

Predicciones sobre CoViD-19

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DEPARTAMENTO DE ESTATÍSTICA,
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- Predicciones

- Predicciones Fallecidos

Datos

Número de datos funcionales: 5069

Países/Regiones distintos incorporados: 168

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	0.001	0.001	0.001	0.001	0.001	0.001	0.524	0.736	0.534
H2	0.003	0.002	0.003	0.003	0.002	0.003	0.642	0.811	0.654
H3	0.007	0.004	0.006	0.007	0.004	0.006	0.684	0.835	0.695
H4	0.012	0.007	0.011	0.012	0.007	0.012	0.702	0.844	0.71
H5	0.019	0.011	0.018	0.021	0.012	0.021	0.709	0.847	0.719

Último dato: 2020-05-01 21:00 que se publica 2020-05-02 12:00.

Tabla Previsión Confirmados: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	216582	217542	218236	218610	218870	219073
Andalucía	12207	12287	12362	12432	12501	12571
Aragón	5136	5169	5200	5231	5261	5299
Asturias	2303	2315	2327	2339	2350	2362
Islas.Baleares	1902	1912	1920	1928	1935	1942
Canarias	2212	2221	2229	2236	2241	2247
Cantabria	2201	2221	2241	2261	2281	2302
Castilla.La.Mancha	15967	16045	16116	16179	16235	16298
Castilla.y.León	17165	17321	17474	17624	17773	17933
Cataluña	49850	50313	50754	51158	51540	51921
Ceuta	101	101	102	102	102	102
Comunidad.Valenciana	10411	10472	10526	10575	10623	10672
Extremadura	2824	2843	2863	2882	2901	2922
Galicia	8902	8902	8902	8902	8902	8902
Madrid	62073	62511	62921	63332	63740	64150
Melilla	115	116	117	118	118	119
Murcia	1491	1496	1501	1506	1509	1513
Navarra	4888	4926	4962	4996	5029	5063
País.Vasco	12887	12983	13070	13150	13232	13321
La.Rioja	3947	3967	3983	3997	4009	4021

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

Tabla Previsión Confirmados: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	216582	217519	218433	219299	220165	221009
Andalucía	12207	12247	12286	12324	12363	12401
Aragón	5136	5153	5169	5185	5201	5218
Asturias	2303	2308	2313	2318	2323	2328
Islas.Baleares	1902	1908	1914	1919	1925	1930
Canarias	2212	2217	2223	2228	2233	2238
Cantabria	2201	2210	2218	2226	2234	2242
Castilla.La.Mancha	15967	16006	16045	16084	16123	16164
Castilla.y.León	17165	17243	17320	17392	17465	17538
Cataluña	49850	50265	50668	51049	51429	51789
Ceuta	101	101	101	101	102	102
Comunidad.Valenciana	10411	10435	10459	10483	10508	10534
Extremadura	2824	2829	2835	2841	2847	2853
Galicia	8902	8928	8953	8976	9000	9023
Madrid	62073	62368	62655	62927	63199	63463
Melilla	115	115	116	116	116	117
Murcia	1491	1494	1496	1499	1502	1505
Navarra	4888	4903	4917	4931	4946	4960
País.Vasco	12887	12922	12958	12993	13029	13066
La.Rioja	3947	3957	3967	3977	3987	3998

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

Tabla Previsión Confirmados: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	216582	217793	218876	219814	220864	221554
Andalucía	12207	12268	12323	12370	12430	12464
Aragón	5136	5161	5185	5208	5235	5257
Asturias	2303	2313	2323	2334	2345	2359
Islas.Baleares	1902	1910	1914	1918	1925	1926
Canarias	2212	2217	2220	2222	2226	2224
Cantabria	2201	2220	2239	2257	2278	2300
Castilla.La.Mancha	15967	16013	16057	16089	16130	16137
Castilla.y.León	17165	17289	17413	17519	17650	17726
Cataluña	49850	50266	50686	51080	51386	51737
Ceuta	101	101	101	102	102	102
Comunidad.Valenciana	10411	10456	10492	10524	10572	10591
Extremadura	2824	2841	2859	2878	2898	2921
Galicia	8902	8902	8902	8902	8902	8902
Madrid	62073	62476	62901	63299	63780	64235
Melilla	115	116	116	117	117	118
Murcia	1491	1494	1497	1500	1503	1507
Navarra	4888	4920	4948	4975	5003	5026
País.Vasco	12887	12951	13001	13036	13112	13093
La.Rioja	3947	3959	3966	3970	3977	3972

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	0.007	0.004	0.008	0.009	0.011	0.012
Andalucía	0.006	0.007	0.013	0.018	0.024	0.030
Aragón	0.006	0.006	0.012	0.019	0.024	0.030
Asturias	0.005	0.005	0.010	0.016	0.021	0.026
Islas.Baleares	0.004	0.005	0.010	0.014	0.018	0.021
Canarias	0.002	0.004	0.008	0.011	0.013	0.016
Cantabria	0.009	0.009	0.018	0.027	0.037	0.046
Castilla.La.Mancha	0.004	0.005	0.009	0.013	0.017	0.021
Castilla.y.León	0.009	0.009	0.018	0.027	0.035	0.045
Cataluña	0.009	0.009	0.018	0.026	0.034	0.042
Ceuta	0.001	0.003	0.006	0.008	0.010	0.011
Comunidad.Valenciana	0.005	0.006	0.011	0.016	0.020	0.025
Extremadura	0.006	0.007	0.014	0.021	0.027	0.035
Galicia	-0.007	0.000	0.000	0.000	0.000	0.000
Madrid	0.008	0.007	0.014	0.020	0.027	0.033
Melilla	0.004	0.007	0.015	0.022	0.028	0.034
Murcia	0.002	0.004	0.007	0.010	0.012	0.015
Navarra	0.007	0.008	0.015	0.022	0.029	0.036
País.Vasco	0.007	0.007	0.014	0.020	0.027	0.034
La.Rioja	0.003	0.005	0.009	0.013	0.016	0.019

