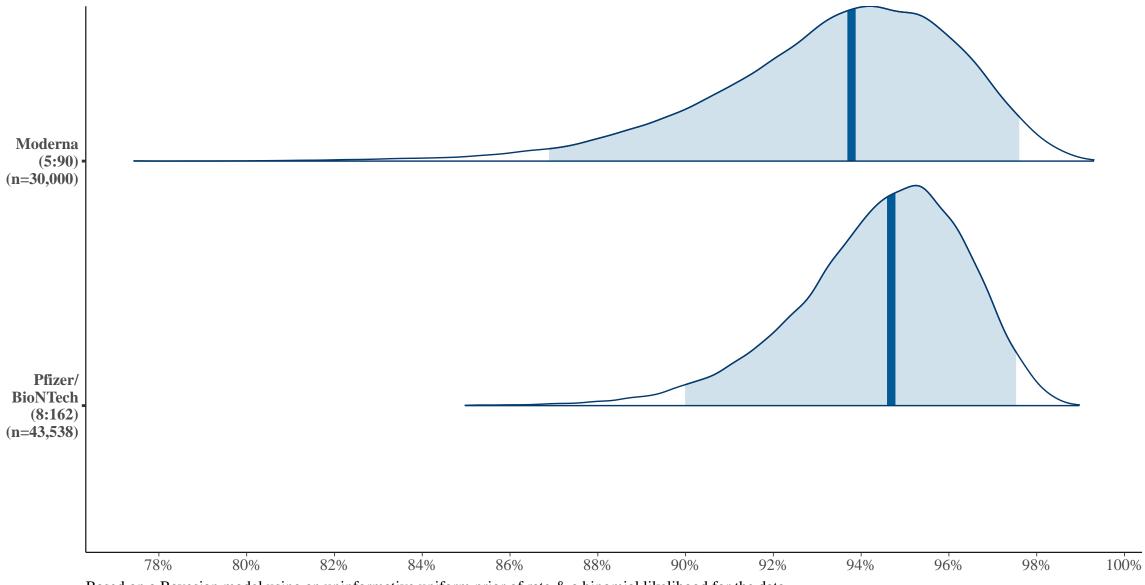
COVID-19 Vaccine Efficacy Rates Estimation for Moderna & Pfizer/BioNTech (Posterior Distributions)

Shaded regions show 95% credible intervals Solid lines show median values



Based on a Bayesian model using an uninformative uniform prior of rate & a binomial likelihood for the data.

Model fit with Stan using Hamiltonian MCMC.

Equal split of subject number (n) between vaccine & placebo groups assumed.

Data sources: https://bit.ly/3pFiAhV https://bit.ly/2HdGXSD https://bit.ly/3nAsyzs

Code: https://bit.ly/32WDn6N Created by: Andrew Kostandy