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|  |  |  | Model Description | | |
| Team | Model Abbr | Data Source | Description | Assumes about social distancing changes in the future: | Assumes existing social distancing measures will continue through the projected four-week time period: |
| COVIDhub | baseline | JHU CSSE | median prediction at all future horizons equals most recent observed incidence |  | X |
| ensemble | JHU CSSE | average of submitted forecasts to the COVID-19 Forecast Hub. |  |  |
| Covid19Sim | Simulator | JHU CSSE, covidtracking.com | SEIR model with continuous time progression |  | X |
| GT | DeepCOVID | COVID Tracking Project, JHU, COVID-Net, NYT,  demographic, mobility and symptomatic data | Data-driven approach based on deep learning for forecasting mortality and hospitalizations |  | X |
| IHME | CurveFit | JHU, data on hospital capacity and utilization for Usstates | Non-linear mixed effects curve-fitting |  | X |
| JHU\_IDD | CovidSP | USAFacts (confirmed cases; reported fatalities), US Census (population), mobility | metapopulation model with commuting and stochastic SEIR disease dynamics | X |  |
| LANL | GrowthRate | JHU CSSE | Statistical dynamical growth model accounting for population susceptibility. |  | X |
| MOBS | GLEAM\_COVID | Offices of Statistics of 30 countries on five continents. | Metapopulation, age structured SLIR model. |  | X |
| OliverWyman | Navigator | Reported daily confirmed cases and reported daily deaths | Compartmental formulation with non-stationery transition rates | X |  |
| UCLA | SuEIR | JHU CSSE case and death data, COVID19 tracking project hospitalization  data | SEIR model variant considering both untested and unreported cases |  |  |
| UMass | MechBayes | JHU -CSSEGISandData | Bayesian compartmental model | and unreported cases |  |
| USACE | ERDC\_SEIR |  | SEIR model with additional compartments for unreported infections and isolated individuals |  | X |
| UT | Mobility | JHU CSSE | Bayesian multilevel negative  binomial regression model |  | X |
| YYG | ParamSearch | JHU | SEIR model with a machine learning layer. | X |  |