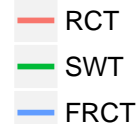


power by expected % of district-level cases in trial population

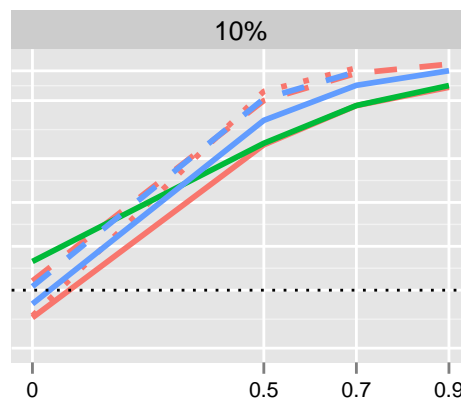
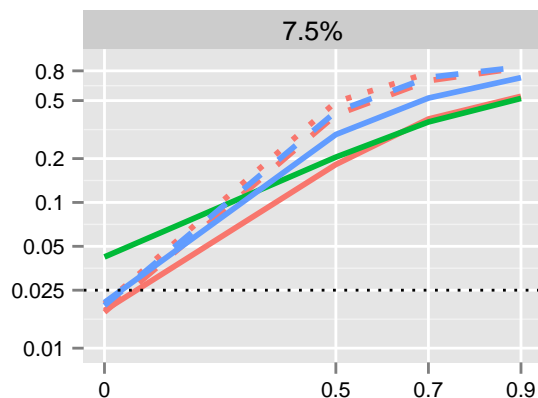
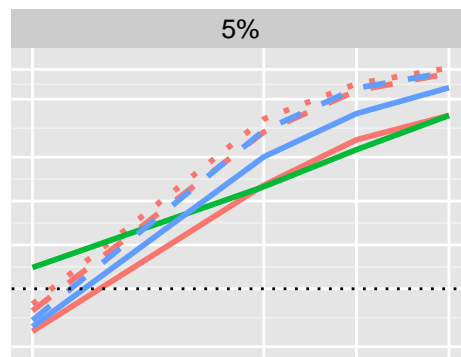
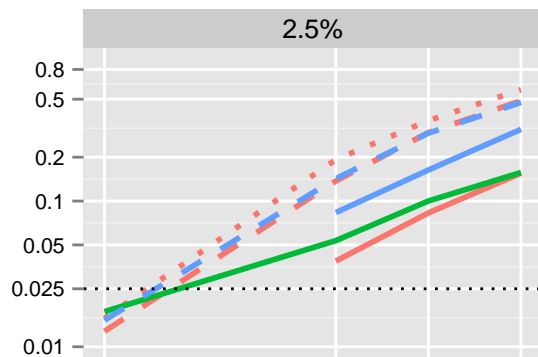
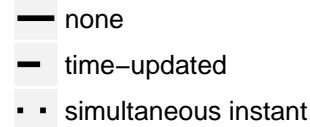
probability of rejecting null

Cox PH Frailty

design



order

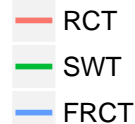


vaccine efficacy

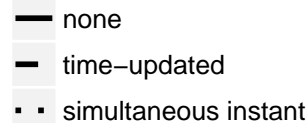
power by expected % of district-level cases in trial population

Poisson GLM
no cluster effects

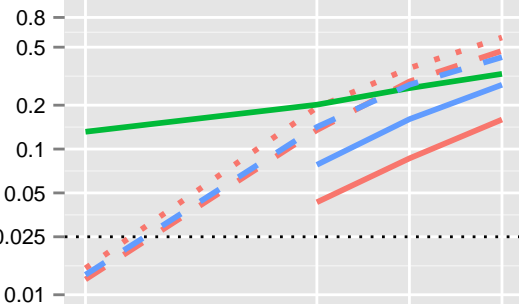
design



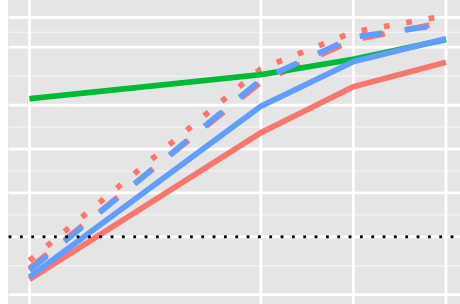
order



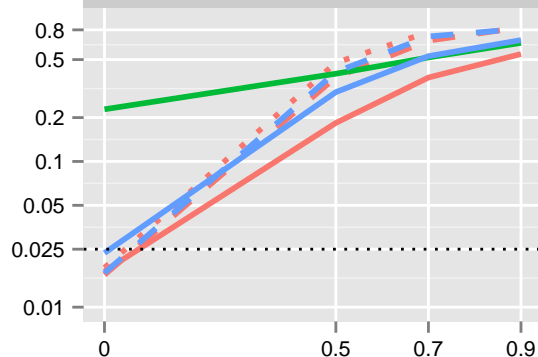
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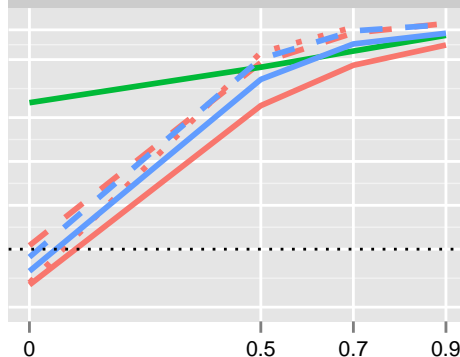
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7.5%



