COVID19 Model Power Rankings: All State-Level Models, Weekly Power Rating (through week 37, i.e., w/e 12 Sept 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
COVIDhub-ensemble		79.61	90.01	79.89	85.82	68.57	80.09	86.43	77.09	75.00	85.14	87.26	78.02	85.72	81.06	94.97	93.00	95.44
OliverWyman-Navigator								86.21	79.97	62.64	75.02	84.21	81.30	88.04	83.83	89.33	86.87	92.68
YYG-ParamSearch	91.39	84.28	90.92	84.57	76.05	62.97	91.23	87.58	90.52	82.46	84.56	65.75	81.48	72.84	74.20	86.90	90.61	91.85
USC-SI_kJalpha											60.22	64.60	27.41	80.80	49.57	79.17	87.23	84.75
JCB-PRM															86.47	77.89	69.17	83.33
UMass-MechBayes					97.84	99.98	72.36	89.41	95.60	68.70	71.94	86.42	95.66	84.99	57.01	79.25	70.62	80.34
LNQ-ens1														22.70	15.65	24.41	71.62	76.53
UCLA-SuEIR			34.72	42.78	82.67	77.31	86.15	81.67	80.19	59.86	56.29	58.23	62.10	47.29	69.84	74.71	72.76	67.74
UA-EpiCovDA						0.17	7.17	1.31	41.02	79.91	40.31	41.77	41.50	74.66	90.18	57.54	56.40	65.36
COVIDhub-baseline	48.06	71.25	63.97	10.93	41.04	24.43	51.64	49.36	36.67	54.16	24.38	54.15	51.08	51.53	67.85	72.77	78.15	62.99
CEID-Walk																	83.60	62.07
NotreDame-mobility										16.45	35.99	41.18	40.10	22.96	12.81	1.59	16.13	57.60
CovidAnalytics-DELPHI			32.63	6.51	33.78	62.75	81.24	53.75	33.82	53.28	60.04	36.96	54.70	73.26	67.08	61.34	42.39	57.28
DDS-NBDS															34.66	33.03	4.43	56.44
GT-DeepCOVID												12.66	42.55	39.96	53.89	63.04	47.40	55.81
MOBS-GLEAM_COVID	23.37	28.37	30.83	26.56	58.87	63.74	81.07	70.92	64.85	40.84	43.58	54.36	40.59	50.52	52.24	17.09	55.08	51.08
CU-select	59.09	38.70	64.84	54.82	48.71	37.89	13.94	19.31	12.40	3.21	1.25	37.59	67.20	50.92	55.15	60.43	58.12	40.67
IowaStateLW-STEM			11.51		40.14	36.46	31.95	50.14	33.35	36.08	26.51	43.69	48.36	40.45	51.47	66.00		40.34
LANL-GrowthRate		56.39	83.61	67.17	87.26	74.58	89.47	75.15	60.11	50.78	64.32	60.55	43.28	23.20	13.43	34.30	30.97	35.28
Karlen-pypm															20.37	25.68	21.97	34.85
epiforecasts-ensemble1																		23.25
Auquan-SEIR							0.00	0.00	0.00	26.11	48.55	36.86				39.03	22.76	22.57
UT-Mobility	16.18	5.79	11.25		52.77	58.29	80.77	72.59	66.26	64.84	78.30	65.93	77.18	61.13	34.38	6.88		11.91
RobertWalraven-ESG												5.84	0.96	16.46	11.88	33.74	9.63	11.47
USACE-ERDC_SEIR					28.53	16.25	5.71	10.01	33.53	11.04	12.15	84.85	68.85	12.91	27.37	23.43	6.37	9.43
JHU_IDD-CovidSP					0.00	0.19	5.46	4.73	15.93	0.42	23.20	58.65	50.42	36.60	38.14	35.95	7.37	9.24
PSI-DRAFT					22.78	23.60	53.07	13.46	29.52	24.79	33.98	18.58	9.97	51.94	29.06	7.77	31.67	4.40
MITCovAlliance-SIR											21.33	6.36	0.00	7.02	5.46	6.49		1.34
TTU-squider																		0.00
IHME-CurveFit	56.46	9.94	45.68	31.69	38.23		54.68	66.39	58.26	69.95	73.67	53.64		41.88	38.55	42.01	34.50	
Covid19Sim-Simulator						19.21	15.71	18.78	54.31	57.01	32.67	42.61	48.05	40.91	35.41	45.72		
SWC-TerminusCM						33.31					43.73							
CovidActNow-SEIR_CAN								7.31	1.62			25.04						
UMich-RidgeTfReg																	9.45	

Created by @JohnBurant, 15 Sept 2020