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	0.007	0.004	0.009	0.013	0.017	0.020
Andalucía	0.006	0.003	0.007	0.010	0.013	0.016
Aragón	0.006	0.003	0.007	0.010	0.013	0.016
Asturias	0.005	0.002	0.004	0.006	0.009	0.011
Islas.Baleares	0.004	0.003	0.006	0.009	0.012	0.015
Canarias	0.002	0.002	0.005	0.007	0.010	0.012
Cantabria	0.009	0.004	0.008	0.011	0.015	0.019
Castilla.La.Mancha	0.004	0.002	0.005	0.007	0.010	0.012
Castilla.y.León	0.009	0.005	0.009	0.013	0.017	0.022
Cataluña	0.009	0.008	0.016	0.024	0.032	0.039
Ceuta	0.001	0.002	0.003	0.005	0.006	0.008
Comunidad.Valenciana	0.005	0.002	0.005	0.007	0.009	0.012
Extremadura	0.006	0.002	0.004	0.006	0.008	0.010
Galicia	-0.007	0.003	0.006	0.008	0.011	0.014
Madrid	0.008	0.005	0.009	0.014	0.018	0.022
Melilla	0.004	0.003	0.005	0.008	0.011	0.013
Murcia	0.002	0.002	0.003	0.005	0.007	0.009
Navarra	0.007	0.003	0.006	0.009	0.012	0.015
País.Vasco	0.007	0.003	0.006	0.008	0.011	0.014
La.Rioja	0.003	0.003	0.005	0.008	0.010	0.013

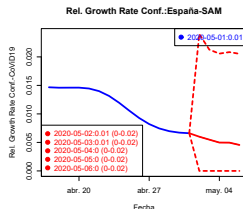
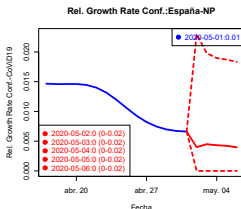
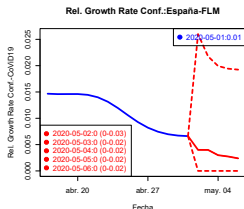
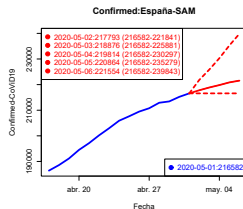
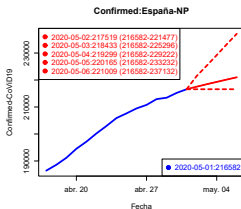
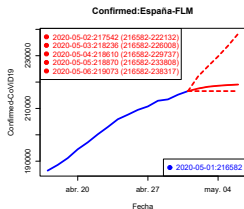
Table: Previsión Ratio Incr. Confirmados: Mod. No Paramétrico - Horizonte 1
– 5 días.

Tabla Ratio Incr. Confirmados: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	0.007	0.006	0.011	0.015	0.020	0.023
Andalucía	0.006	0.005	0.009	0.013	0.018	0.021
Aragón	0.006	0.005	0.010	0.014	0.019	0.023
Asturias	0.005	0.004	0.009	0.013	0.018	0.024
Islas.Baleares	0.004	0.004	0.006	0.008	0.012	0.013
Canarias	0.002	0.002	0.004	0.005	0.006	0.006
Cantabria	0.009	0.009	0.017	0.026	0.035	0.045
Castilla.La.Mancha	0.004	0.003	0.006	0.008	0.010	0.011
Castilla.y.León	0.009	0.007	0.014	0.021	0.028	0.033
Cataluña	0.009	0.008	0.017	0.025	0.031	0.038
Ceuta	0.001	0.002	0.004	0.006	0.009	0.012
Comunidad.Valenciana	0.005	0.004	0.008	0.011	0.015	0.017
Extremadura	0.006	0.006	0.012	0.019	0.026	0.035
Galicia	-0.007	0.000	0.000	0.000	0.000	0.000
Madrid	0.008	0.006	0.013	0.020	0.027	0.035
Melilla	0.004	0.005	0.011	0.016	0.020	0.023
Murcia	0.002	0.002	0.004	0.006	0.008	0.011
Navarra	0.007	0.006	0.012	0.018	0.024	0.028
País.Vasco	0.007	0.005	0.009	0.012	0.017	0.016
La.Rioja	0.003	0.003	0.005	0.006	0.008	0.006

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

Confirmados: España

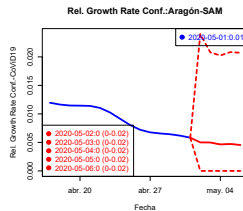
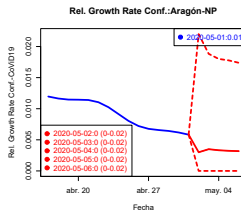
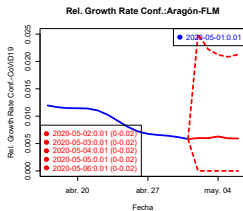
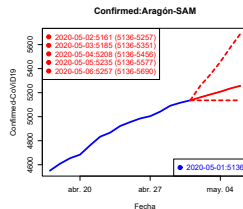
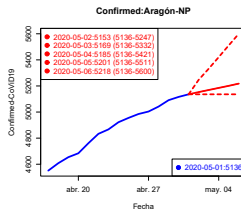
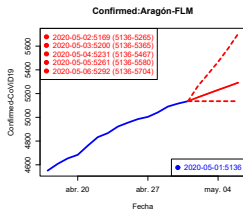


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Aragón

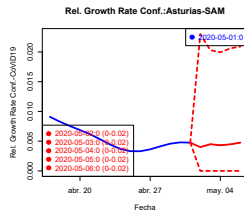
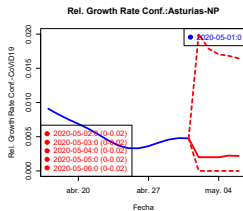
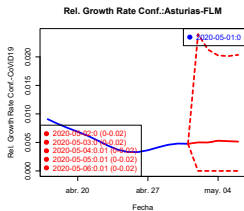
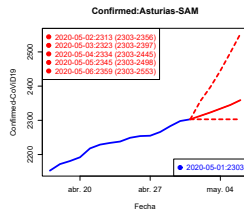
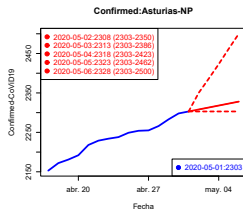
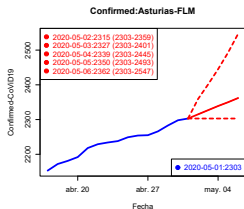


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Asturias

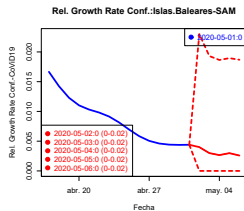
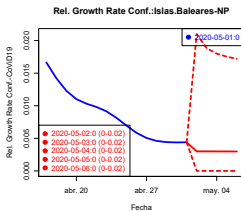
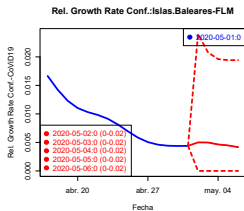
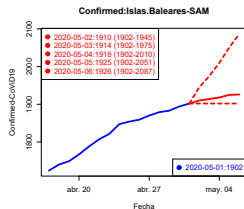
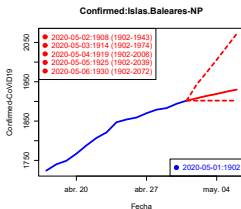
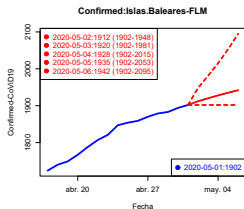


