

Resource Summary Report

Generated by [kravitz2](#) on Aug 24, 2026

BayesEpiModels Web App

RRID:SCR_019292

Type: Tool

Proper Citation

BayesEpiModels Web App (RRID:SCR_019292)

Resource Information

URL: <https://qiwei.shinyapps.io/PredictCOVID19/>

Proper Citation: BayesEpiModels Web App (RRID:SCR_019292)

Description: Web app to help assess both short- and long-term forecasts of COVID-19 across the United States at multiple levels. Done by implementing one time-series model (ARIMA), one compartmental models (basic SIR), and six classical growth models, which all yield satisfactory prediction results in the past and current pandemics at early stage.

Resource Type: analysis service resource, production service resource, service resource, software resource, web application

Keywords: COVID-19, SARS-CoV-2, stochastic growth model, stochastic SIR model, Bayesian inference,

Availability: Free, Freely available

Resource Name: BayesEpiModels Web App

Resource ID: SCR_019292

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260821T194158+0000

Ratings and Alerts

No rating or validation information has been found for BayesEpiModels Web App.

No alerts have been found for BayesEpiModels Web App.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Li Q, et al. (2021) Evaluating short-term forecasting of COVID-19 cases among different epidemiological models under a Bayesian framework. GigaScience, 10(2).