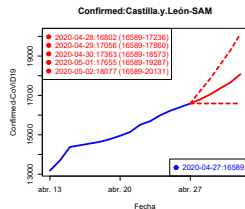
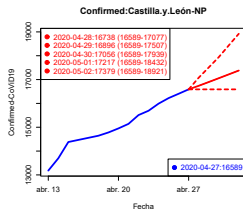
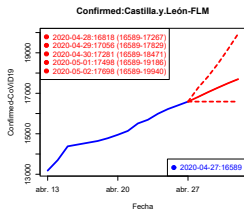


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

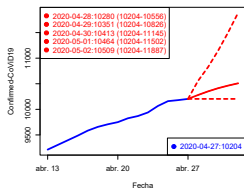
Confirmados: Castilla y León



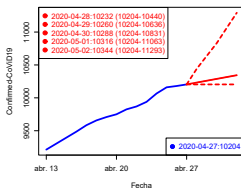
Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

Confirmados: C. Valenciana

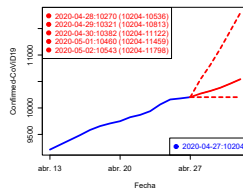
Confirmed:Comunidad.Valenciana-FLM



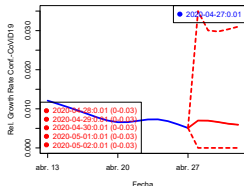
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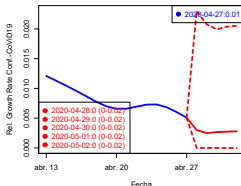
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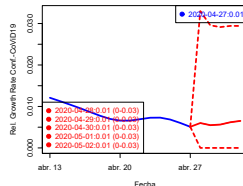
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Rel. Growth Rate Conf.:Comunidad.Valenciana-NP



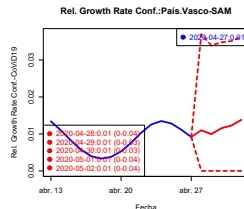
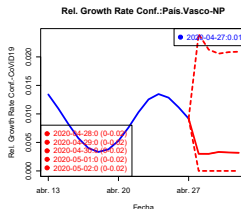
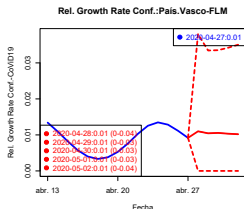
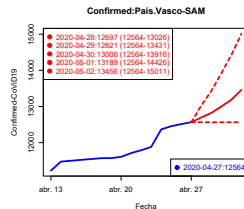
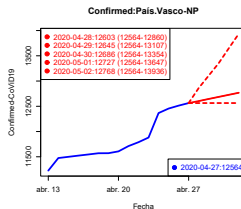
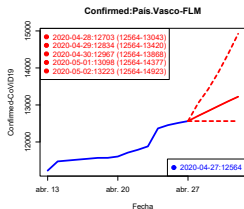
Rel. Growth Rate Conf.:Comunidad.Valenciana-SAM



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

[← Confirmados](#)
[← Fallecidos](#)

Confirmados: País Vasco

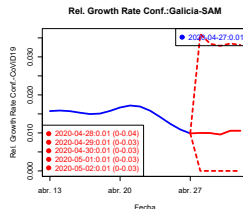
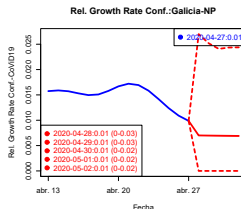
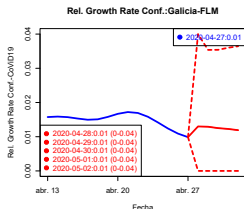
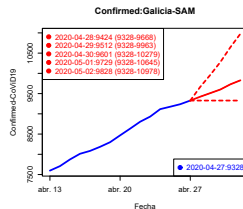
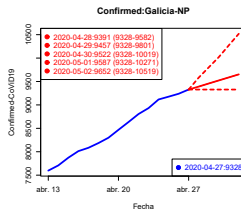
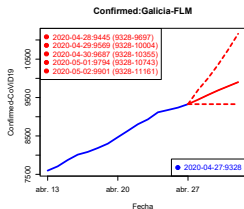


