

Cumulative excess deaths Germany 2020w1 through 2020w52 under different baseline models

Cumulative number of excess deaths

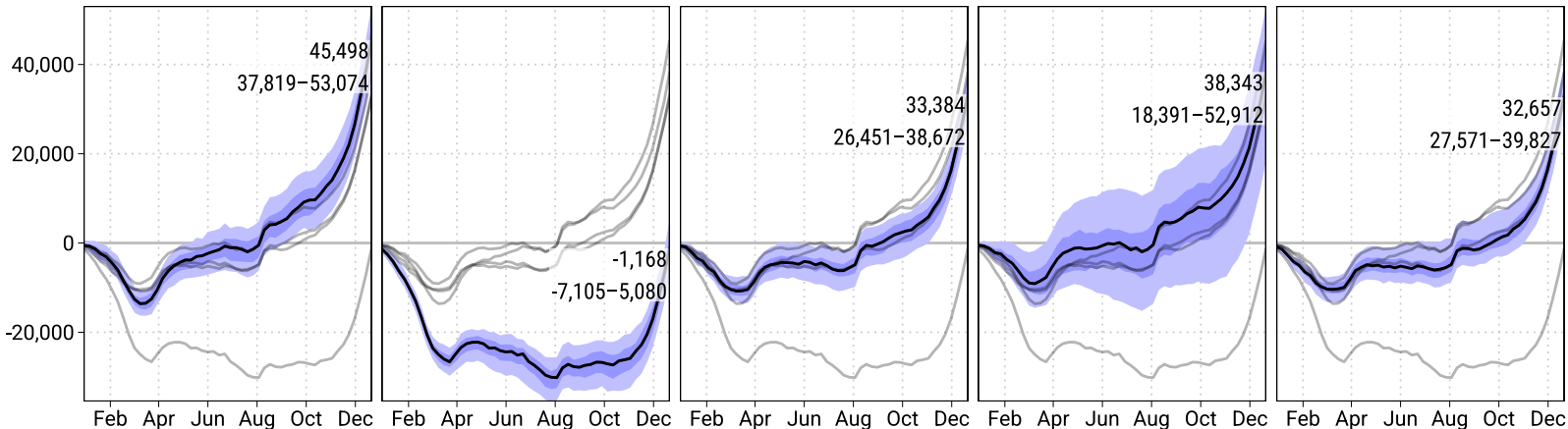
AVC

AVR

GAM

LGM

SRF



95 and 50% prediction intervals

AVC: 5 year avg. weekly death counts

AVR: 5 year avg. weekly death rates

GAM: Quasi-Poisson regression with smooth seasonality and control for mortality trends and population structure

LGM: Quasi-Poisson regression with smooth seasonality, autocorrelation, and control for mortality trends and population structure

SRF: Quasi-Poisson regression in Serfling specification trained on all weeks with control for population structure

Jonas Schöley, PhD. Data: STMF mortality.org Dec 22 2021, Code: github.com/jschoeley/xgermany2020