

Predicciones sobre CoViD-19

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DEPARTAMENTO DE ESTATÍSTICA,
ANÁLISE MATEMÁTICA E OPTIMIZACIÓN



- Predicciones

- Predicciones Fallecidos

Datos

Número de datos funcionales: 2002

Países/Regiones distintos incorporados: 123

Predicciones:

► España

► Andalucía

► Aragón

► Asturias

► I. Balears

► **Canarias**

► **Cantabria**

▶ Catalunya

► Castilla-La Mancha

▶ Castilla y León

▶ C. Valenciana

► Extremadura

▶ País Vasco

▶ Galicia

► Madrid

► Murcia

► Navarra

► **La Rioja**

► Mod Lineal

- ▶ Mod NP

► Mod Aditivo

Horiz	Medida	FLM	NP	SAM
H1	σ_R^2	0.007	0.004	0.006
H1	$\sigma_R^2(rob.)$	0.004	0.002	0.004
H1	r^2	0.435	0.698	0.46
H2	σ_R^2	0.017	0.009	0.015
H2	$\sigma_R^2(rob.)$	0.015	0.007	0.014
H2	r^2	0.591	0.811	0.625
H3	σ_R^2	0.034	0.018	0.031
H3	$\sigma_R^2(rob.)$	0.037	0.018	0.034
H3	r^2	0.653	0.839	0.684

Último dato: 2020-04-06 21:00 que se publica 2020-04-07 12:00.

Tabla Previsión Confirmados: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	140510	145794	150493	155371	160691	165648
Andalucía	8767	9111	9422	9740	10072	10392
Aragón	3449	3614	3751	3886	4050	4200
Asturias	1679	1723	1769	1814	1870	1926
Islas.Baleares	1369	1402	1426	1449	1489	1514
Canarias	1725	1774	1811	1848	1908	1950
Cantabria	1501	1542	1572	1602	1646	1673
Castilla.La.Mancha	11077	11706	12354	13041	13719	14416
Castilla.y.León	9581	9971	10303	10655	11079	11450
Cataluña	28323	29517	30572	31693	32749	33767
Ceuta	83	90	98	105	112	119
Comunidad.Valenciana	7443	7702	7878	8049	8380	8605
Extremadura	2116	2167	2207	2247	2293	2324
Galicia	6331	6639	6933	7223	7557	7902
Madrid	40469	41961	43365	44792	46304	47810
Melilla	92	97	103	109	115	121
Murcia	1283	1319	1343	1367	1412	1437
Navarra	3355	3470	3568	3671	3797	3908
País.Vasco	9021	9307	9534	9770	10095	10349
La.Rioja	2846	2980	3116	3253	3393	3549

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

Tabla Previsión Confirmados: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	140510	146781	152028	154699	158858	163059
Andalucía	8767	9152	9387	9468	9683	9872
Aragón	3449	3573	3667	3778	3934	4089
Asturias	1679	1741	1801	1836	1875	1921
Islas.Baleares	1369	1398	1413	1425	1440	1445
Canarias	1725	1775	1810	1839	1879	1913
Cantabria	1501	1545	1564	1588	1610	1647
Castilla.La.Mancha	11077	11742	12411	12977	13658	14482
Castilla.y.León	9581	9996	10359	10672	11078	11515
Cataluña	28323	29769	30681	31563	32597	33367
Ceuta	83	91	99	106	109	113
Comunidad.Valenciana	7443	7624	7719	7784	7928	8061
Extremadura	2116	2173	2203	2260	2270	2319
Galicia	6331	6576	6811	7054	7402	7773
Madrid	40469	42242	43570	44318	45205	46084
Melilla	92	98	103	109	115	121
Murcia	1283	1316	1333	1350	1369	1391
Navarra	3355	3486	3606	3693	3794	3900
País.Vasco	9021	9315	9560	9730	9929	10169
La.Rioja	2846	2987	3127	3244	3401	3595

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	0.044	0.042	0.059	0.072	0.073	0.056
Andalucía	0.040	0.044	0.077	0.105	0.133	0.158
Aragón	0.043	0.040	0.077	0.106	0.131	0.155
Asturias	0.035	0.036	0.068	0.099	0.132	0.166
Islas.Baleares	0.026	0.023	0.042	0.053	0.060	0.063
Canarias	0.036	0.030	0.060	0.083	0.105	0.124
Cantabria	0.029	0.022	0.039	0.045	0.047	0.041
Castilla.La.Mancha	0.064	0.059	0.118	0.177	0.238	0.302
Castilla.y.León	0.051	0.044	0.087	0.125	0.164	0.201
Cataluña	0.049	0.048	0.084	0.116	0.149	0.173
Ceuta	0.056	0.083	0.187	0.277	0.354	0.446
Comunidad.Valenciana	0.028	0.029	0.051	0.065	0.074	0.080
Extremadura	0.026	0.020	0.036	0.039	0.037	0.028
Galicia	0.045	0.045	0.087	0.123	0.155	0.190
Madrid	0.042	0.042	0.080	0.115	0.146	0.173
Melilla	0.064	0.062	0.131	0.206	0.290	0.381
Murcia	0.028	0.023	0.047	0.060	0.071	0.077
Navarra	0.044	0.039	0.081	0.119	0.158	0.195
País.Vasco	0.035	0.033	0.066	0.092	0.116	0.139
La.Rioja	0.059	0.049	0.103	0.159	0.219	0.284

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	0.044	0.038	0.071	0.106	0.144	0.179
Andalucía	0.040	0.039	0.075	0.111	0.149	0.185
Aragón	0.043	0.048	0.088	0.127	0.174	0.218
Asturias	0.035	0.026	0.053	0.080	0.113	0.147
Islas.Baleares	0.026	0.024	0.042	0.058	0.087	0.106
Canarias	0.036	0.029	0.050	0.071	0.106	0.131
Cantabria	0.029	0.027	0.047	0.067	0.096	0.114
Castilla.La.Mancha	0.064	0.057	0.115	0.177	0.239	0.301
Castilla.y.León	0.051	0.041	0.075	0.112	0.156	0.195
Cataluña	0.049	0.042	0.079	0.119	0.156	0.192
Ceuta	0.056	0.089	0.175	0.264	0.347	0.426
Comunidad.Valenciana	0.028	0.035	0.058	0.081	0.126	0.156
Extremadura	0.026	0.024	0.043	0.062	0.084	0.098
Galicia	0.045	0.049	0.095	0.141	0.194	0.248
Madrid	0.042	0.037	0.072	0.107	0.144	0.181
Melilla	0.064	0.056	0.120	0.182	0.244	0.308
Murcia	0.028	0.028	0.047	0.065	0.100	0.120
Navarra	0.044	0.034	0.064	0.094	0.132	0.165
País.Vasco	0.035	0.032	0.057	0.083	0.119	0.147
La.Rioja	0.059	0.047	0.095	0.143	0.192	0.247

