

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
UA-EpiCovDA						0.17	6.94	1.16	40.31	79.18	40.51	41.66	40.48	73.21	89.63
JCB-PRM															86.29
OliverWyman-Navigator								85.89	80.27	63.81	76.89	84.33	81.43	88.16	83.50
COVIDhub-ensemble		79.72	90.62	74.43	83.13	69.79	79.94	86.03	76.69	75.14	85.94	87.20	77.87	86.13	80.78
YYG-ParamSearch	91.90	83.91	90.69	80.02	74.02	63.85	91.86	87.74	90.39	81.14	83.57	65.95	80.33	71.98	73.37
UCLA-SuEIR			35.78	40.83	81.39	79.31	84.40	80.74	78.51	59.62	53.82	57.95	61.26	44.27	68.34
COVIDhub-baseline	44.61	71.29	62.86	10.85	38.70	24.49	52.97	50.23	36.33	55.56	25.70	54.27	51.39	48.77	66.49
CovidAnalytics-DELPHI			32.61	5.16	35.69	61.66	78.93	53.61	33.16	52.56	59.81	36.95	55.15	71.31	65.58
UMass-MechBayes					97.19	99.88	71.59	89.19	95.38	69.11	72.63	86.67	95.70	84.60	54.80
CU-select	57.71	38.82	64.25	51.22	54.35	38.01	13.27	19.45	12.41	2.97	0.99	38.14	67.68	48.97	53.18
GT-DeepCOVID												12.39	43.99	37.44	52.28
IowaStateLW-STEM			12.05		38.95	37.52	32.68	51.19	33.83	36.53	25.70	43.88	49.32	38.13	49.99
MOBS-GLEAM_COVID	24.77	29.17	31.50	25.50	57.73	63.82	79.25	69.54	63.78	39.16	41.48	54.18	40.18	47.19	49.51
USC-SI_kAlpha											61.01	64.44	28.45	80.75	47.14
JHU_IDD-CovidSP					0.00	0.00	4.64	4.83	15.99	0.43	24.26	58.81	50.76	33.81	36.25
IHME-CurveFit	59.15	9.93	44.60	26.46	36.82		54.11	66.91	58.74	68.48	73.48	53.17		38.65	36.06
UT-Mobility	19.00	5.79	11.19		59.44	58.08	78.70	70.99	65.31	65.23	78.75	66.13	77.42	59.25	33.46
DDS-NBDS															33.42
Covid19Sim-Simulator						19.25	16.09	18.84	53.50	55.98	31.17	42.39	47.64	39.14	32.84
PSI-DRAFT					23.42	23.20	51.76	13.33	29.13	24.45	31.92	18.86	9.60	49.25	28.56
USACE-ERDC_SEIR					32.76	14.70	5.65	9.59	33.93	11.26	12.07	84.85	69.02	13.41	24.53
Karlen-pypm															19.82
LANL-GrowthRate		56.21	82.93	68.36	87.88	77.03	90.36	75.83	60.05	50.96	66.15	60.66	43.64	19.34	10.60
NotreDame-mobility										16.45	35.31	41.00	38.98	18.70	8.02
RobertWalraven-ESG												5.90	0.82	16.22	6.38
MITCovAlliance-SIR											20.99	6.07	0.00	6.51	4.40
Auquan-SEIR							0.00	0.00	0.00	26.89	50.35	36.77			
SWC-TerminusCM							31.49				42.00				
CovidActNow-SEIR_CAN								8.12	1.35				25.00		

Created: @JohnBurant, 29 August 2020