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Galicia

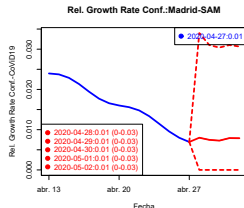
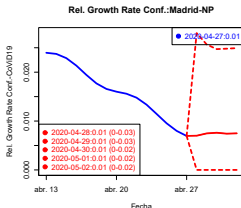
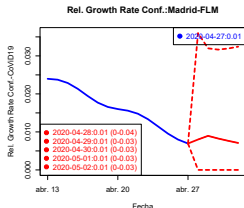
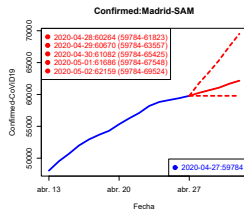
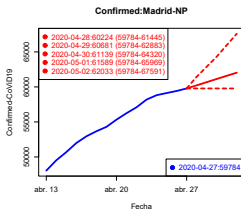
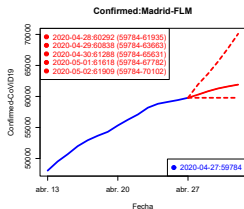


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Madrid

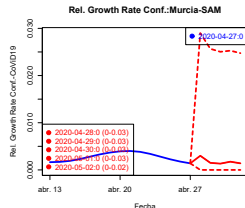
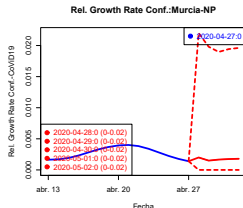
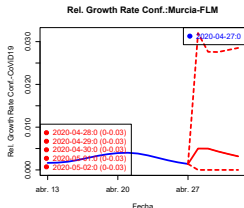
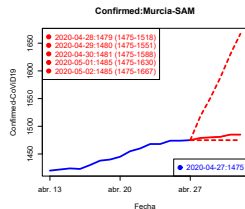
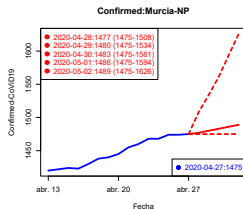
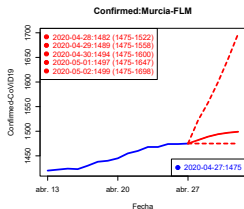


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

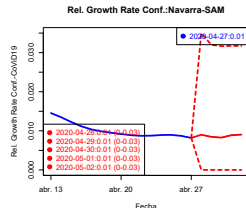
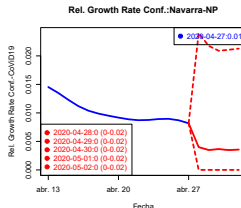
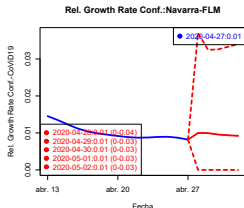
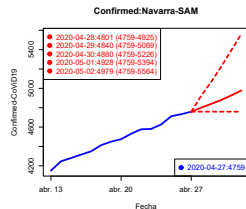
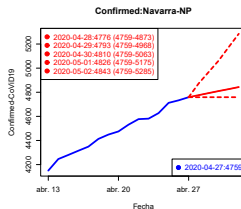
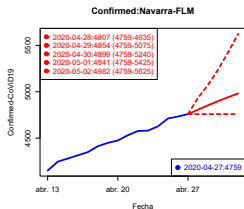
◀ Fallecidos

Confirmados: Murcia



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

Confirmados: Navarra

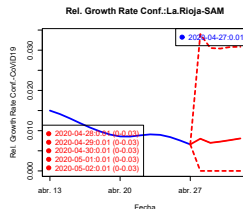
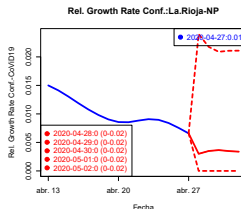
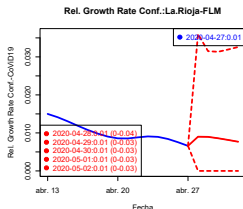
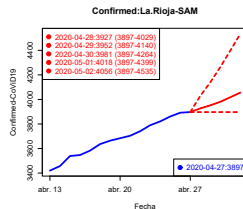
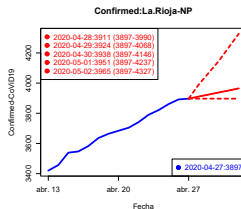
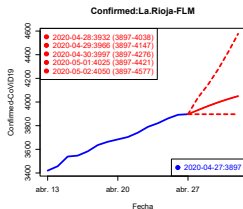