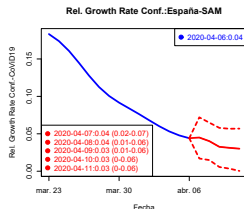
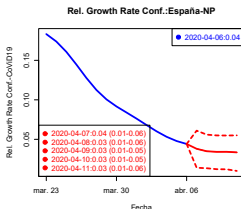
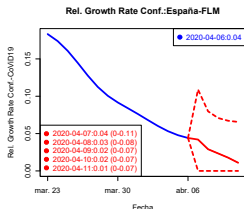
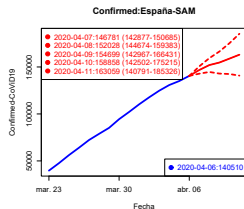
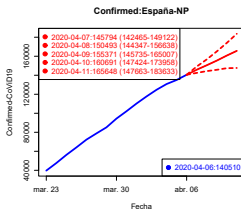
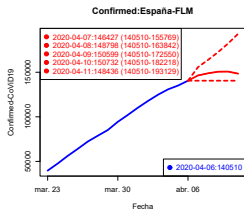
Table: Previsión Ratio Incr. Confirmados: Mod. No Paramétrico - Horizonte 1
– 5 días.

Tabla Ratio Incr. Confirmados: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	0.044	0.045	0.082	0.101	0.131	0.160
Andalucía	0.040	0.044	0.071	0.080	0.104	0.126
Aragón	0.043	0.036	0.063	0.095	0.141	0.186
Asturias	0.035	0.037	0.073	0.093	0.117	0.144
Islas.Baleares	0.026	0.021	0.032	0.041	0.052	0.055
Canarias	0.036	0.029	0.049	0.066	0.089	0.109
Cantabria	0.029	0.029	0.042	0.058	0.073	0.097
Castilla.La.Mancha	0.064	0.060	0.120	0.172	0.233	0.307
Castilla.y.León	0.051	0.043	0.081	0.114	0.156	0.202
Cataluña	0.049	0.051	0.083	0.114	0.151	0.178
Ceuta	0.056	0.094	0.194	0.278	0.305	0.362
Comunidad.Valenciana	0.028	0.024	0.037	0.046	0.065	0.083
Extremadura	0.026	0.027	0.041	0.068	0.073	0.096
Galicia	0.045	0.039	0.076	0.114	0.169	0.228
Madrid	0.042	0.044	0.077	0.095	0.117	0.139
Melilla	0.064	0.061	0.120	0.186	0.250	0.311
Murcia	0.028	0.026	0.039	0.052	0.067	0.084
Navarra	0.044	0.039	0.075	0.101	0.131	0.163
País.Vasco	0.035	0.033	0.060	0.079	0.101	0.127
La.Rioja	0.059	0.050	0.099	0.140	0.195	0.263

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

Confirmados: España

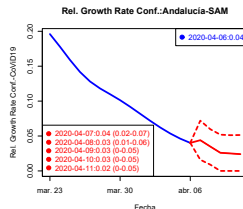
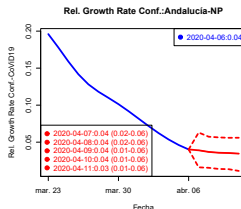
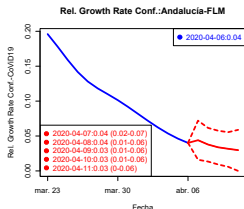
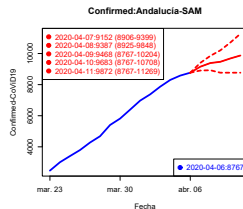
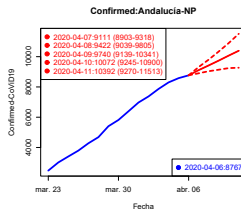
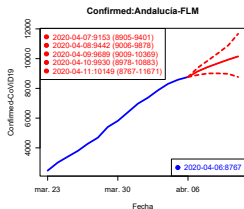


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Andalucía

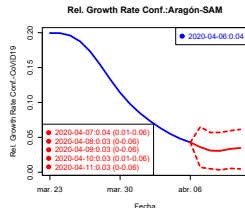
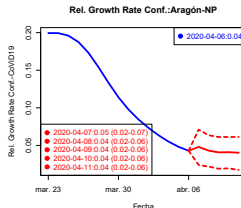
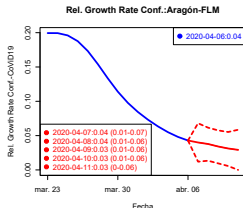
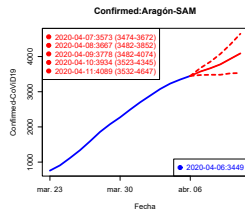
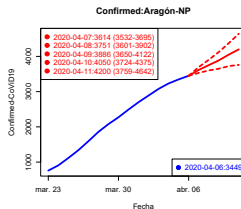
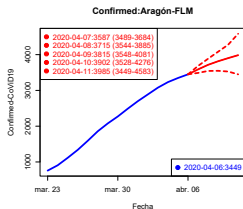


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Aragón

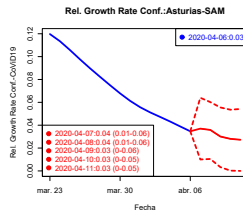
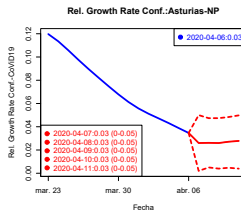
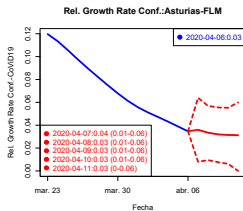
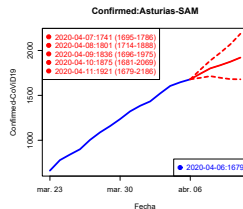
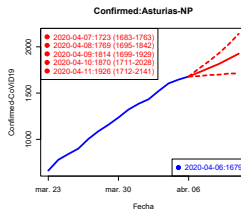
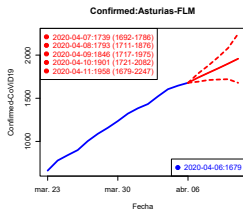


