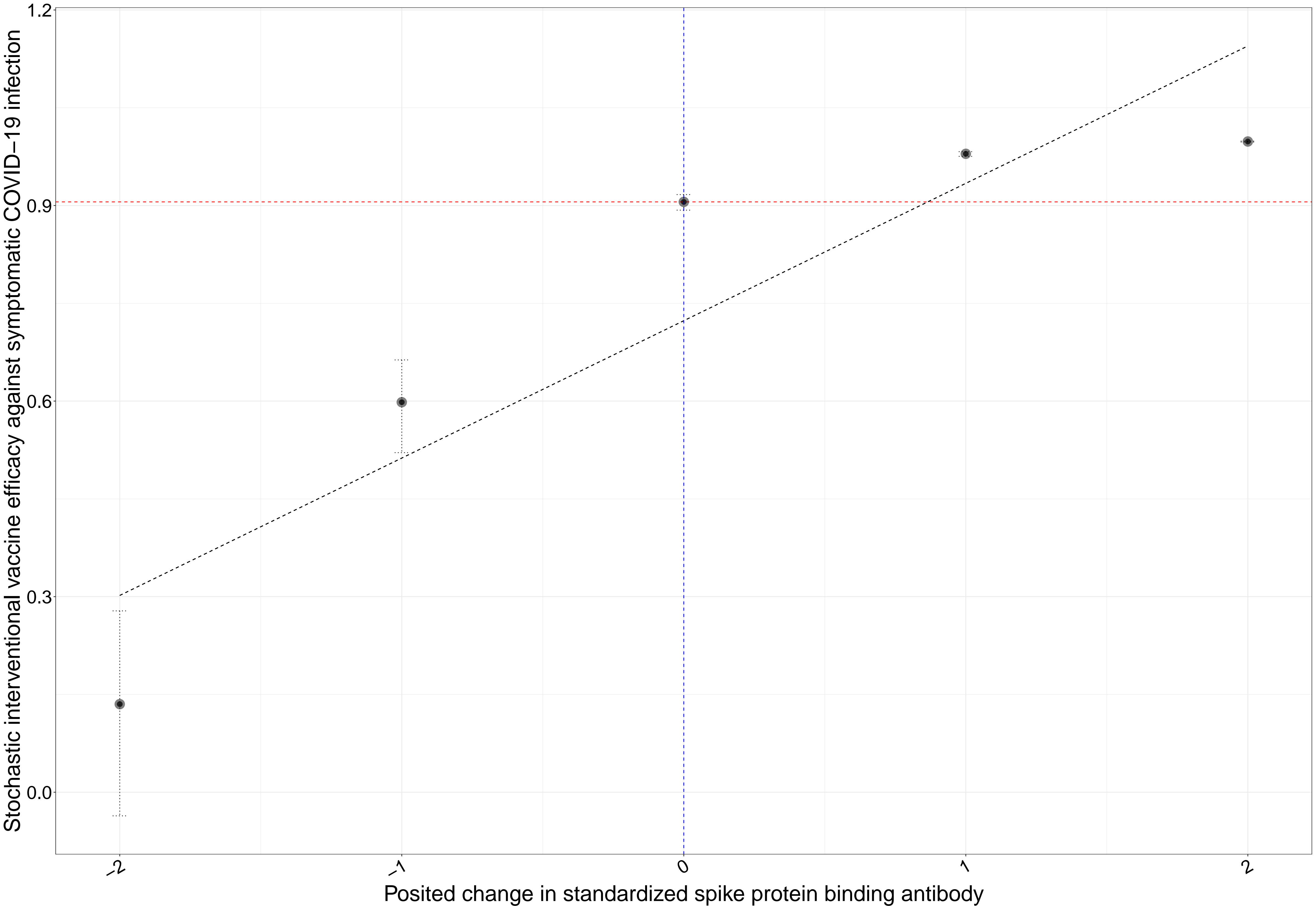


Estimates of mean vaccine efficacy against symptomatic COVID-19 infection

working MSM summary: ($\hat{\beta}_{\text{TMLE}} = 0.2107$, p-value = $1\text{e-}04$)



Stochastic counterfactual vaccine efficacy v. COVID-19 infection across standardized shifts in spike protein binding antibody levels, with projection of dose-response curve onto a linear working model for summarization.