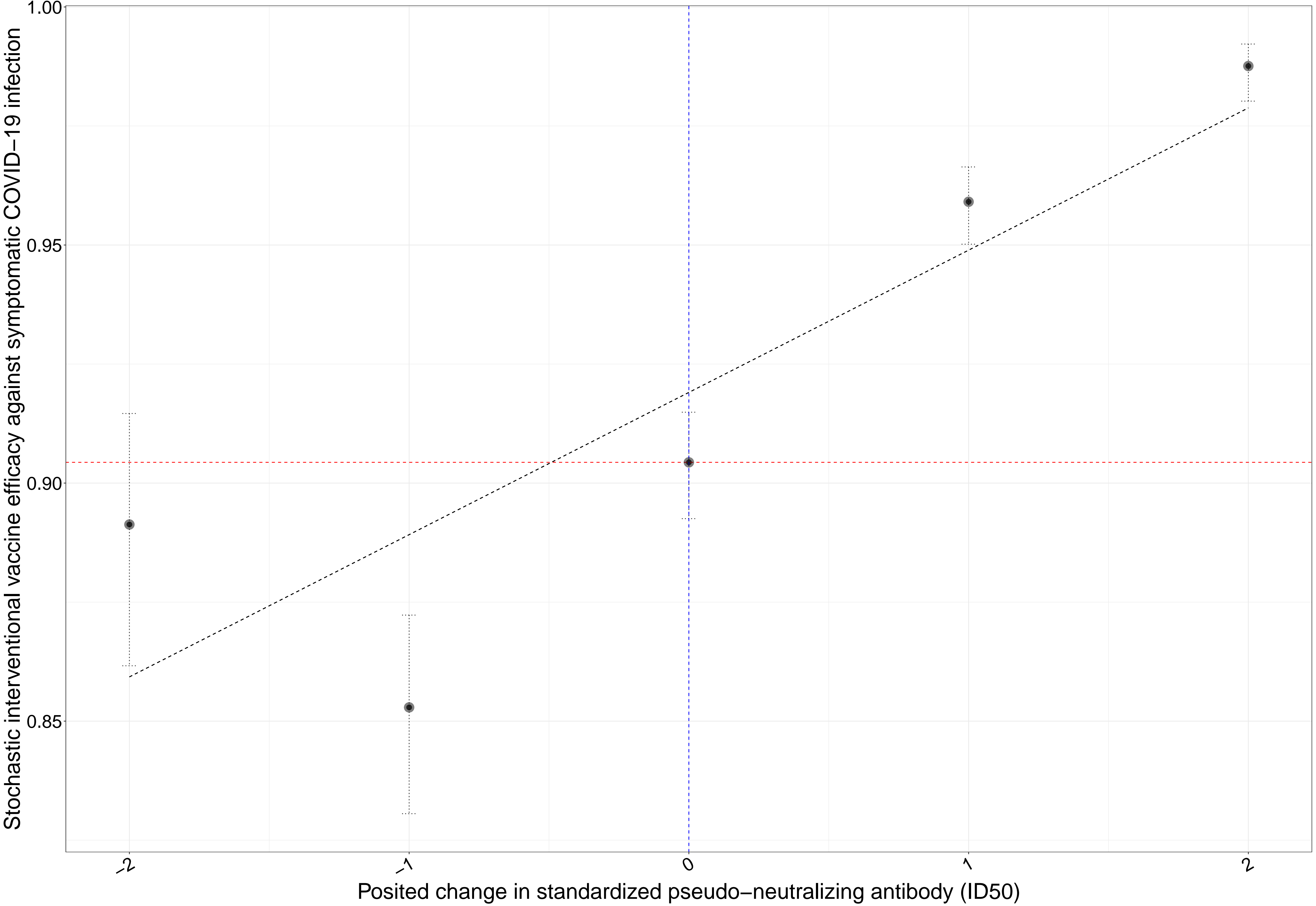


Estimates of mean vaccine efficacy against symptomatic COVID-19 infection

working MSM summary: ($\hat{\beta}_{\text{TMLE}} = 0.0299$, p-value = 0.6189)



Stochastic counterfactual vaccine efficacy v. COVID-19 infection across standardized shifts in pseudo-neutralizing antibody (ID50) levels, with projection of dose-response curve onto a linear working model for summarization.