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Asturias

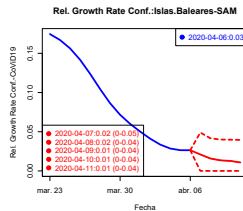
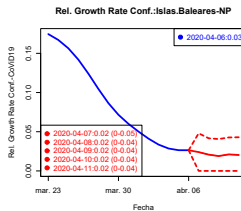
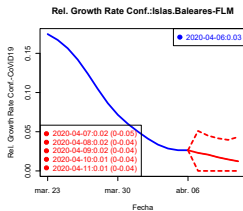
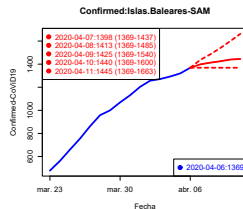
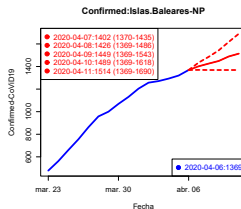
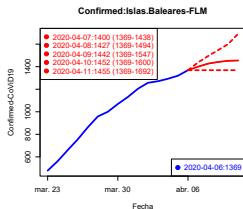


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Islas Baleares

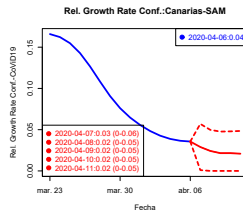
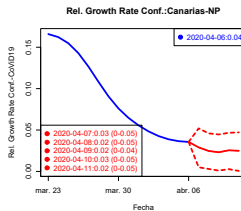
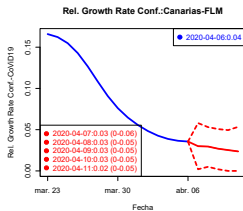
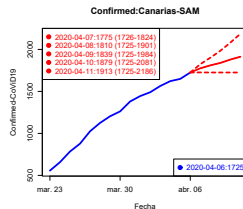
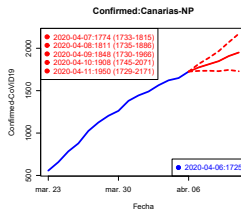
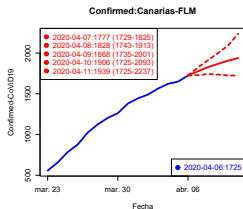


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Canarias

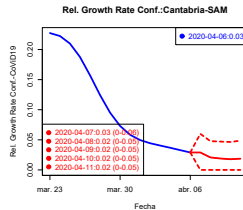
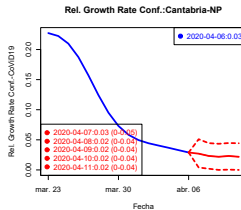
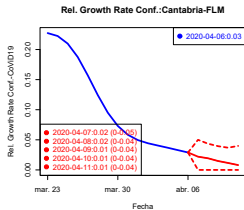
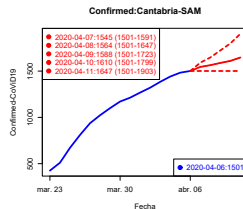
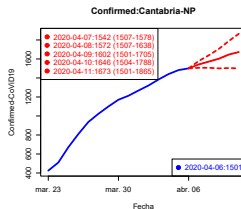
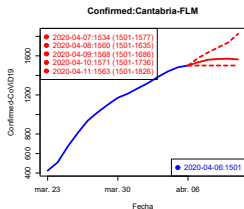


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

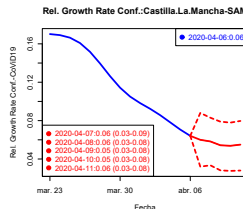
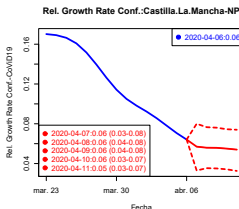
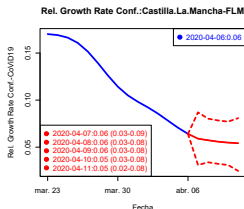
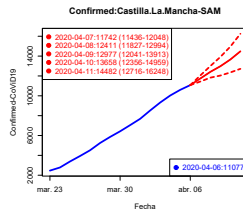
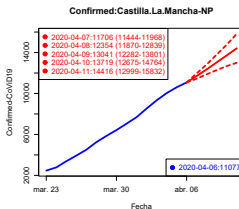
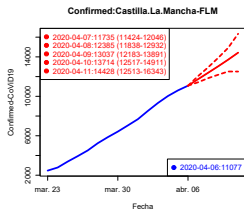
◀ Fallecidos

Confirmados: Cantabria



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

Confirmados: Castilla-La Mancha

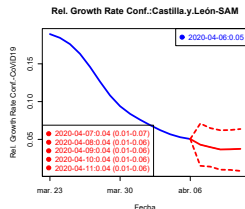
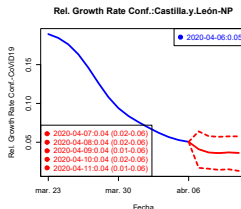
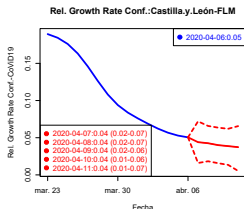
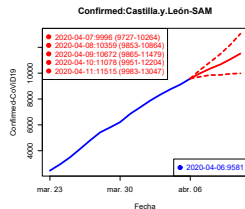
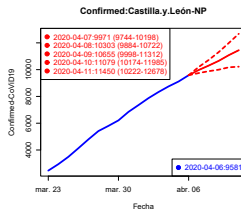
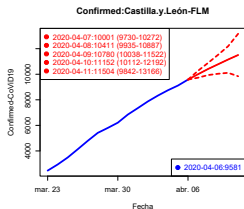


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Castilla y León

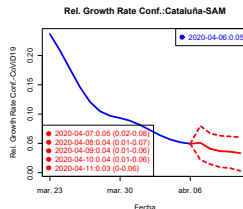
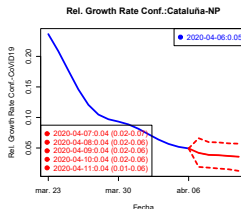
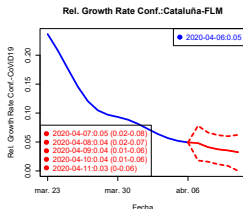
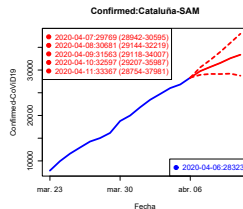
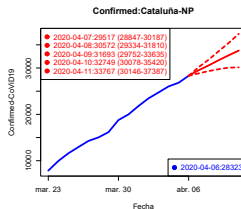
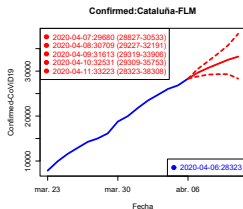