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: La Rioja



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

← Confirmados

← Fallecidos

Table of Contents

- 1 Casos Confirmados
 - Predicciones

- 2 Fallecidos
 - Predicciones Fallecidos

Modelos para fallecidos por CoViD-19

Número de datos funcionales: 6518

Países/Regiones distintos incorporados: 96

Predicciones:

▶ España

► Andalucía

► Aragón

► Asturias

► I. Balears

► **Canarias**

► Cantabria

► Castilla-La Mancha

► **Castilla y León**

▶ Catalunya

► 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	0.002	0.002	0.002	0.002	0.002	0.002	0.478	0.599	0.503
H2	0.007	0.005	0.007	0.005	0.004	0.005	0.576	0.735	0.617
H3	0.015	0.009	0.013	0.01	0.008	0.01	0.639	0.795	0.687
H4	0.028	0.015	0.023	0.02	0.013	0.018	0.667	0.822	0.732
H5	0.056	0.027	0.042	0.034	0.019	0.029	0.648	0.835	0.735

Tabla Previsión Fallecidos: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	23822	24102	24340	24472	24477	24370
Andalucía	1168	1184	1197	1205	1207	1204
Aragón	735	745	753	756	755	749
Asturias	261	268	274	281	287	293
Islas.Baleares	181	183	185	186	186	184
Canarias	133	134	136	136	136	135
Cantabria	188	191	193	194	194	193
Castilla.La.Mancha	2396	2433	2466	2489	2500	2502
Castilla.y.León	1710	1731	1751	1764	1769	1768
Cataluña	4808	4884	4952	5002	5031	5037
Ceuta	4	4	4	4	4	4
Comunidad.Valenciana	1200	1212	1221	1224	1219	1208
Extremadura	433	437	440	441	439	435
Galicia	412	418	423	427	430	431
Madrid	8048	8111	8159	8168	8133	8058
Melilla	2	2	2	2	2	2
Murcia	130	131	132	132	131	130
Navarra	432	435	437	436	432	432
País.Vasco	1255	1272	1286	1292	1291	1283
La.Rioja	326	330	333	334	333	331

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

Tabla Previsión Fallecidos: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	23822	24273	24709	25108	25478	25832
Andalucía	1168	1191	1213	1234	1252	1270
Aragón	735	751	767	782	795	808
Asturias	261	267	273	279	284	289
Islas.Baleares	181	185	189	192	196	199
Canarias	133	136	138	140	142	144
Cantabria	188	192	196	200	204	207
Castilla.La.Mancha	2396	2444	2490	2532	2572	2609
Castilla.y.León	1710	1741	1771	1798	1824	1848
Cataluña	4808	4911	5010	5101	5185	5265
Ceuta	4	4	4	4	4	4
Comunidad.Valenciana	1200	1222	1244	1264	1282	1300
Extremadura	433	441	449	456	462	468
Galicia	412	420	428	435	442	448
Madrid	8048	8181	8311	8430	8542	8649
Melilla	2	2	2	2	2	2
Murcia	130	132	134	136	138	140
Navarra	432	444	456	467	477	487
País.Vasco	1255	1281	1307	1330	1352	1373
La.Rioja	326	333	339	345	350	355

