

## COVID19 Model Power Rankings: All Models, Lifetime 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	Power_Rating
YYG-ParamSearch	81.82
COVIDhub-ensemble	80.38
OliverWyman-Navigator	78.69
UMass-MechBayes	73.25
LANL-GrowthRate	66.18
UCLA-SuEIR	65.11
UT-Mobility	54.76
USC-SI_kJalpha	51.53
IHME-CurveFit	49.97
MOBS-GLEAM_COVID	47.16
CovidAnalytics-DELPHI	46.77
COVIDhub-baseline	44.2
IowaStateLW-STEM	37.29
Baseline	37.17
Covid19Sim-Simulator	35.34
CU-select	34.39

Model	Power_Rating
NotreDame-mobility	32.81
UA-EpiCovDA	31.44
USACE-ERDC_SEIR	30.72
PSI-DRAFT	25.12
SWC-TerminusCM	24.49
Columbia_UNC-SurvCon	19.17
GT-DeepCOVID	18.91
JHU_IDD-CovidSP	17.41
Auquan-SEIR	14.38
CovidActNow-SEIR_CAN	11.16
QJHong-Encounter	11.06
MITCovAlliance-SIR	9.31
epiforecasts-ensemble1	7.3
UMich-RidgeTfReg	4.34
RobertWalraven-ESG	3.36

Created: @JohnBurant, 15 August 2020