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Islas Baleares

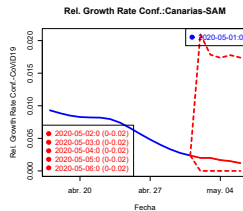
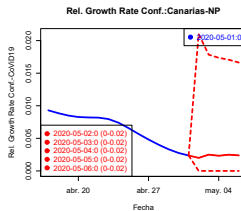
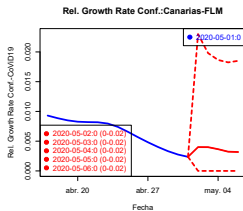
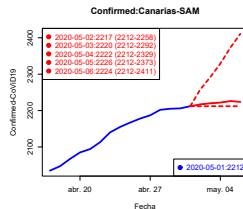
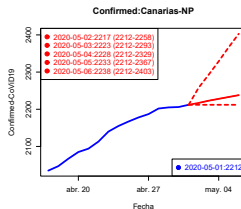
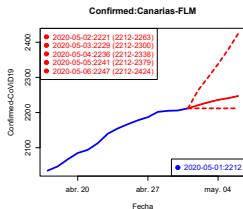


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Canarias

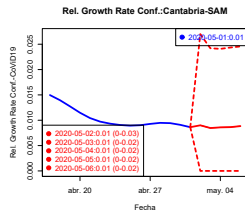
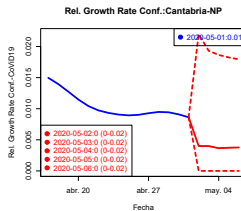
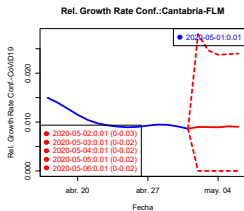
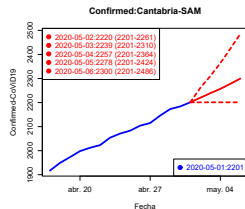
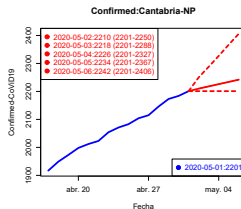
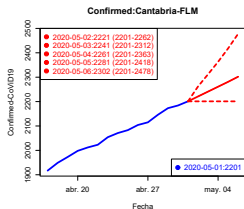


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

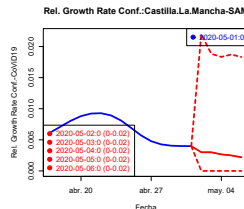
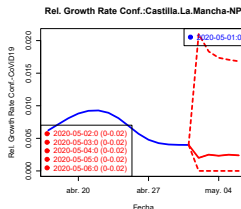
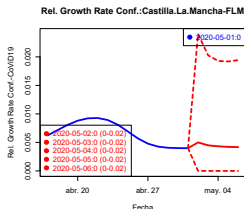
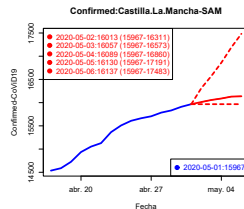
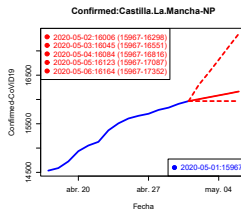
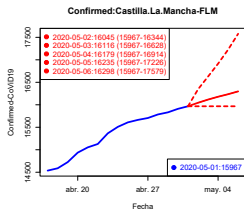
◀ Fallecidos

Confirmados: Cantabria



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

Confirmados: Castilla-La Mancha

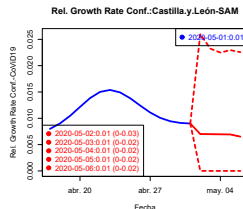
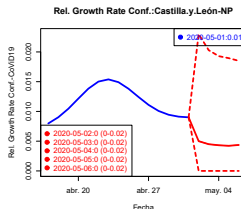
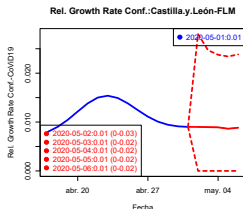
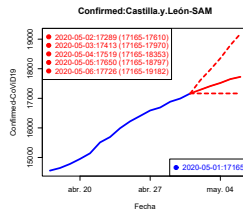
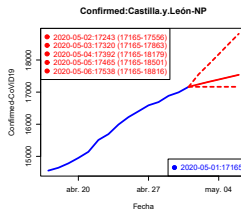
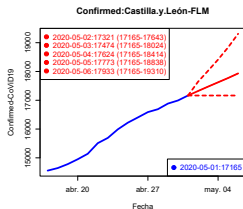


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Castilla y León

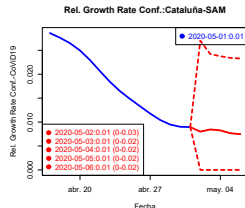
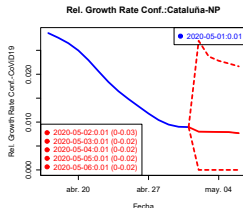
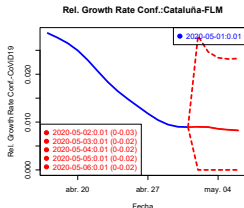
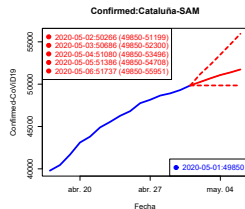
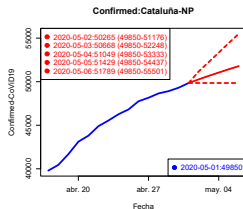
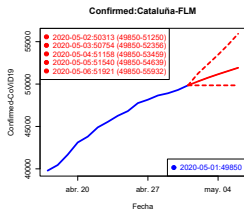


