

COVID19 Model Power Rankings: All State-Level Models, Weekly Power Rating

Comparison of all state-level models submitted to @reichlab COVID19 Forecast Hub from week 17 (starting 19-April-2020) onward.

Models are evaluated over the course of a 4-week time horizon for each forecast submitted.

Methodology & source code: <https://github.com/JohnBurant/COVID19-Model-Power-Ratings>.

Model / Forecast Week	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
COVIDhub-ensemble		79.72	90.62	74.43	83.13	69.79	79.94	86.03	77.08	76.17	86.26	87.33	78.22	85.66	81.17	94.94
OliverWyman-Navigator								85.89	80.45	63.97	76.99	84.32	81.42	88.07	83.92	89.45
YYG-ParamSearch	91.90	83.91	90.69	80.02	74.02	63.85	91.86	87.74	90.65	81.84	84.02	65.81	80.75	72.66	74.28	86.85
USC-SI_kJalpha											61.69	64.79	28.25	80.90	49.66	79.30
UMass-MechBayes					97.19	99.88	71.59	89.19	95.46	69.44	73.05	86.62	95.73	85.00	57.18	79.19
JCB-PRM															86.67	77.91
UCLA-SuEIR			35.78	40.83	81.39	79.31	84.40	80.74	78.77	59.50	54.65	57.97	61.58	47.49	70.05	74.41
COVIDhub-baseline	44.61	71.29	62.86	10.85	38.70	24.49	52.97	50.23	36.85	55.47	26.37	54.26	51.33	51.84	67.97	72.77
IowaStateLW-STEM			12.05		38.95	37.52	32.68	51.19	34.03	37.17	25.63	43.95	48.97	40.89	51.62	65.87
GT-DeepCOVID												12.72	43.46	40.08	53.96	62.98
CovidAnalytics-DELPHI			32.61	5.16	35.69	61.66	78.93	53.61	33.44	52.64	59.87	37.07	55.04	72.76	66.67	61.01
CU-select	57.71	38.82	64.25	51.22	54.35	38.01	13.27	19.45	12.38	2.97	0.99	37.87	67.51	51.02	55.29	60.35
UA-EpiCovDA						0.17	6.94	1.16	40.31	79.33	40.71	41.56	40.77	74.01	90.08	57.31
Covid19Sim-Simulator						19.25	16.09	18.84	53.57	56.17	31.82	42.44	47.59	40.69	35.24	45.32
IHME-CurveFit	59.15	9.93	44.60	26.46	36.82		54.11	66.91	58.98	68.98	73.88	53.39		42.05	38.54	41.85
Auquan-SEIR							0.00	0.00	0.00	26.89	50.64	36.92				38.96
JHU_IDD-CovidSP					0.00	0.00	4.64	4.83	16.00	0.43	24.18	58.73	50.35	36.64	38.04	35.92
LANL-GrowthRate		56.21	82.93	68.36	87.88	77.03	90.36	75.83	60.56	52.08	66.23	60.74	43.78	23.65	13.47	34.18
RobertWalraven-ESG												5.84	0.82	16.38	11.83	33.54
DDS-NBDS															34.76	32.99
Karlen-pypm															20.31	25.58
LNQ-ens1														22.74	15.74	24.39
USACE-ERDC_SEIR					32.76	14.70	5.65	9.59	34.17	11.45	12.17	84.72	68.54	13.04	27.47	23.34
MOBS-GLEAM_COVID	24.77	29.17	31.50	25.50	57.73	63.82	79.25	69.54	63.84	40.44	42.26	54.08	40.29	50.44	52.27	17.12
PSI-DRAFT					23.42	23.20	51.76	13.33	29.51	24.91	32.52	18.48	9.92	51.55	29.02	7.51
UT-Mobility	19.00	5.79	11.19		59.44	58.08	78.70	70.99	65.45	65.16	78.91	66.08	77.58	61.63	34.56	6.81
MITCovAlliance-SIR											21.02	6.37	0.00	7.04	5.38	6.39
NotreDame-mobility										16.45	35.43	40.95	39.54	22.91	12.63	1.58
SWC-TerminusCM							31.49				42.25					
CovidActNow-SEIR_CAN								8.12	1.40			25.03				

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