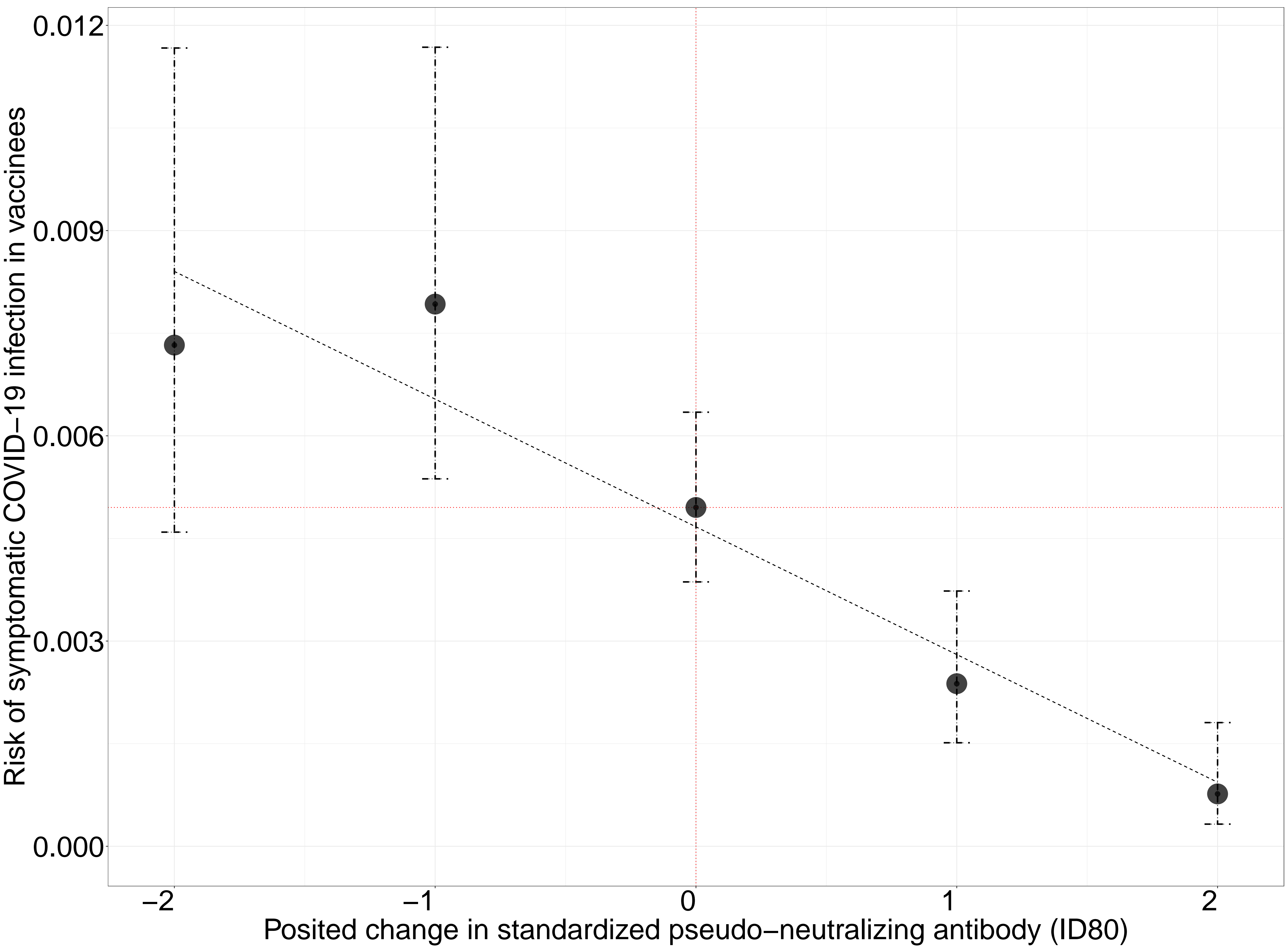


Estimated counterfactual risk of symptomatic COVID–19 infection at Day 57

working MSM summary: ($\hat{\beta}_{\text{TMLE}} = -0.0019$, p-value = $1\text{e-}04$)



Mean counterfactual COVID–19 infection risk across standardized shifts in pseudo-neutralizing antibody (ID80) levels, summarized by projection of causal dose–response curve onto a linear working model.