10%

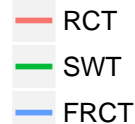


vaccine efficacy

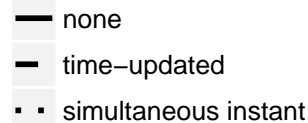
power by expected % of district-level cases in trial population

Poisson GLM
with fixed effects by cluster

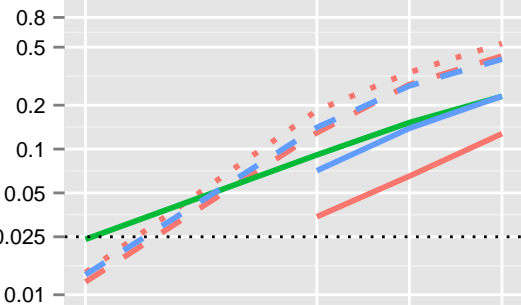
design



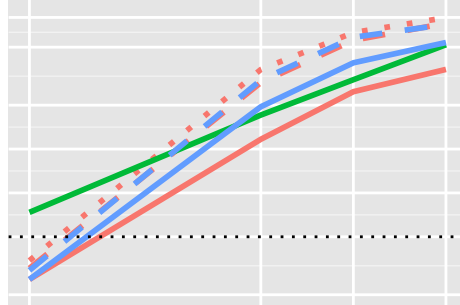
order



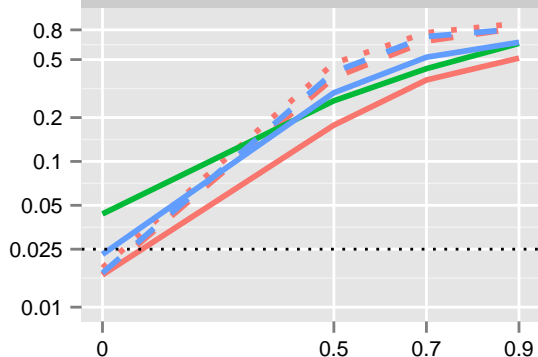
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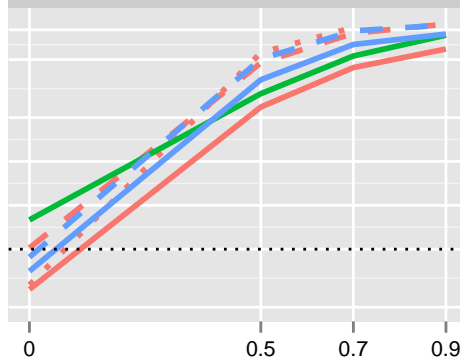
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7.5%



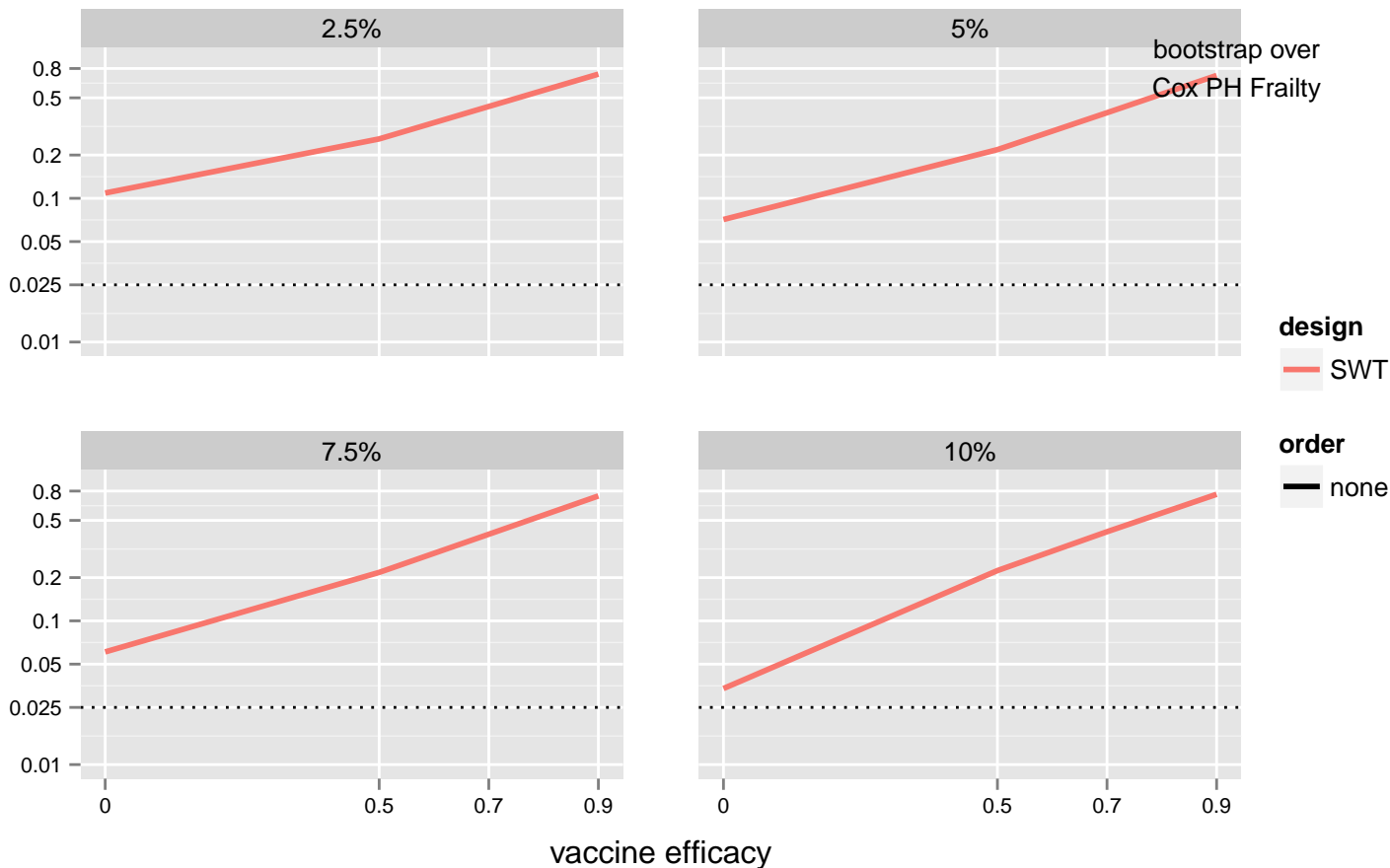
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vaccine efficacy