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

Tabla Previsión Fallecidos: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	23822	24118	24290	24495	24594	24601
Andalucía	1168	1184	1193	1203	1209	1210
Aragón	735	745	749	754	757	759
Asturias	261	268	271	276	280	283
Islas.Baleares	181	183	183	184	185	186
Canarias	133	135	136	137	138	138
Cantabria	188	191	192	194	196	196
Castilla.La.Mancha	2396	2432	2453	2477	2490	2490
Castilla.y.León	1710	1733	1747	1762	1765	1762
Cataluña	4808	4894	4927	4992	5037	5059
Ceuta	4	4	4	4	4	4
Comunidad.Valenciana	1200	1213	1221	1229	1234	1236
Extremadura	433	438	440	444	446	448
Galicia	412	419	420	425	427	428
Madrid	8048	8116	8194	8259	8290	8289
Melilla	2	2	2	2	2	2
Murcia	130	131	132	134	134	135
Navarra	432	433	435	435	434	438
País.Vasco	1255	1271	1280	1290	1294	1295
La.Rioja	326	330	332	334	336	336

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

Tabla Ratio Incr. Fallecidos: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	0.014	0.012	0.022	0.027	0.028	0.023
Andalucía	0.013	0.013	0.025	0.032	0.034	0.031
Aragón	0.015	0.013	0.024	0.029	0.027	0.019
Asturias	0.030	0.026	0.051	0.076	0.099	0.121
Islas.Baleares	0.014	0.011	0.021	0.026	0.025	0.017
Canarias	0.011	0.011	0.019	0.023	0.021	0.014
Cantabria	0.014	0.015	0.027	0.033	0.033	0.026
Castilla.La.Mancha	0.016	0.016	0.029	0.039	0.043	0.044
Castilla.y.León	0.015	0.013	0.024	0.032	0.035	0.034
Cataluña	0.023	0.016	0.030	0.040	0.046	0.048
Ceuta	0.000	0.000	0.000	0.000	0.000	0.000
Comunidad.Valenciana	0.010	0.010	0.017	0.020	0.016	0.007
Extremadura	0.013	0.009	0.016	0.018	0.014	0.004
Galicia	0.020	0.013	0.027	0.037	0.043	0.045
Madrid	0.009	0.008	0.014	0.015	0.011	0.001
Melilla	0.000	0.000	0.000	0.000	0.000	0.000
Murcia	0.010	0.009	0.014	0.014	0.008	0.000
Navarra	0.006	0.006	0.012	0.009	0.000	0.000
País.Vasco	0.013	0.013	0.024	0.030	0.029	0.022
La.Rioja	0.016	0.012	0.021	0.025	0.023	0.015

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	0.014	0.019	0.037	0.054	0.070	0.084
Andalucía	0.013	0.020	0.039	0.056	0.072	0.088
Aragón	0.015	0.022	0.044	0.064	0.082	0.099
Asturias	0.030	0.024	0.047	0.069	0.089	0.108
Islas.Baleares	0.014	0.022	0.043	0.063	0.081	0.098
Canarias	0.011	0.019	0.037	0.053	0.069	0.083
Cantabria	0.014	0.023	0.044	0.065	0.083	0.101
Castilla.La.Mancha	0.016	0.020	0.039	0.057	0.073	0.089
Castilla.y.León	0.015	0.018	0.035	0.051	0.066	0.081
Cataluña	0.023	0.021	0.042	0.061	0.078	0.095
Ceuta	0.000	0.014	0.027	0.040	0.052	0.064
Comunidad.Valenciana	0.010	0.019	0.037	0.053	0.068	0.083
Extremadura	0.013	0.018	0.036	0.052	0.067	0.081
Galicia	0.020	0.020	0.039	0.056	0.073	0.088
Madrid	0.009	0.017	0.033	0.048	0.061	0.075
Melilla	0.000	0.014	0.027	0.040	0.052	0.064
Murcia	0.010	0.017	0.033	0.048	0.063	0.076
Navarra	0.006	0.028	0.055	0.081	0.105	0.127
País.Vasco	0.013	0.021	0.041	0.060	0.077	0.094
La.Rioja	0.016	0.020	0.039	0.057	0.073	0.089

