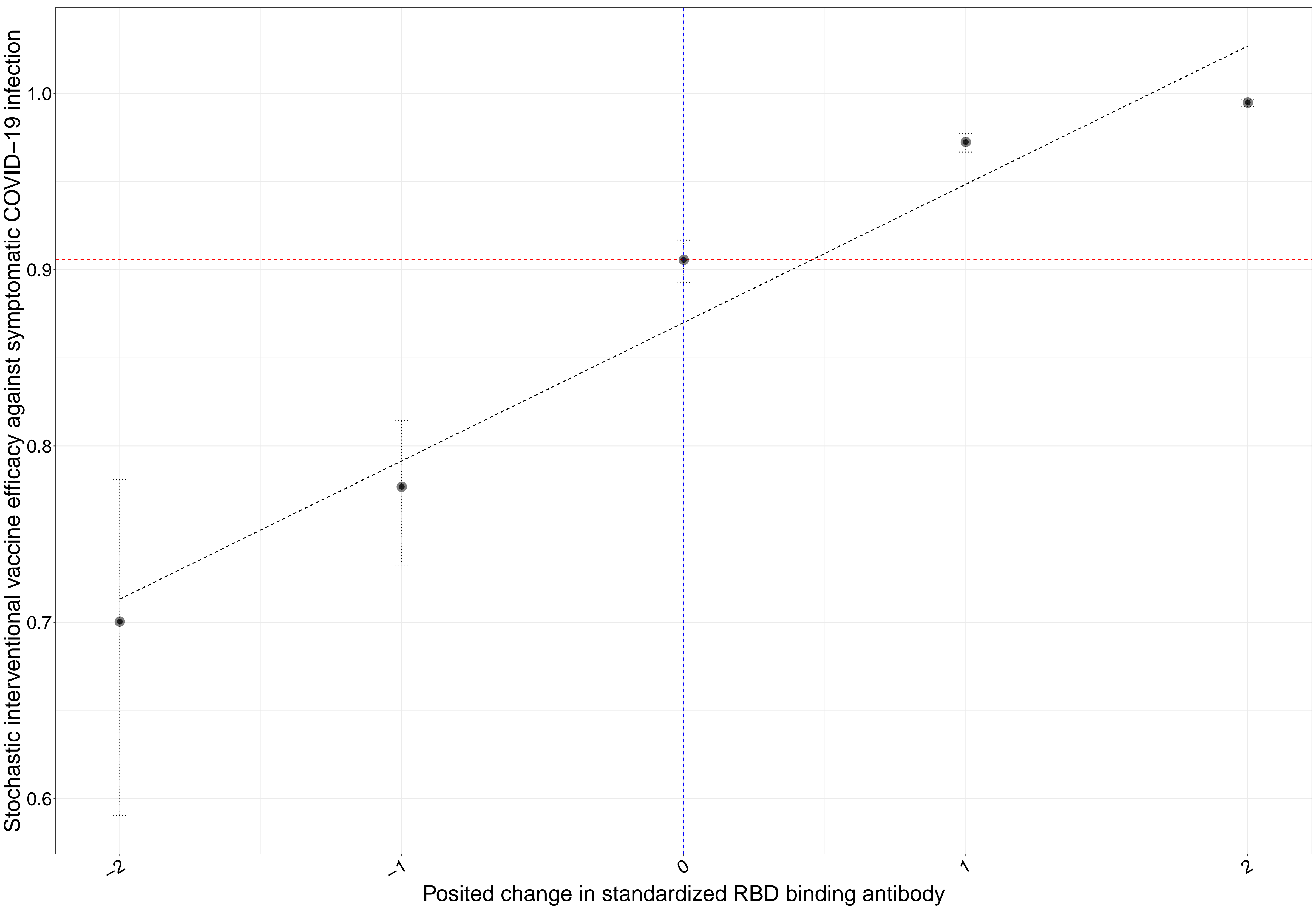


Estimates of mean vaccine efficacy against symptomatic COVID–19 infection

working MSM summary: ($\hat{\beta}_{\text{TMLE}} = 0.0784$, p-value = 0.1948)



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