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Cataluña

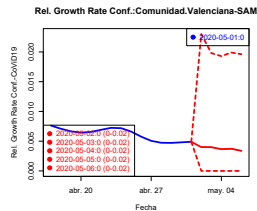
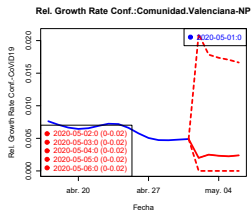
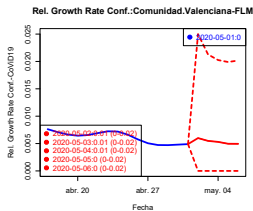
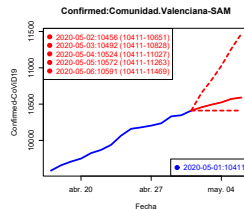
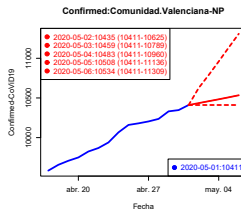
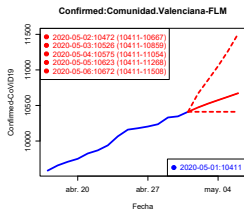


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: C. Valenciana



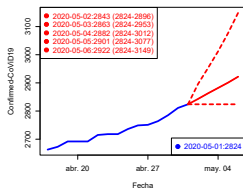
Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

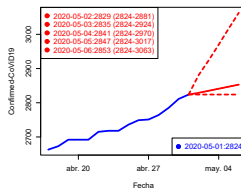
◀ Fallecidos

Confirmados: Extremadura

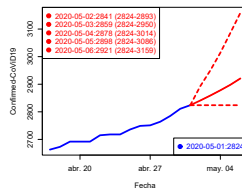
Confirmed:Extremadura-FLM



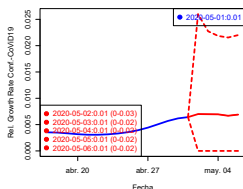
Confirmed:Extremadura-NP



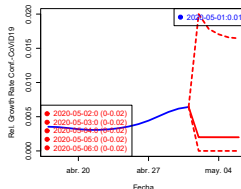
Confirmed:Extremadura-SAM



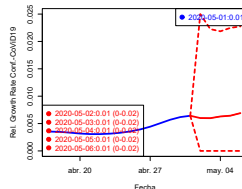
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Rel. Growth Rate Conf.:Extremadura-NP



Rel. Growth Rate Conf.:Extremadura-SAM



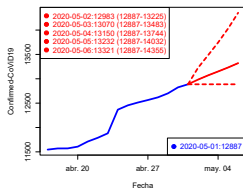
Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

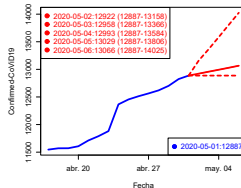
◀ Fallecidos

Confirmados: País Vasco

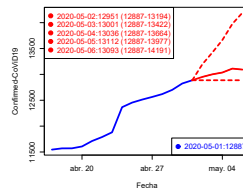
Confirmed:País.Vasco-FLM



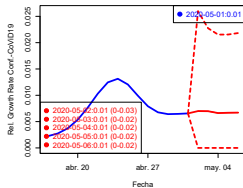
Confirmed:País.Vasco-NP



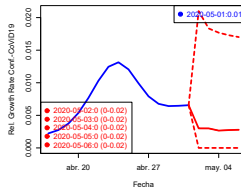
Confirmed:País.Vasco-SAM



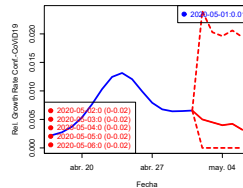
Rel. Growth Rate Conf.:País.Vasco-FLM



Rel. Growth Rate Conf.:País.Vasco-NP



Rel. Growth Rate Conf.:País.Vasco-SAM

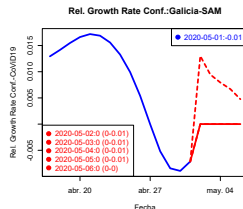
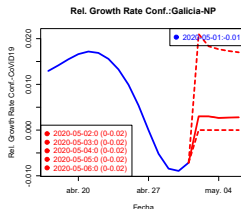
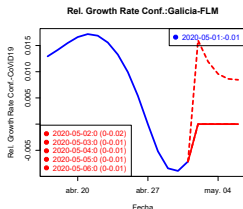
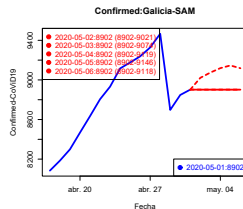
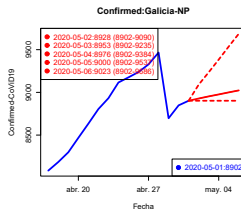
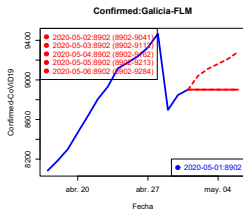


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Galicia

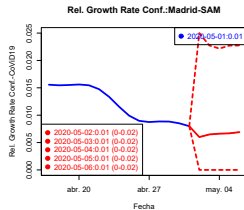
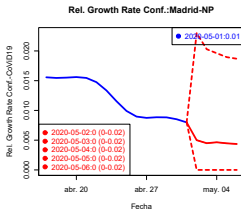
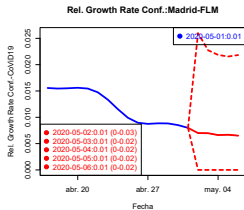
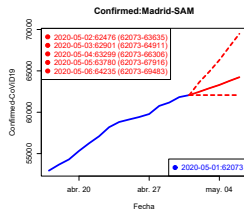
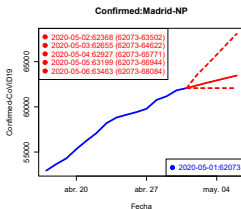
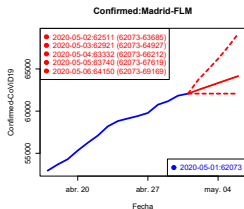


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Madrid

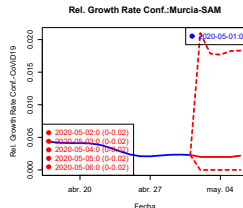
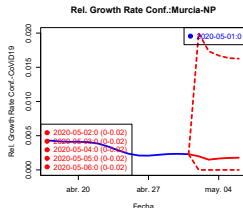
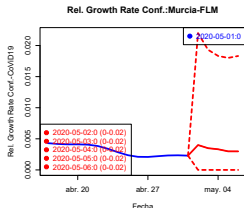
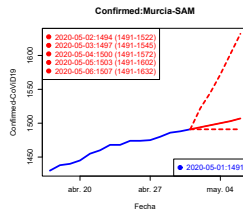
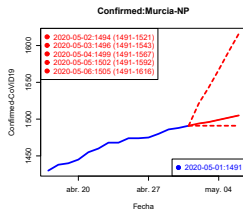
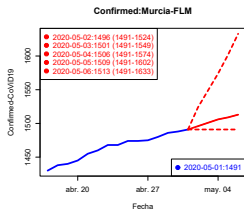