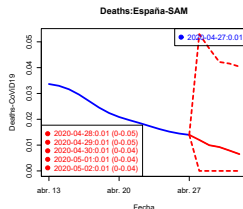
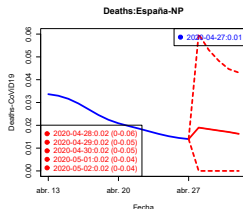
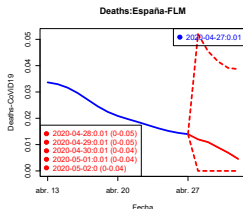
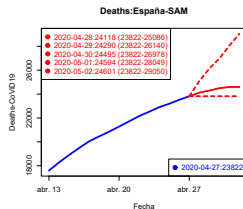
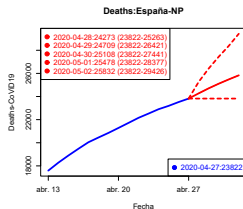
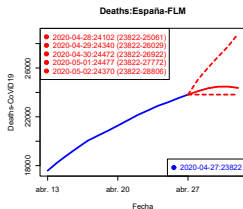
Table: Previsión Ratio Incr. Fallecidos: Mod. No Paramétrico - Horizonte 1 – 5 días.

Tabla Ratio Incr. Fallecidos: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	0.014	0.012	0.020	0.028	0.032	0.033
Andalucía	0.013	0.013	0.021	0.030	0.035	0.036
Aragón	0.015	0.014	0.019	0.026	0.030	0.032
Asturias	0.030	0.026	0.038	0.059	0.074	0.084
Islas.Baleares	0.014	0.012	0.012	0.019	0.021	0.025
Canarias	0.011	0.012	0.019	0.028	0.034	0.037
Cantabria	0.014	0.014	0.023	0.032	0.040	0.044
Castilla.La.Mancha	0.016	0.015	0.024	0.034	0.039	0.039
Castilla.y.León	0.015	0.013	0.021	0.030	0.032	0.030
Cataluña	0.023	0.018	0.025	0.038	0.048	0.052
Ceuta	0.000	0.001	0.020	0.032	0.046	0.060
Comunidad.Valenciana	0.010	0.011	0.017	0.024	0.028	0.030
Extremadura	0.013	0.011	0.017	0.024	0.030	0.035
Galicia	0.020	0.016	0.020	0.031	0.036	0.039
Madrid	0.009	0.008	0.018	0.026	0.030	0.030
Melilla	0.000	0.002	0.021	0.036	0.054	0.074
Murcia	0.010	0.008	0.019	0.027	0.034	0.036
Navarra	0.006	0.003	0.008	0.007	0.006	0.014
País.Vasco	0.013	0.013	0.020	0.028	0.031	0.032
La.Rioja	0.016	0.012	0.019	0.026	0.030	0.031

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

Fallecidos: España

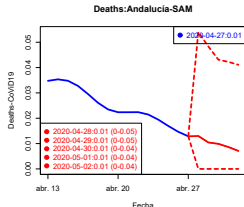
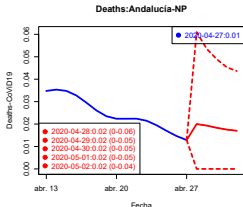
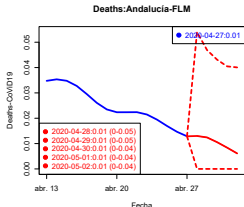
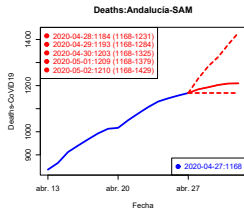
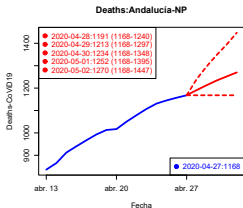
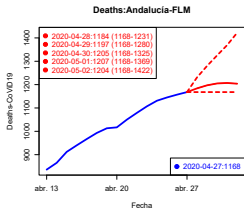


