

## COVID19 Model Power Rankings: All Models, Weekly Power Rating

Comparison of all (qualifying) models submitted to @reichlab COVID19 Forecast Hub from week 17 (2020) forward, over full 4-week time horizon for each forecast submitted.

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

Model	17	18	19	20	21	22	23	24	25	26	27	28	29
UMass-MechBayes		0	35.62	65.47	97.18	99.88	71.55	89.29	95.76	68.52	73.26	86.83	95.66
OliverWyman-Navigator								85.63	80.44	62.96	77.34	84.52	81.27
YYG-ParamSearch	85.57	83.52	89.82	83.87	75.18	64.86	92.17	88.05	90.82	79.9	83.89	66.11	79.85
COVIDhub-ensemble		77.22	89.48	77.44	81.76	70.45	80.18	86.18	76.54	74.06	86.25	87.57	77.47
UT-Mobility	16.92	5.79	11.61		61.02	58.78	78.97	70.73	66.12	64.71	79.03	66.24	77.15
USACE-ERDC_SEIR					33.03	15.65	5.65	10.27	34.69	11.24	12.7	84.63	68.63
CU-select	50.04	36.56	63.93	54.39	51.96	38.92	12.36	18.25	11.31	2.97	0.99	38.03	67.3
UCLA-SuEIR			35.89	41.95	81.82	79.32	84.53	80.29	79.21	59.5	54.64	58.4	60.7
CovidAnalytics-DELPHI		55.31	32.95	7.32	34.27	62.03	78.42	53.35	33.61	51.55	60.82	37.29	54.31
COVIDhub-baseline	39.89	70.48	62.8	9.58	38.55	25.01	53.58	50.7	36.97	55.2	26.42	54.68	50.79
JHU_IDD-CovidSP					0	0	3.71	3.43	14.79	0.32	25.49	58.76	50.17
IowaStateLW-STEM		48.22	12.6		39.46	38.43	31.5	50.18	34.81	35.46	26.96	43.92	48.67
Covid19Sim-Simulator						19.74	14.8	18.81	53.5	54.47	32.24	42.27	46.89
GT-DeepCOVID				22.47	19.27	19.48	21.19	14.28	8.51	10.95	16.38	13.21	43.4
LANL-GrowthRate	42.44	53.27	82.65	70.16	87.42	77.3	90.04	75.67	60.41	50.26	66.86	61.12	42.79
Baseline	64.49	46.52	40.73	15.49	25.19	26.51	45.1	32.46	39.59	51.57	15.44	37.85	42.23
UA-EpiCovDA						0.19	6.9	1.54	41.42	78.31	41.57	41.98	39.64
MOBS-GLEAM_COVID	22.33	25.52	30.88	26.14	56.61	64.05	79.15	68.93	64.87	38.4	42.59	54.42	39.26
NotreDame-mobility										16.45	35.56	41.33	37.91
USC-SI_kAlpha											61.93	64.94	27.73
Columbia_UNC-SurvCon												21.7	16.64
QJHong-Encounter												12.19	9.92
PSI-DRAFT					24.99	24.4	50.64	13.92	28.46	23	33.41	18.29	8.95
UMich-RidgeTfReg												6.21	2.47
epiforecasts-ensemble1									7	10.25	12.35	5.18	1.72
RobertWalraven-ESG												5.9	0.82
MITCovAlliance-SIR											21.56	6.37	0
IHME-CurveFit	56.48	8.41	44.95	32.12	34.95		53.47	65.82	59.05	67.21	73.91	53.32	
Auquan-SEIR					0.14	0	0	0	0	26.32	51.35	37.25	
CovidActNow-SEIR_CAN							23.95	6.04	0.75	0		25.04	
SWC-TerminusCM							30.42	14.24	10.24		43.07		

Created: @JohnBurant, 15 August 2020