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Cataluña



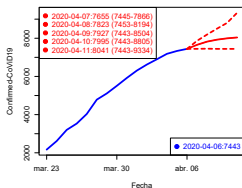
Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

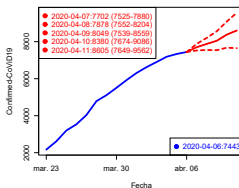
◀ Fallecidos

Confirmados: C. Valenciana

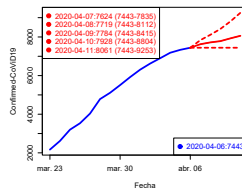
Confirmed:Comunidad.Valenciana-FLM



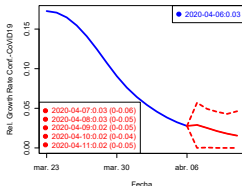
Confirmed:Comunidad.Valenciana-NP



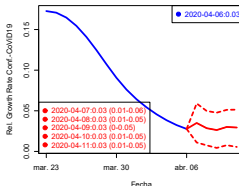
Confirmed:Comunidad.Valenciana-SAM



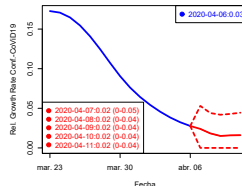
Rel. Growth Rate Conf.:Comunidad.Valenciana-FLM



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



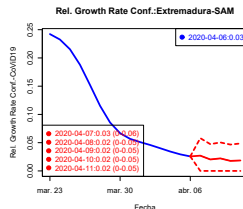
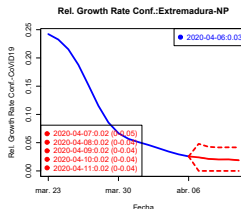
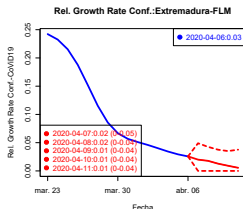
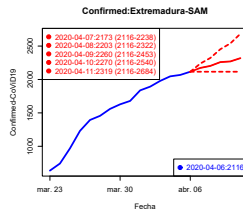
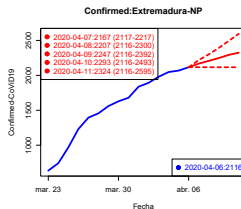
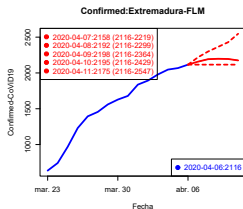
Rel. Growth Rate Conf.:Comunidad.Valenciana-SAM



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

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[← Fallecidos](#)

Confirmados: Extremadura

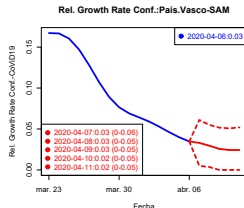
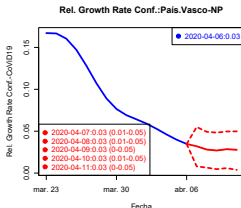
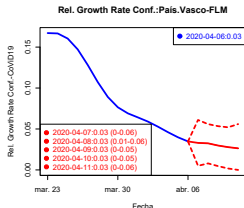
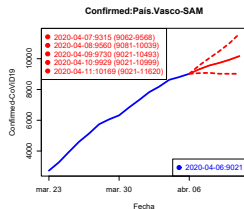
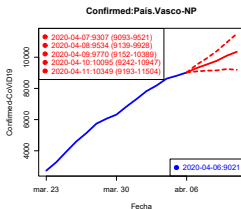
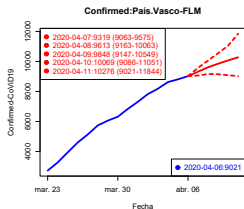


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: País Vasco

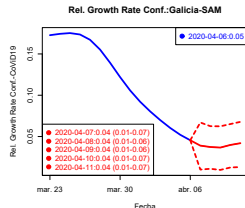
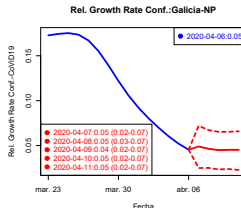
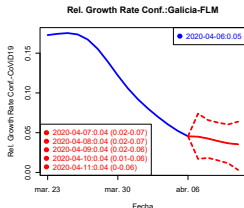
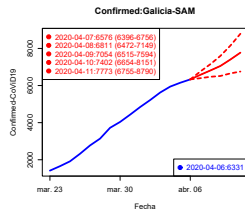
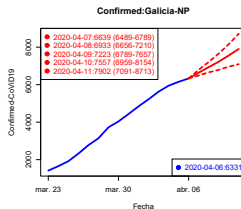
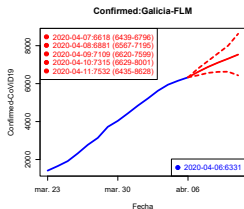


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Galicia

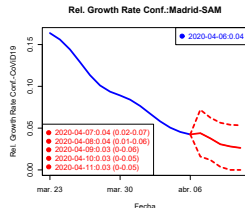
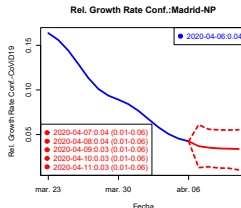
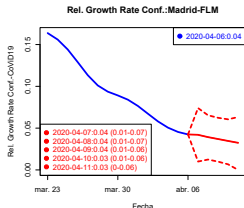
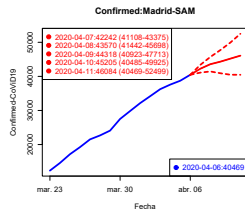
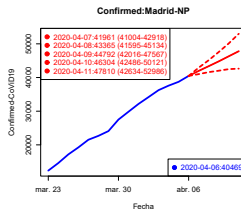
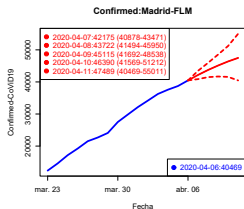