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Andalucía

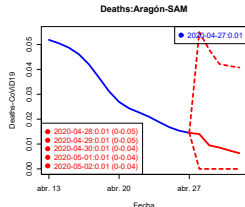
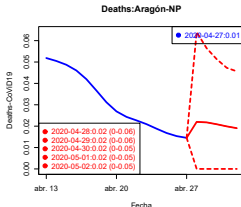
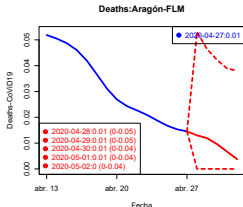
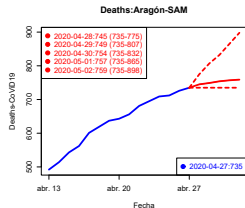
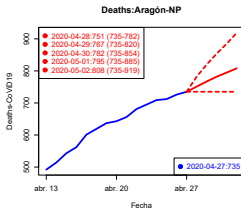
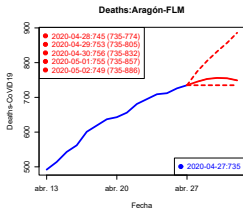


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Aragón

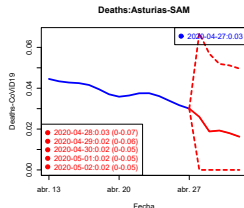
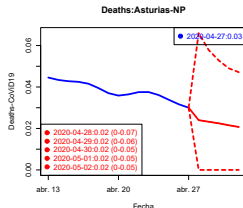
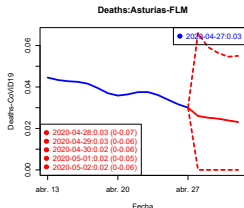
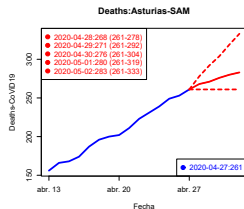
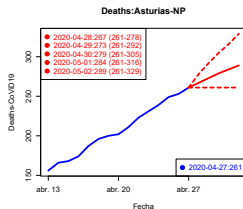
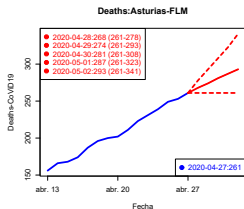


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

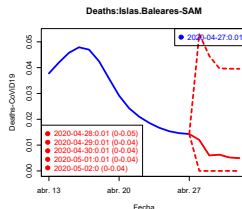
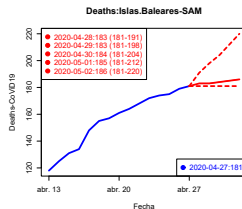
Fallecidos: Asturias



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

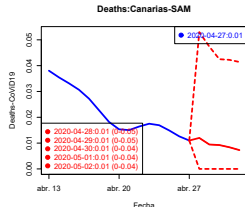
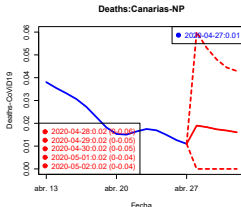
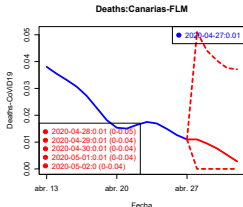
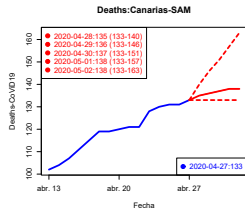
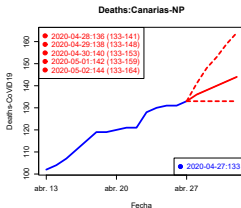
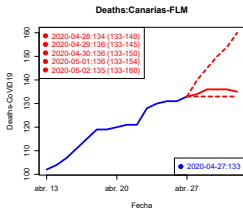
◀ Confirmados

◀ Fallecidos



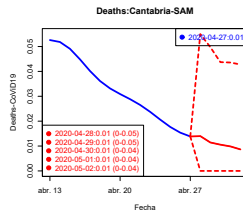
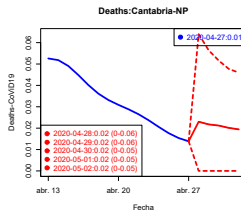
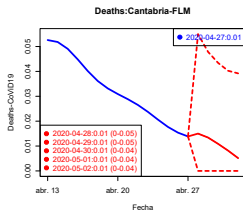
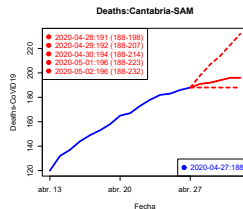
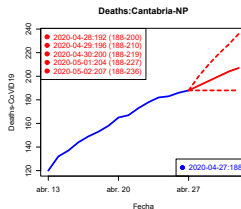
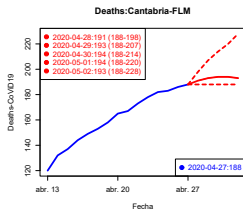
◀ Confirmados ◀ Fallecidos