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Murcia

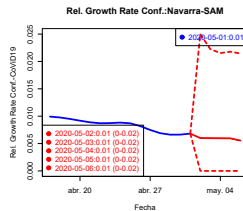
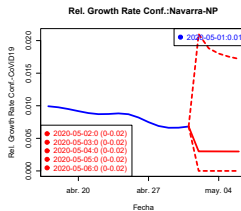
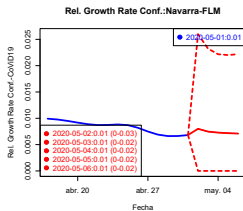
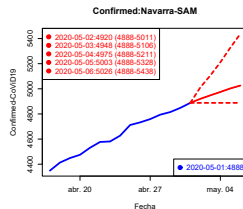
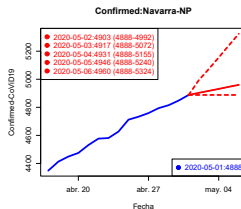
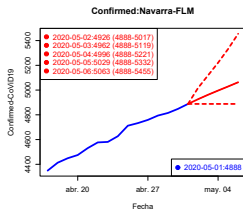


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Navarra

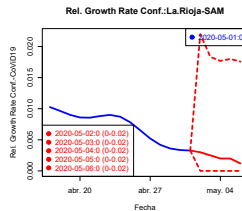
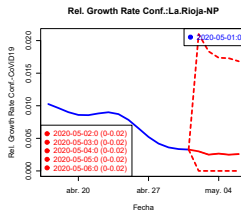
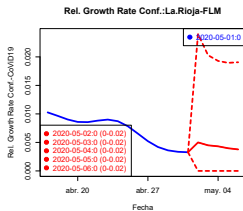
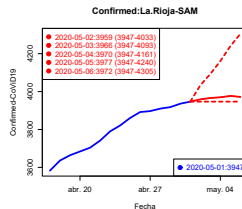
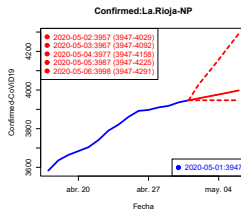
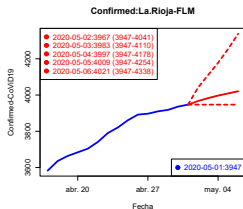


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: La Rioja



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

◀ Confirmados

◀ Fallecidos

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 - Predicciones

- 2 Fallecidos
 - Predicciones Fallecidos

Modelos para fallecidos por CoViD-19

Número de datos funcionales: 7307

Países/Regiones distintos incorporados: 101

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	0.001	0.001	0.001	0.001	0.001	0.001	0.515	0.513	0.537
H2	0.003	0.003	0.002	0.002	0.002	0.002	0.61	0.606	0.645
H3	0.005	0.005	0.004	0.006	0.006	0.005	0.662	0.659	0.709
H4	0.008	0.008	0.006	0.011	0.01	0.008	0.696	0.691	0.751
H5	0.011	0.012	0.009	0.017	0.015	0.012	0.712	0.705	0.772

Tabla Previsión Fallecidos: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	25100	25391	25689	25951	26183	26406
Andalucía	1253	1269	1285	1301	1315	1330
Aragón	761	769	778	785	789	794
Asturias	279	284	290	295	299	304
Islas.Baleares	197	200	203	206	209	211
Canarias	140	142	143	144	146	147
Cantabria	193	195	197	198	199	200
Castilla.La.Mancha	2534	2566	2598	2627	2652	2677
Castilla.y.León	1788	1807	1827	1844	1859	1874
Cataluña	5137	5215	5296	5371	5442	5512
Ceuta	4	4	4	4	4	4
Comunidad.Valenciana	1258	1271	1285	1296	1305	1314
Extremadura	458	463	468	473	477	482
Galicia	557	581	606	633	662	692
Madrid	8292	8356	8421	8472	8512	8546
Melilla	2	2	2	2	2	2
Murcia	132	133	134	135	135	135
Navarra	460	465	471	475	479	482
País.Vasco	1321	1336	1351	1365	1376	1387
La.Rioja	334	337	341	344	346	347

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

Tabla Previsión Fallecidos: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	25100	25519	25966	26392	26793	27178
Andalucía	1253	1275	1297	1319	1340	1360
Aragón	761	774	789	802	815	827
Asturias	279	285	291	297	302	308
Islas.Baleares	197	201	205	208	212	215
Canarias	140	142	145	147	149	151
Cantabria	193	196	200	204	207	210
Castilla.La.Mancha	2534	2579	2627	2673	2716	2758
Castilla.y.León	1788	1818	1849	1880	1908	1935
Cataluña	5137	5228	5324	5416	5503	5587
Ceuta	4	4	4	4	4	4
Comunidad.Valenciana	1258	1279	1300	1321	1341	1360
Extremadura	458	465	473	481	488	494
Galicia	557	570	583	596	608	620
Madrid	8292	8421	8558	8689	8812	8930
Melilla	2	2	2	2	2	2
Murcia	132	134	136	138	140	142
Navarra	460	468	477	485	493	501
País.Vasco	1321	1344	1368	1392	1414	1435
La.Rioja	334	340	346	351	357	362

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

Tabla Previsión Fallecidos: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	25100	25380	25703	25985	26228	26484
Andalucía	1253	1268	1286	1301	1314	1331
Aragón	761	769	777	782	786	789
Asturias	279	284	288	292	294	297
Islas.Baleares	197	199	201	203	204	205
Canarias	140	142	143	145	146	148
Cantabria	193	195	197	198	198	198
Castilla.La.Mancha	2534	2561	2591	2612	2628	2644
Castilla.y.León	1788	1809	1833	1855	1874	1892
Cataluña	5137	5213	5298	5367	5431	5506
Ceuta	4	4	4	4	4	4
Comunidad.Valenciana	1258	1271	1285	1299	1311	1321
Extremadura	458	463	470	477	484	492
Galicia	557	574	587	595	601	610
Madrid	8292	8364	8461	8562	8648	8728
Melilla	2	2	2	2	2	2
Murcia	132	133	134	136	137	138
Navarra	460	465	470	473	476	479
País.Vasco	1321	1335	1350	1363	1373	1383
La.Rioja	334	337	340	343	345	346