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Madrid

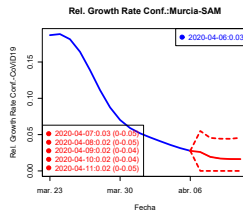
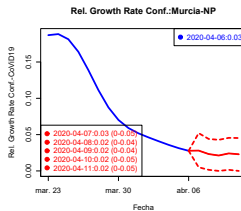
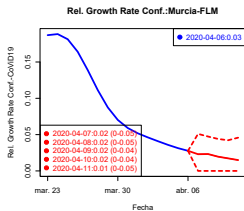
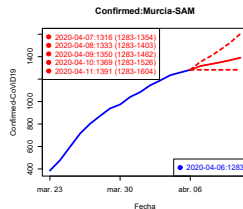
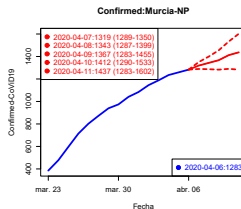
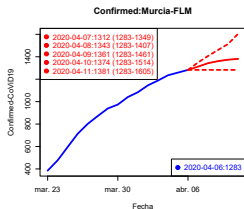


Los valores del Ratio de incremento de H2-H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Murcia

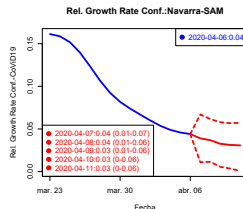
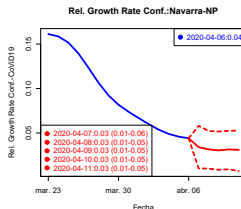
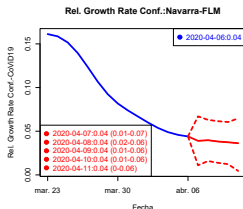
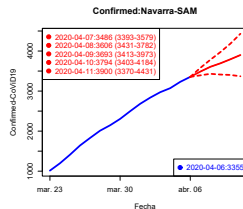
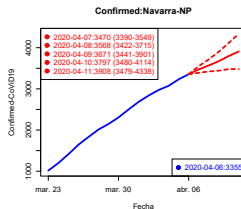
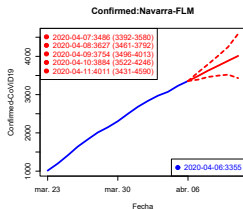


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: Navarra

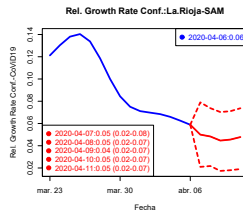
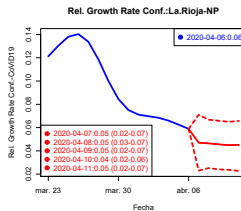
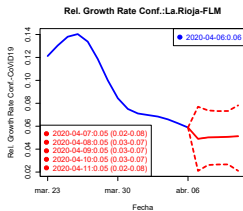
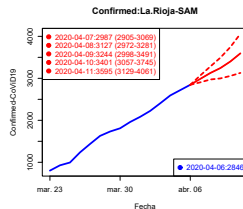
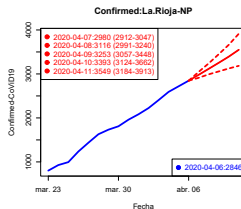
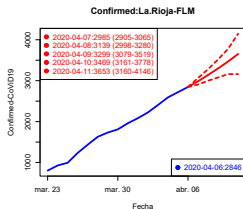


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Confirmados: La Rioja



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

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Países/Regiones distintos incorporados: 70

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► País Vasco ► Galicia ► Madrid ► Murcia ► Navarra ► La Rioja

► Mod Lineal ► Mod NP ► Mod Aditivo

Horiz	Medida	FLM	NP	SAM
H1	σ_R^2	0.048	0.01	0.046
H1	$\sigma_R^2(rob.)$	0.057	0.004	0.047
H1	r^2	0.112	0.86	0.154
H2	σ_R^2	0.138	0.031	0.131
H2	$\sigma_R^2(rob.)$	0.12	0.015	0.13
H2	r^2	0.18	0.858	0.219
H3	σ_R^2	0.326	0.076	0.309
H3	$\sigma_R^2(rob.)$	0.329	0.06	0.286
H3	r^2	0.209	0.857	0.246

Tabla Previsión Fallecidos: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	13798	14400	14934	15396	15613	15649
Andalucía	528	552	569	585	593	591
Aragón	312	337	363	381	399	418
Asturias	96	97	97	97	96	96
Islas.Baleares	84	88	92	93	94	94
Canarias	89	91	92	91	89	89
Cantabria	85	88	89	87	85	85
Castilla.La.Mancha	1177	1222	1258	1294	1306	1292
Castilla.y.León	982	1032	1077	1113	1123	1107
Cataluña	2908	2940	2908	2908	2908	2908
Ceuta	4	5	7	9	10	11
Comunidad.Valenciana	672	708	742	768	791	811
Extremadura	258	263	262	258	258	258
Galicia	204	219	234	246	258	270
Madrid	5371	5596	5812	6026	6169	6284
Melilla	2	2	2	2	2	2
Murcia	78	80	81	81	78	78
Navarra	202	210	216	220	219	211
País.Vasco	586	623	663	697	731	767
La.Rioja	160	168	175	184	190	190

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

Tabla Previsión Fallecidos: Mod. No Paramétrico.

	Last	H1	H2	H3	H4	H5
España	13798	14556	15326	16136	17013	18102
Andalucía	528	560	592	625	660	702
Aragón	312	338	363	387	412	438
Asturias	96	100	105	112	123	140
Islas.Baleares	84	87	90	93	99	109
Canarias	89	92	96	100	106	116
Cantabria	85	88	90	93	96	99
Castilla.La.Mancha	1177	1276	1373	1470	1565	1674
Castilla.y.León	982	1040	1099	1160	1224	1298
Cataluña	2908	3058	3209	3373	3552	3745
Ceuta	4	5	6	7	8	10
Comunidad.Valenciana	672	703	733	767	807	861
Extremadura	258	265	271	277	286	295
Galicia	204	222	240	256	273	291
Madrid	5371	5657	5957	6267	6630	7120
Melilla	2	2	2	3	3	3
Murcia	78	80	83	85	89	94
Navarra	202	212	222	233	246	265
País.Vasco	586	611	637	666	703	755
La.Rioja	160	170	180	190	201	215

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

Tabla Previsión Fallecidos: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	13798	14466	14727	15088	15113	14505
Andalucía	528	548	550	559	558	544
Aragón	312	336	355	367	377	402
Asturias	96	98	97	96	96	96
Islas.Baleares	84	87	90	88	91	97
Canarias	89	91	89	89	89	89
Cantabria	85	85	85	85	85	85
Castilla.La.Mancha	1177	1232	1207	1236	1186	1177
Castilla.y.León	982	1016	1007	1014	995	984
Cataluña	2908	2908	2908	2908	2908	2908
Ceuta	4	5	7	9	11	13
Comunidad.Valenciana	672	709	744	768	816	834
Extremadura	258	258	258	258	258	258
Galicia	204	218	228	237	250	264
Madrid	5371	5721	5967	6240	6394	6148
Melilla	2	2	2	2	2	2
Murcia	78	78	78	78	78	78
Navarra	202	208	205	203	202	202
País.Vasco	586	630	679	713	762	776
La.Rioja	160	170	179	186	190	185

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

Tabla Ratio Incr. Fallecidos: Mod. Lineal.