Fallecidos: Canarias



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

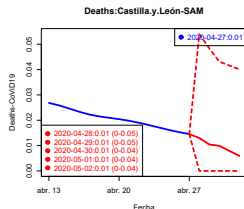
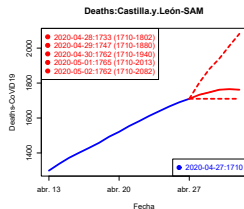
Fallecidos: Cantabria



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

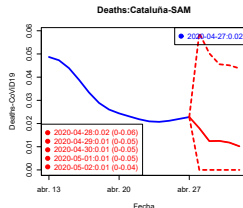
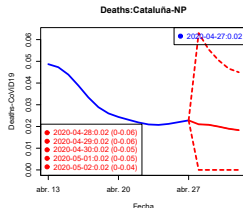
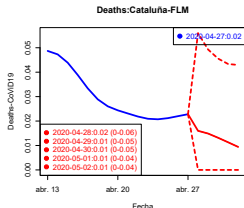
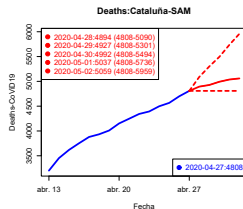
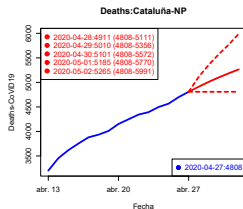
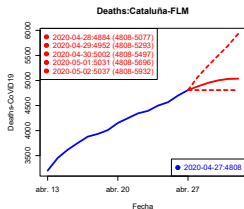
◀ Confirmados

◀ Fallecidos



◀ Confirmados ◀ Fallecidos

Fallecidos: Cataluña

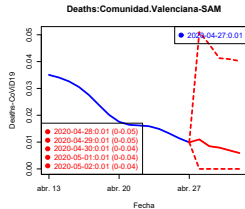
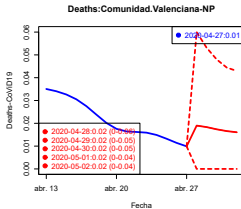
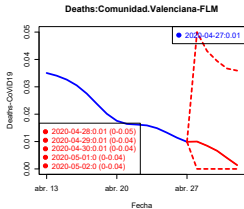
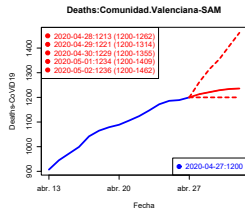
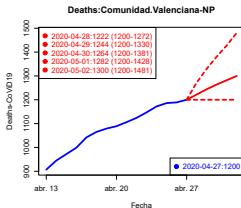
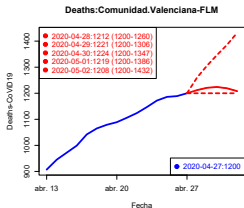


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

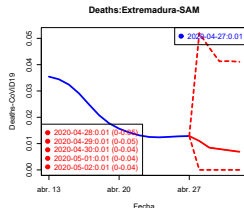
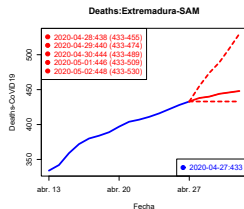
Fallecidos: C. Valenciana



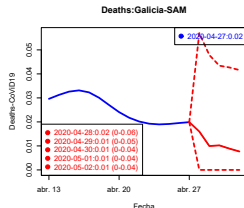
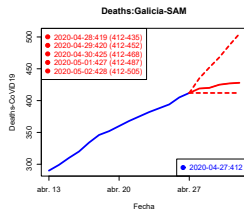
Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