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

Tabla Ratio Incr. Fallecidos: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	0.012	0.012	0.023	0.034	0.043	0.052
Andalucía	0.017	0.013	0.026	0.038	0.049	0.061
Aragón	0.011	0.011	0.022	0.031	0.037	0.043
Asturias	0.017	0.020	0.039	0.057	0.073	0.088
Islas.Baleares	0.021	0.016	0.033	0.048	0.060	0.073
Canarias	0.015	0.011	0.022	0.031	0.039	0.047
Cantabria	0.006	0.010	0.019	0.027	0.032	0.036
Castilla.La.Mancha	0.014	0.013	0.025	0.037	0.047	0.056
Castilla.y.León	0.011	0.011	0.022	0.032	0.040	0.048
Cataluña	0.017	0.015	0.031	0.045	0.059	0.073
Ceuta	0.000	0.002	0.004	0.004	0.003	0.000
Comunidad.Valenciana	0.011	0.011	0.021	0.030	0.038	0.044
Extremadura	0.014	0.011	0.023	0.033	0.042	0.052
Galicia	0.043	0.042	0.088	0.137	0.188	0.242
Madrid	0.008	0.008	0.016	0.022	0.026	0.031
Melilla	0.000	0.002	0.004	0.004	0.002	0.000
Murcia	0.005	0.007	0.014	0.019	0.022	0.025
Navarra	0.011	0.012	0.023	0.033	0.041	0.048
País.Vasco	0.012	0.011	0.023	0.033	0.042	0.050
La.Rioja	0.006	0.010	0.021	0.028	0.034	0.039

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	0.012	0.017	0.035	0.051	0.067	0.083
Andalucía	0.017	0.017	0.035	0.053	0.069	0.085
Aragón	0.011	0.018	0.036	0.054	0.071	0.087
Asturias	0.017	0.021	0.043	0.064	0.084	0.103
Islas.Baleares	0.021	0.019	0.039	0.057	0.075	0.093
Canarias	0.015	0.016	0.033	0.050	0.065	0.080
Cantabria	0.006	0.018	0.037	0.054	0.071	0.088
Castilla.La.Mancha	0.014	0.018	0.037	0.055	0.072	0.088
Castilla.y.León	0.011	0.017	0.034	0.051	0.067	0.082
Cataluña	0.017	0.018	0.036	0.054	0.071	0.087
Ceuta	0.000	0.014	0.029	0.043	0.056	0.069
Comunidad.Valenciana	0.011	0.016	0.034	0.050	0.066	0.081
Extremadura	0.014	0.016	0.033	0.049	0.064	0.079
Galicia	0.043	0.023	0.046	0.069	0.092	0.113
Madrid	0.008	0.016	0.032	0.048	0.063	0.077
Melilla	0.000	0.014	0.029	0.043	0.056	0.069
Murcia	0.005	0.015	0.032	0.048	0.063	0.077
Navarra	0.011	0.018	0.037	0.055	0.072	0.088
País.Vasco	0.012	0.017	0.036	0.053	0.070	0.086
La.Rioja	0.006	0.017	0.035	0.051	0.067	0.083

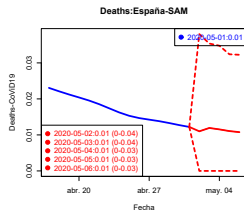
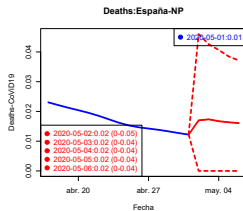
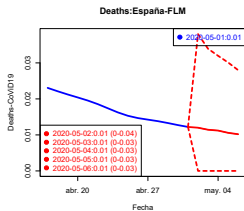
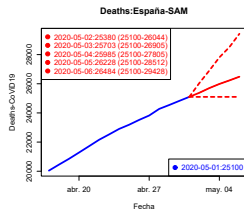
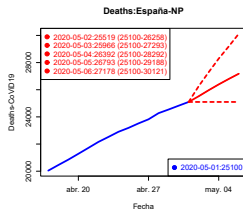
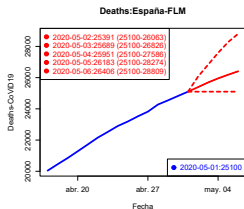
Table: Previsión Ratio Incr. Fallecidos: Mod. No Paramétrico - Horizonte 1 – 5 días.

Tabla Ratio Incr. Fallecidos: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	0.012	0.011	0.024	0.035	0.045	0.055
Andalucía	0.017	0.012	0.026	0.038	0.049	0.062
Aragón	0.011	0.011	0.021	0.028	0.033	0.037
Asturias	0.017	0.017	0.033	0.045	0.054	0.063
Islas.Baleares	0.021	0.012	0.022	0.029	0.037	0.043
Canarias	0.015	0.011	0.023	0.035	0.045	0.055
Cantabria	0.006	0.010	0.019	0.024	0.027	0.028
Castilla.La.Mancha	0.014	0.011	0.022	0.031	0.037	0.044
Castilla.y.León	0.011	0.012	0.025	0.038	0.048	0.058
Cataluña	0.017	0.015	0.031	0.045	0.057	0.072
Ceuta	0.000	0.005	0.015	0.033	0.049	0.063
Comunidad.Valenciana	0.011	0.010	0.021	0.033	0.042	0.050
Extremadura	0.014	0.011	0.026	0.041	0.056	0.073
Galicia	0.043	0.031	0.053	0.068	0.079	0.095
Madrid	0.008	0.009	0.020	0.033	0.043	0.053
Melilla	0.000	0.006	0.017	0.038	0.055	0.071
Murcia	0.005	0.008	0.017	0.028	0.036	0.042
Navarra	0.011	0.011	0.021	0.028	0.035	0.041
País.Vasco	0.012	0.011	0.022	0.032	0.040	0.047
La.Rioja	0.006	0.010	0.019	0.028	0.033	0.036

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

Fallecidos: España

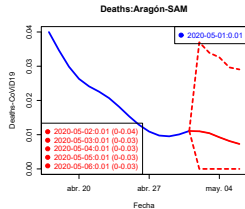
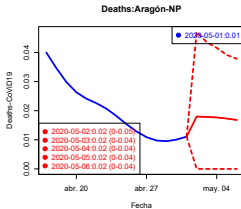
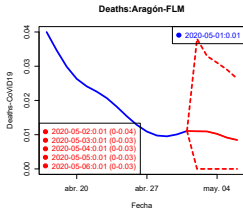
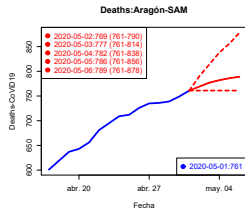
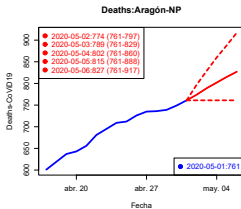
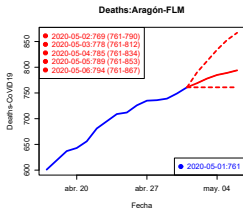