	Last	H1	H2	H3	H4	H5
España	0.060	0.044	0.082	0.116	0.131	0.134
Andalucía	0.081	0.045	0.078	0.108	0.122	0.119
Aragón	0.086	0.078	0.163	0.221	0.279	0.338
Asturias	0.082	0.015	0.014	0.010	0.000	0.000
Islas.Baleares	0.063	0.047	0.090	0.106	0.115	0.116
Canarias	0.052	0.021	0.028	0.018	0.000	0.000
Cantabria	0.085	0.030	0.041	0.020	0.000	0.000
Castilla.La.Mancha	0.062	0.038	0.069	0.100	0.110	0.098
Castilla.y.León	0.081	0.051	0.097	0.133	0.144	0.128
Cataluña	0.058	0.011	0.000	0.000	0.000	0.000
Ceuta	0.280	0.238	0.535	0.902	1.210	1.482
Comunidad.Valenciana	0.067	0.054	0.105	0.143	0.177	0.207
Extremadura	0.079	0.020	0.015	0.000	0.000	0.000
Galicia	0.097	0.073	0.147	0.204	0.264	0.321
Madrid	0.047	0.042	0.082	0.122	0.149	0.170
Melilla	0.024	0.024	0.036	0.064	0.068	0.047
Murcia	0.141	0.028	0.033	0.039	0.000	0.000
Navarra	0.069	0.038	0.069	0.090	0.082	0.043
País.Vasco	0.072	0.063	0.131	0.190	0.247	0.308
La.Rioja	0.094	0.049	0.094	0.149	0.184	0.188

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	0.060	0.055	0.111	0.169	0.233	0.312
Andalucía	0.081	0.060	0.120	0.184	0.250	0.329
Aragón	0.086	0.084	0.162	0.240	0.319	0.404
Asturias	0.082	0.041	0.098	0.164	0.280	0.452
Islas.Baleares	0.063	0.031	0.067	0.110	0.180	0.294
Canarias	0.052	0.038	0.080	0.127	0.193	0.296
Cantabria	0.085	0.032	0.058	0.088	0.126	0.166
Castilla.La.Mancha	0.062	0.084	0.166	0.249	0.330	0.422
Castilla.y.León	0.081	0.059	0.119	0.181	0.247	0.321
Cataluña	0.058	0.052	0.104	0.160	0.221	0.288
Ceuta	0.280	0.165	0.357	0.617	0.879	1.139
Comunidad.Valenciana	0.067	0.046	0.091	0.141	0.200	0.280
Extremadura	0.079	0.028	0.051	0.075	0.108	0.143
Galicia	0.097	0.089	0.173	0.255	0.336	0.426
Madrid	0.047	0.053	0.109	0.167	0.234	0.326
Melilla	0.024	0.063	0.133	0.203	0.288	0.394
Murcia	0.141	0.030	0.059	0.094	0.140	0.207
Navarra	0.069	0.048	0.099	0.152	0.218	0.310
País.Vasco	0.072	0.043	0.088	0.137	0.199	0.287
La.Rioja	0.094	0.062	0.125	0.187	0.253	0.340

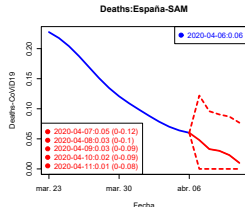
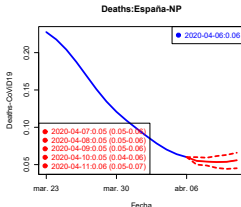
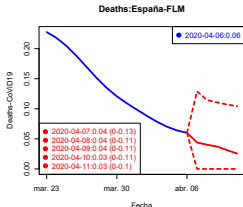
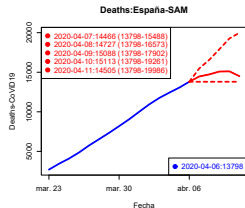
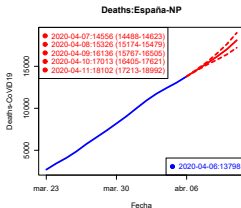
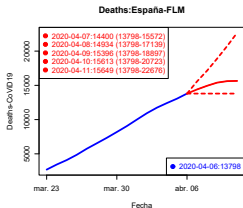
Table: Previsión Ratio Incr. Fallecidos: Mod. No Paramétrico - Horizonte 1 – 5 días.

Tabla Ratio Incr. Fallecidos: Mod. Aditivo.

	Last	H1	H2	H3	H4	H5
España	0.060	0.048	0.067	0.093	0.095	0.051
Andalucía	0.081	0.037	0.042	0.059	0.058	0.030
Aragón	0.086	0.077	0.139	0.177	0.209	0.289
Asturias	0.082	0.022	0.011	0.000	0.000	0.000
Islas.Baleares	0.063	0.037	0.066	0.049	0.087	0.155
Canarias	0.052	0.017	0.000	0.000	0.000	0.000
Cantabria	0.085	0.000	0.000	0.000	0.000	0.000
Castilla.La.Mancha	0.062	0.047	0.026	0.050	0.008	0.000
Castilla.y.León	0.081	0.035	0.026	0.033	0.013	0.002
Cataluña	0.058	0.000	0.000	0.000	0.000	0.000
Ceuta	0.280	0.266	0.584	1.015	1.413	1.855
Comunidad.Valenciana	0.067	0.055	0.107	0.143	0.215	0.241
Extremadura	0.079	0.000	0.000	0.000	0.000	0.000
Galicia	0.097	0.067	0.118	0.160	0.224	0.291
Madrid	0.047	0.065	0.111	0.162	0.190	0.145
Melilla	0.024	0.055	0.080	0.111	0.064	0.000
Murcia	0.141	0.002	0.000	0.000	0.000	0.000
Navarra	0.069	0.029	0.015	0.004	0.000	0.000
País.Vasco	0.072	0.075	0.159	0.216	0.299	0.324
La.Rioja	0.094	0.062	0.117	0.163	0.188	0.157