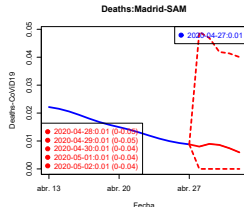
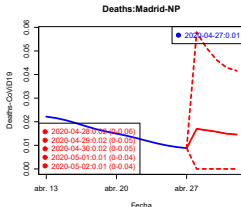
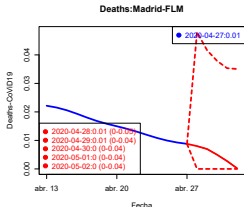
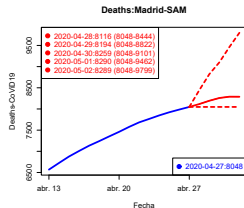
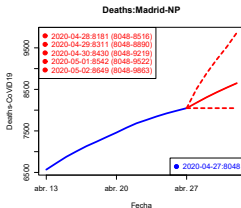
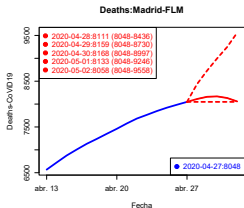


◀ Confirmados ◀ Fallecidos



◀ Confirmados ◀ Fallecidos

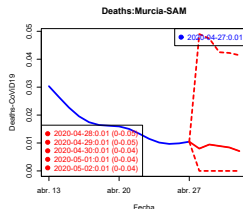
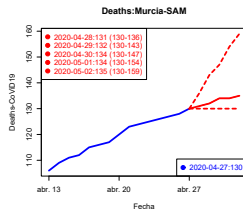
Fallecidos: Madrid



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

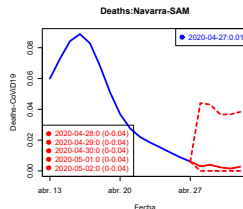
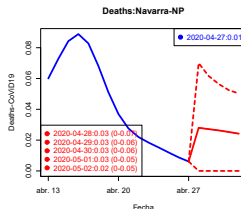
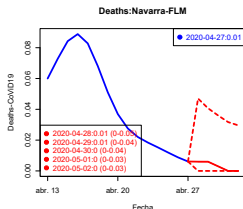
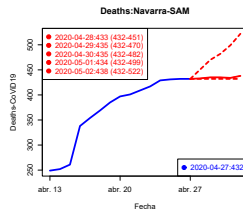
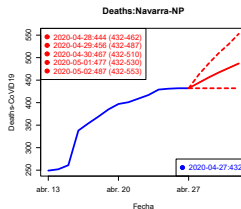
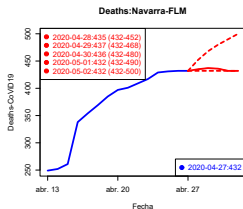
◀ Confirmados

◀ Fallecidos



◀ Confirmados ◀ Fallecidos

Fallecidos: Navarra

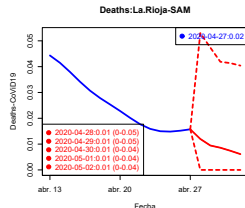
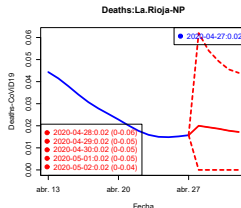
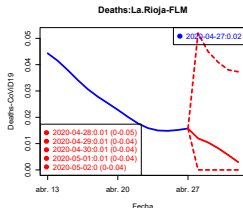
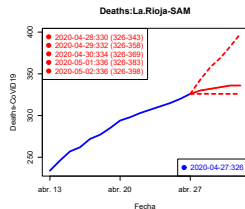
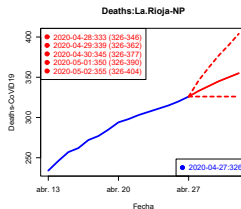
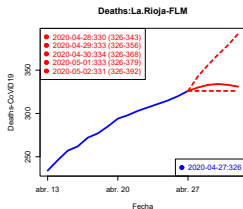


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ 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.