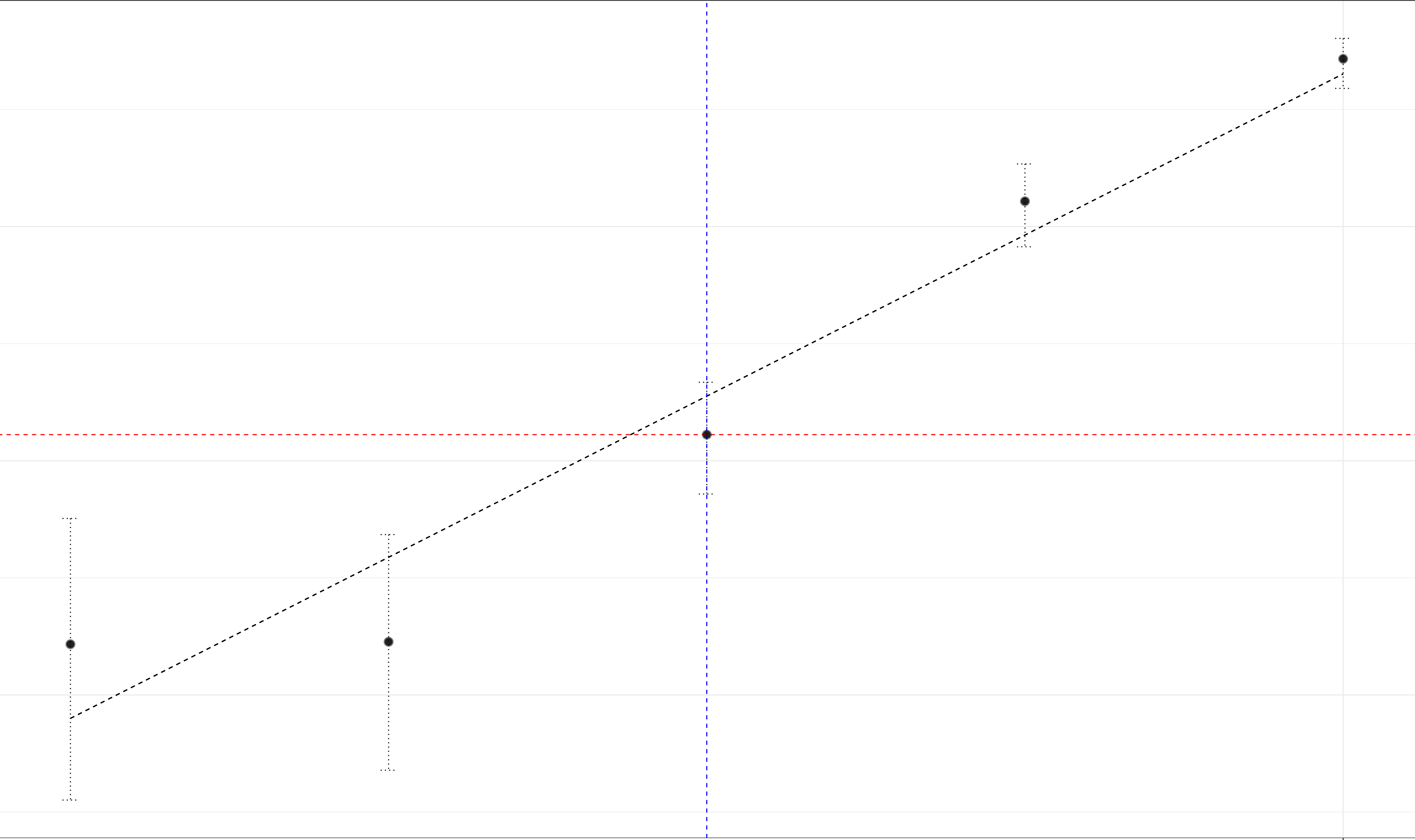


Estimates of mean vaccine efficacy against symptomatic COVID–19 infection

working MSM summary: ($\hat{\beta}_{\text{TMLE}} = 0.0344$, p–value = 0.5184)

Stochastic interventional vaccine efficacy against symptomatic COVID–19 infection



2

Posited change in standardized pseudo-neutralizing antibody (ID80)

Stochastic counterfactual vaccine efficacy v. COVID–19 infection across standardized shifts in pseudo-neutralizing antibody (ID80) levels, with projection of dose–response curve onto a linear working model for summarization.