COVID19 Model Power Rankings: All State-Level Models, Weekly Power Rating (through week 40, i.e., w/e 3 Oct 2020)

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 / Starting Week	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
COVIDhub-ensemble		79.61	90.01	79.89	85.82	68.57	80.09	86.43	76.05	75.00	85.14	87.26	78.02	84.04	79.25	92.10	92.92	95.44	92.52	92.79	94.16
SteveMcConnell-CovidComplete																			45.87	62.16	90.80
UMass-MechBayes					97.84	99.98	72.36	89.41	95.45	68.42	71.94	86.42	95.66	82.41	50.23	74.89	69.14	79.22	68.40	68.96	90.46
LNQ-ens1														91.97	73.42	86.74	70.44	74.95	88.36	87.90	87.36
OliverWyman-Navigator								86.21	79.47	62.31	75.02	84.21	81.30	86.15	82.11	85.85	86.28	92.37	86.62	78.25	84.21
JCB-PRM															85.25	74.12	68.15	82.79	83.61	85.10	82.50
YYG-ParamSearch	91.39	84.28	90.92	84.57	76.05	62.97	91.23	87.58	89.95	82.44	84.56	65.75	81.48	70.02	70.95	83.39	90.04	91.58	84.92	83.22	75.72
Karlen-pypm															18.41	24.76	18.67	31.72	63.42	67.29	74.55
UCLA-SuEIR			34.72	42.78	82.67	77.31	86.15	81.67	79.59	59.61	56.29	58.23	62.10	42.03	65.13	70.07	71.01	65.47	78.32	69.66	69.32
DDS-NBDS															30.69	30.10	3.56	53.61	43.15	74.49	69.13
USC-SI_kJalpha											60.22	64.60	27.41	78.47	42.13	75.40	86.44	83.96	73.11	76.96	65.78
Covid19Sim-Simulator						19.21	15.71	18.78	54.04	56.79	32.67	42.61	48.05	37.91	29.50	40.18			0.90	56.43	61.67
MOBS-GLEAM_COVID	23.37	28.37	30.83	26.56	58.87	63.74	81.07	70.92	64.70	40.80	43.58	54.36	40.59	46.07	44.15	15.27	52.71	48.93	47.33	36.38	60.46
CovidAnalytics-DELPHI			32.63	6.51	33.78	62.75	81.24	53.75	33.08	53.03	60.04	36.96	54.70	69.66	62.85	56.11	39.91	55.58	65.22	64.87	57.06
IowaStateLW-STEM			11.51		40.14	36.46	31.95	50.14	32.89	35.73	26.51	43.69	48.36	36.19	45.20	61.23		36.74	29.26	47.94	56.39
NotreDame-mobility										16.45	35.99	41.18	40.10	17.46	3.35	0.19	14.90	54.92	66.25	41.76	55.82
MIT_CritData-GBCF																					54.36
CEID-Walk																	82.51	59.98	47.18	40.50	50.61
JHU_IDD-CovidSP					0.00	0.19	5.46	4.73	15.76	0.42	23.20	58.65	50.42	32.04	31.40	30.30	5.45	6.81	23.24	25.92	49.34
COVIDhub-baseline	48.06	71.25	63.97	10.93	41.04	24.43	51.64	49.36	35.37	53.90	24.38	54.15	51.08	46.10	63.14	67.84	77.04	60.92	47.30	40.70	48.29
GT-DeepCOVID												12.66	42.55	37.02	47.88	59.30	45.08	53.56	66.60	39.57	48.05
CU-select	59.09	38.70	64.84	54.82	48.71	37.89	13.94	19.31	12.23	3.21	1.25	37.59	67.20	46.35	48.31	55.35	55.97	36.94	44.54	42.13	46.20
Columbia_UNC-SurvCon																					40.71
LANL-GrowthRate		56.39	83.61	67.17	87.26	74.58	89.47	75.15	58.95	50.78	64.32	60.55	43.28	18.23	7.09	26.26	27.66	31.65	31.79	29.48	37.24
UCSD_NEU-DeepGLEAM																					31.33
IHME-CurveFit	56.46	9.94	45.68	31.69	38.23		54.68	66.39	57.71	69.95	73.67	53.64		37.49	31.53	36.22	31.30		8.04	7.67	26.22
PSI-DRAFT					22.78	23.60	53.07	13.46	28.60	24.71	33.98	18.58	9.97	48.33	25.14	7.25	28.79	3.40	29.02	41.13	19.51
UMich-RidgeTfReg																	8.29			36.43	19.26
UA-EpiCovDA						0.17	7.17	1.31	41.02	79.89	40.31	41.77	41.50	71.66	88.83	52.52	54.17	63.55	58.57	14.02	16.63
USACE-ERDC_SEIR					28.53	16.25	5.71	10.01	33.02	11.04	12.15	84.85	68.85	13.13	19.11	17.58	3.31	7.65	8.92	5.88	5.72
RobertWalraven-ESG												5.84	0.96	15.78	2.40	26.47	9.29	8.13	4.50	8.30	5.23
epiforecasts-ensemble1																		21.38	12.88	9.50	3.32
WalmartLabsML-LogForecasting																					2.42
JHUAPL-Bucky																				0.83	2.31
UT-Mobility	16.18	5.79	11.25		52.77	58.29	80.77	72.59	65.92	64.58	78.30	65.93	77.18	56.48	30.39	6.36		10.51	36.22		
Auquan-SEIR							0.00	0.00	0.00	26.11	48.55	36.86				32.81	20.31	20.84	14.33		
SWC-TerminusCM							33.31				43.73										
CovidActNow-SEIR_CAN								7.31	1.41			25.04									
MITCovAlliance-SIR											21.33	6.36	0.00	6.24	3.01	5.65		0.50			
TTU-squider																		0.00			

Created by @JohnBurant, 6 Oct 2020