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

Fallecidos: España

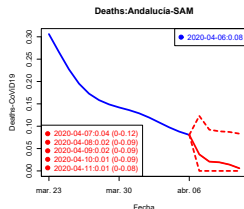
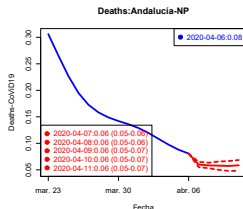
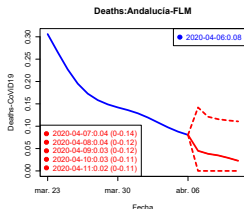
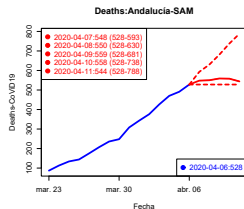
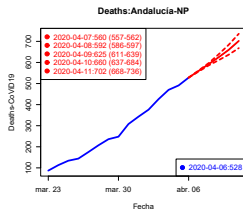
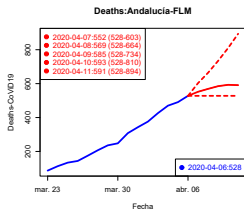


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

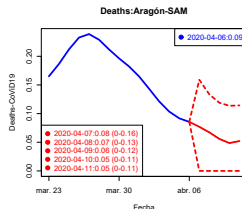
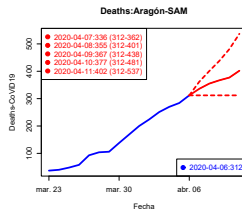
Fallecidos: Andalucía



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

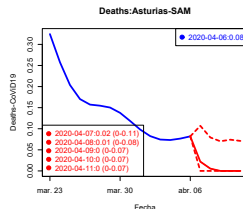
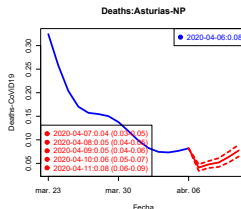
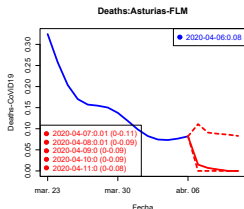
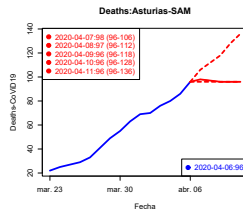
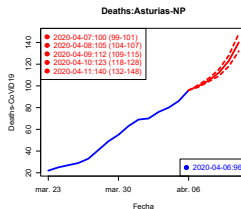
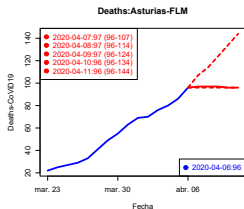
◀ Confirmados

◀ Fallecidos



◀ Confirmados ▶ Fallecidos

Fallecidos: Asturias

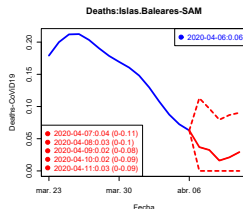
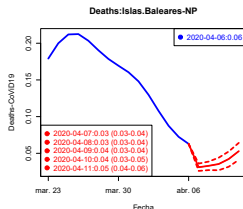
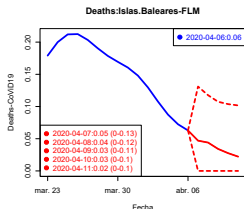
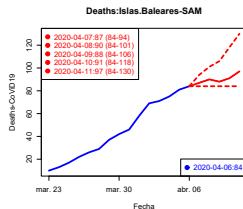
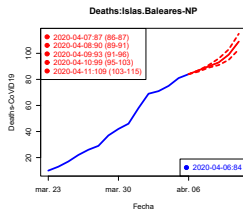
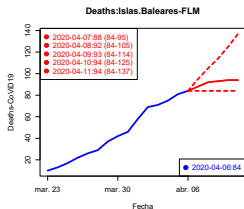


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Islas Baleares

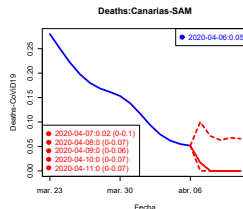
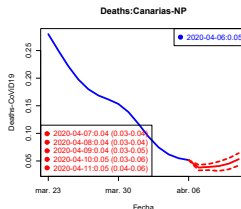
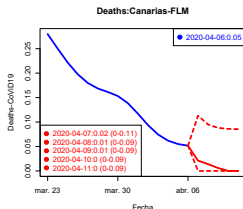
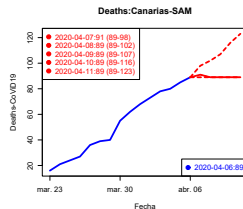
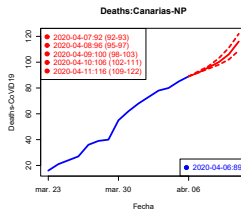
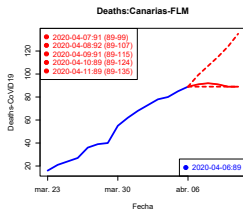


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Canarias

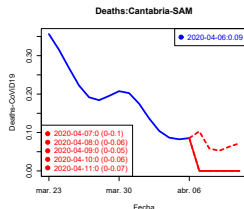
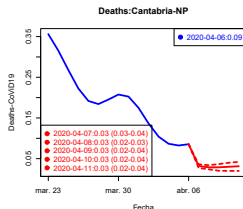
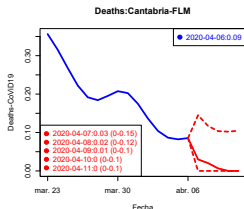
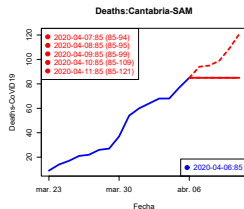
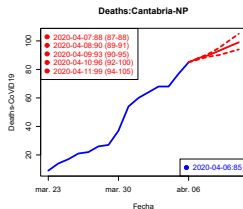
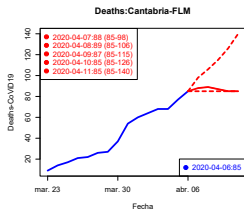