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Aragón

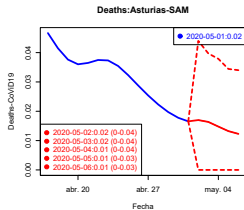
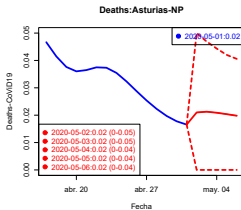
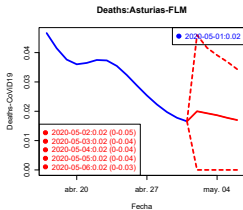
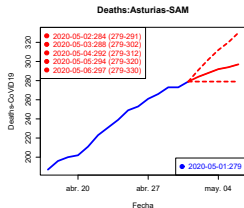
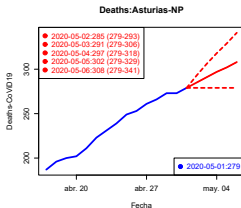
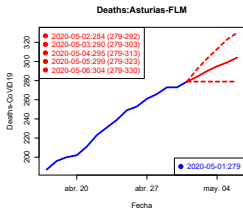


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Asturias

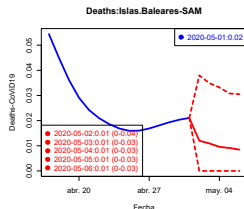
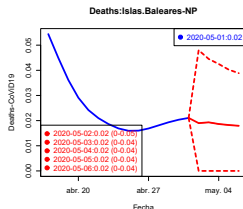
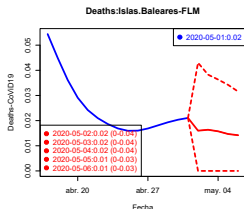
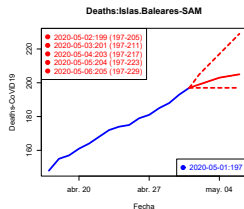
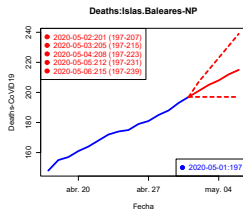
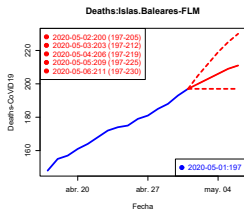


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

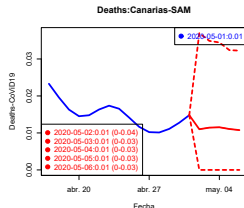
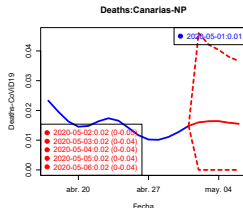
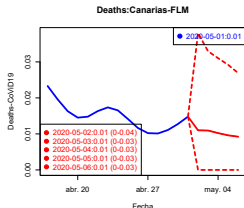
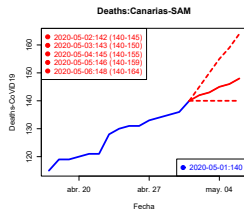
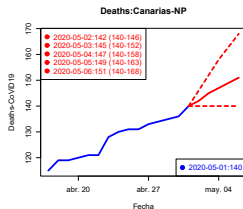
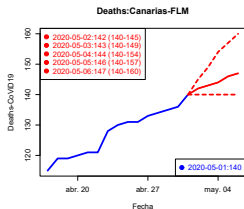
Fallecidos: Islas Baleares



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

◀ Confirmados

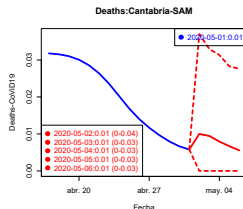
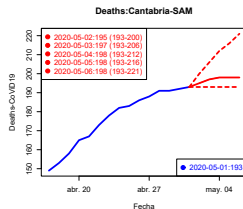
◀ Fallecidos



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

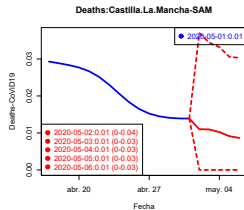
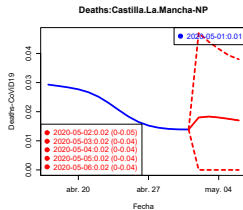
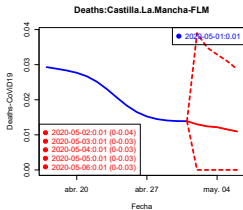
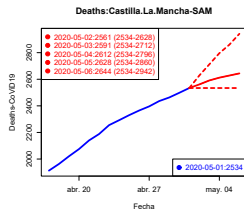
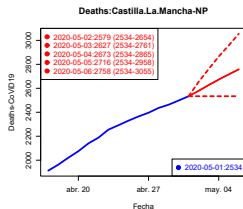
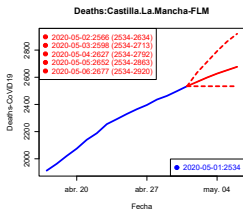
◀ Confirmados

◀ Fallecidos



◀ Confirmados ◀ Fallecidos

Fallecidos: Castilla-La Mancha

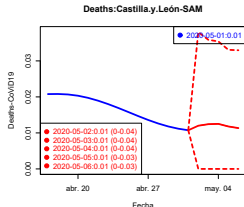
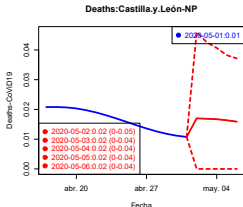
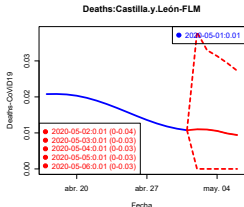
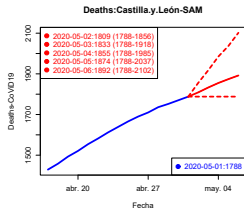
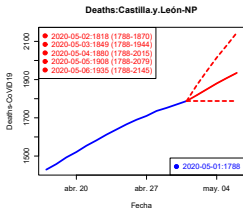
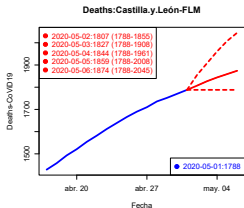


