Estimated vaccine efficacy v. symptomatic COVID−19 infection at Day 29
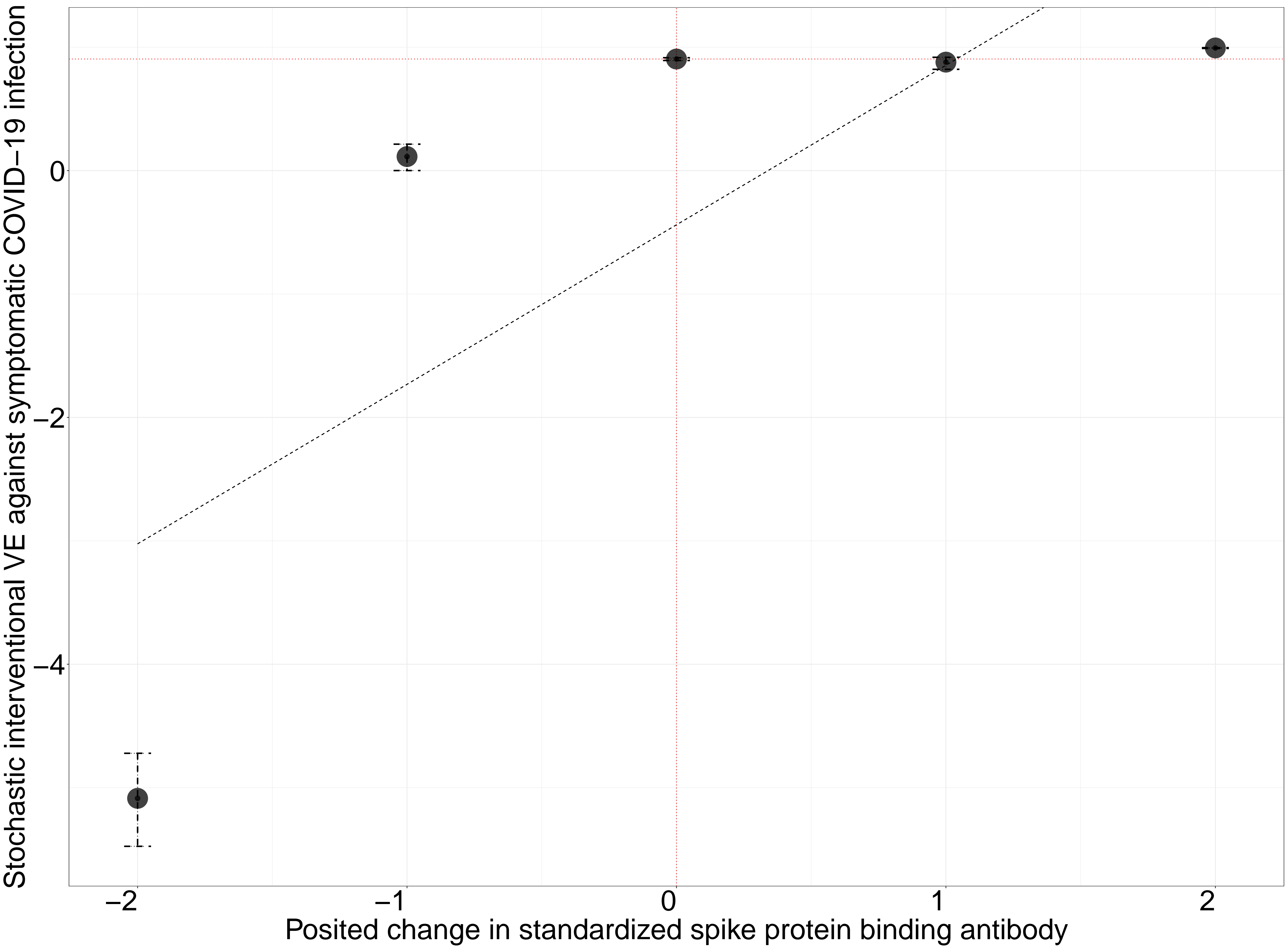
working MSM summary: ($\hat{\beta}_{TMLE}$ = 1. 2927, p−value = 0)

Stochastic interventional VE against symptomatic COVID−19 infection

Posited change in standardized spike protein binding antibody

Stochastic interventional vaccine efficacy v. COVID−19 infection across
standardized shifts in spike protein binding antibody levels, summarized by
projection of causal dose−response curve on a linear working model.