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Cantabria

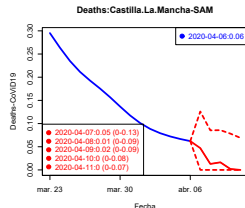
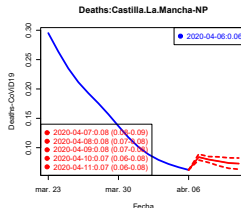
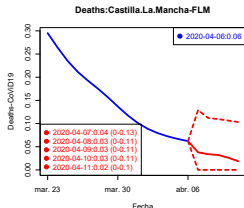
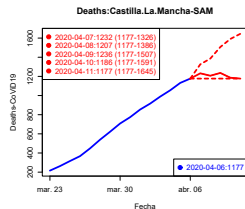
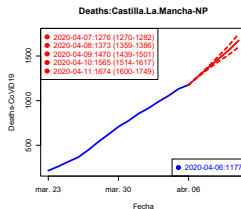
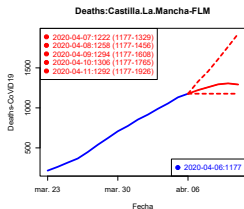


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Castilla-La Mancha

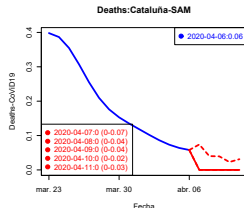
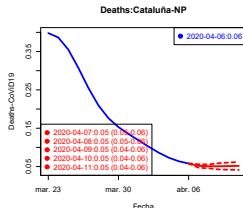
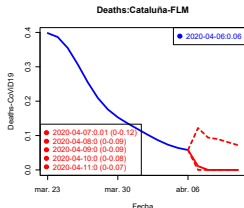
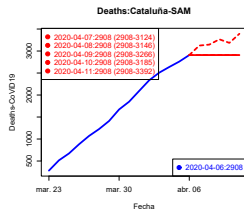
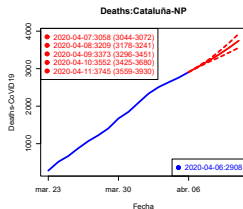
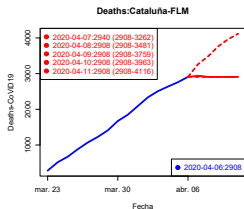


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

◀ Confirmados

◀ Fallecidos

Fallecidos: Cataluña

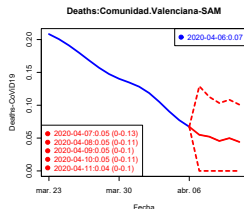
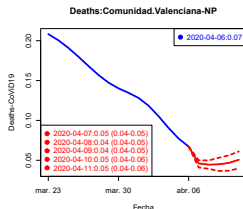
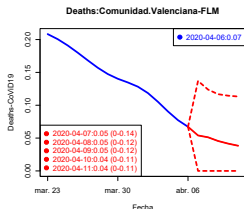
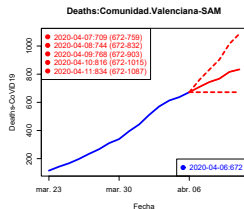
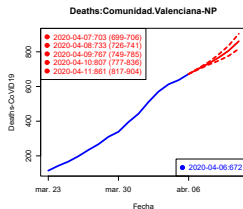
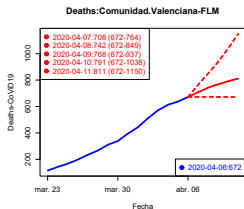


Los valores del Ratio de incremento de H2–H5 están rescalados a H1 para su comparación gráfica.

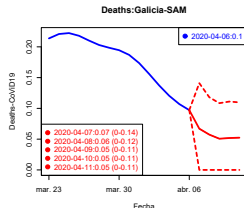
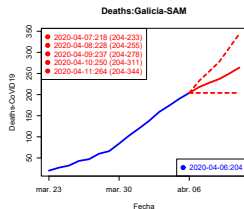
◀ Confirmados

◀ Fallecidos

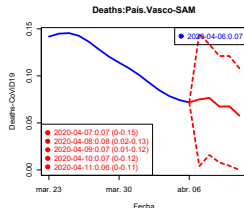
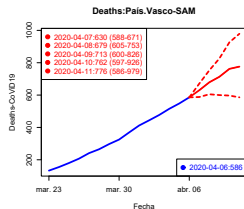
Fallecidos: C. Valenciana



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

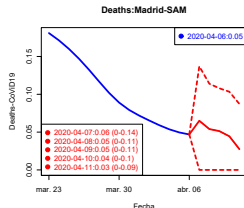
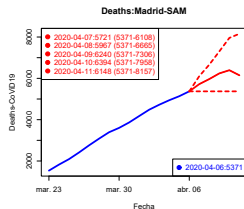


◀ Confirmados ▶ Fallecidos



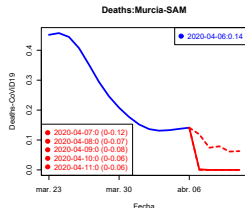
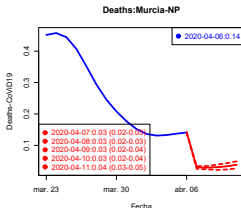
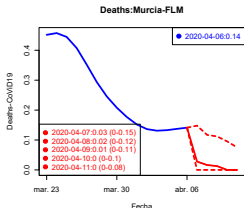
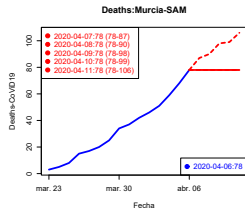
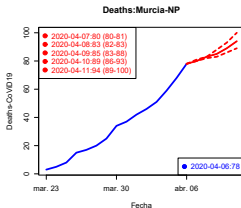
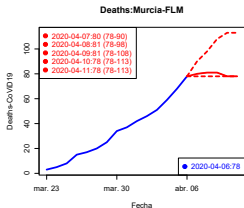
◀ Confirmados

○○

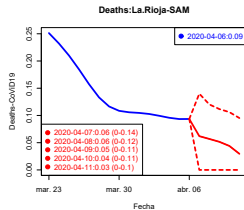
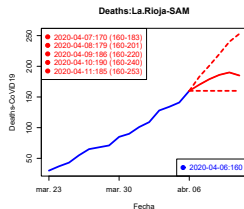


◀ Confirmados ◀ Fallecidos

Fallecidos: Murcia



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.