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Castilla y León

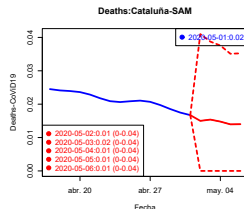
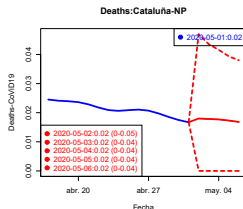
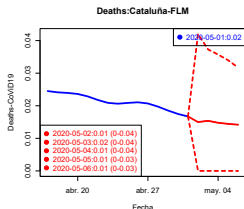
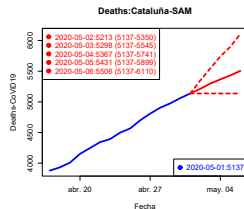
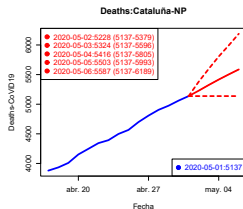
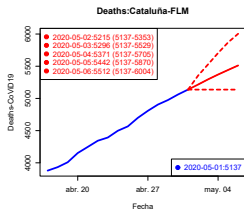


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Cataluña

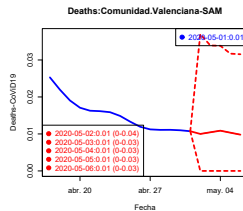
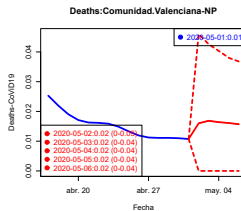
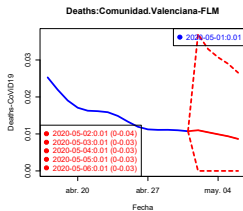
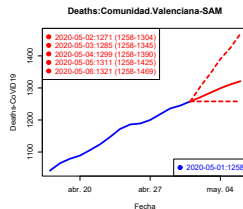
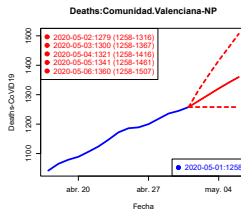
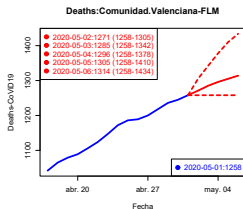


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: C. Valenciana

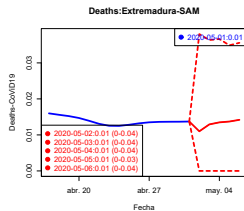
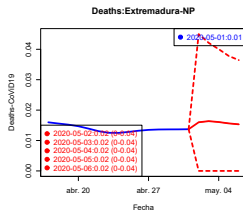
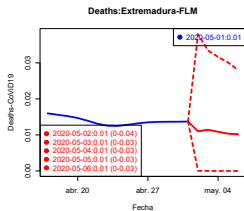
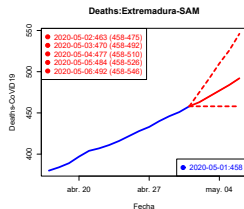
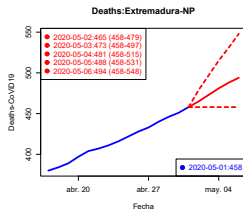
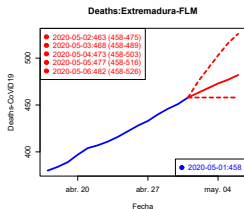


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Extremadura

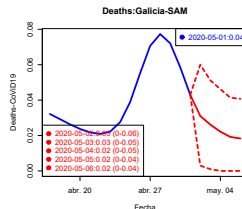
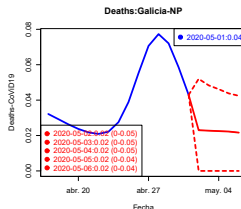
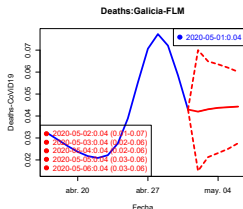
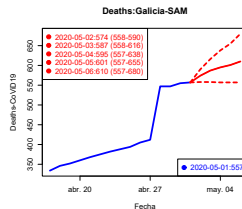
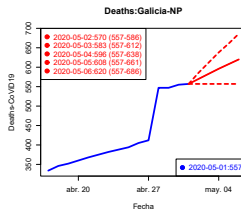
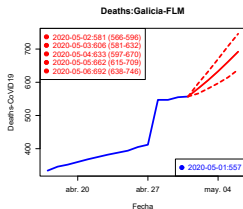


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

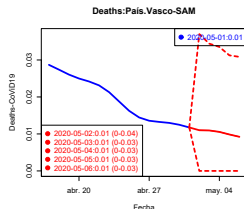
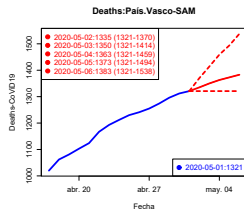
Fallecidos: Galicia



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

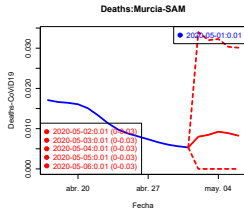
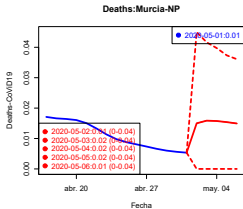
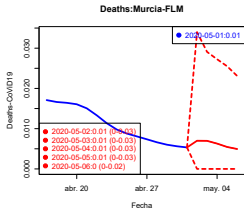
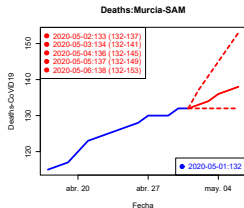
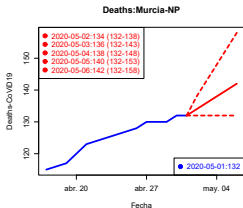
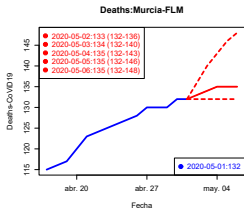
◀ Confirmados

◀ Fallecidos



◀ Confirmados ◀ Fallecidos

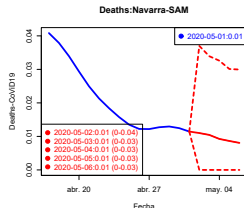
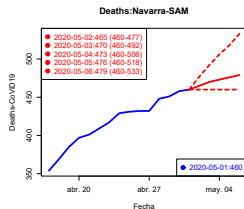
Fallecidos: Murcia



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

◀ Confirmados

◀ Fallecidos



◀ 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.