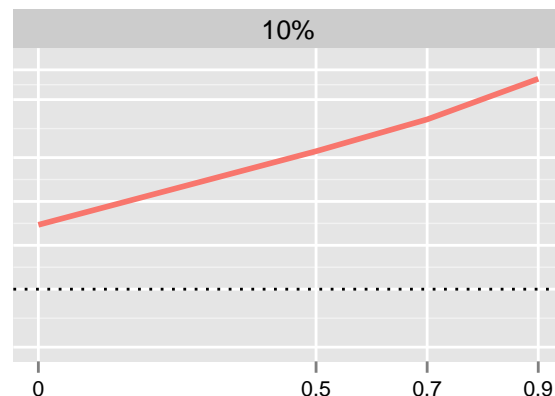
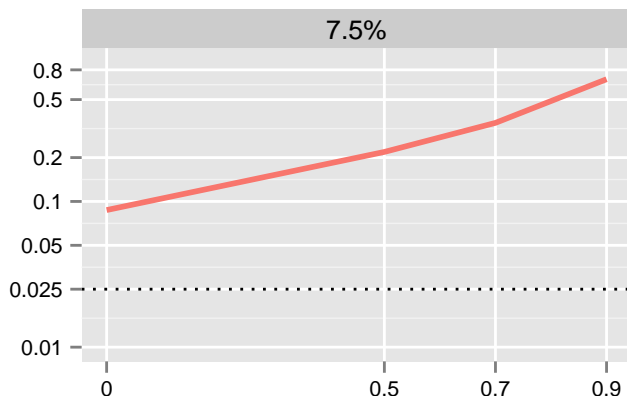
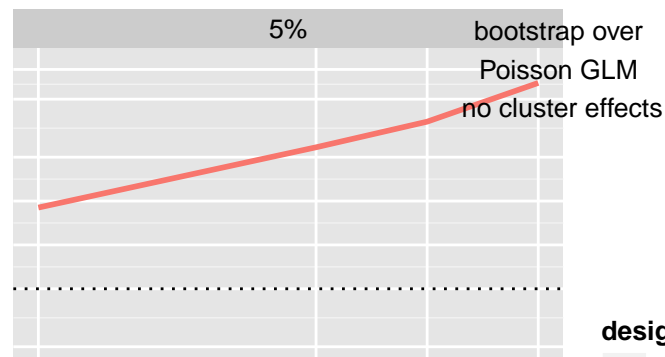
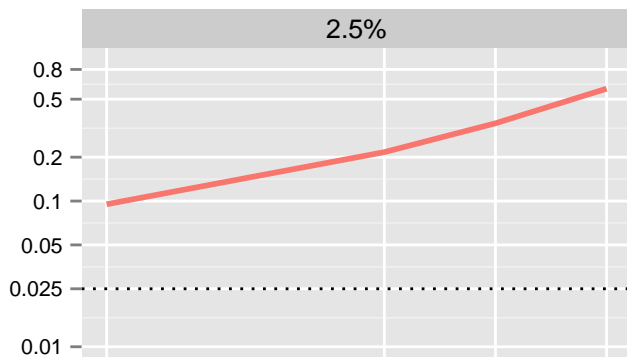
power by expected % of district-level cases in trial population

probability of rejecting null



power by expected % of district-level cases in trial population

probability of rejecting null



design

— SWT

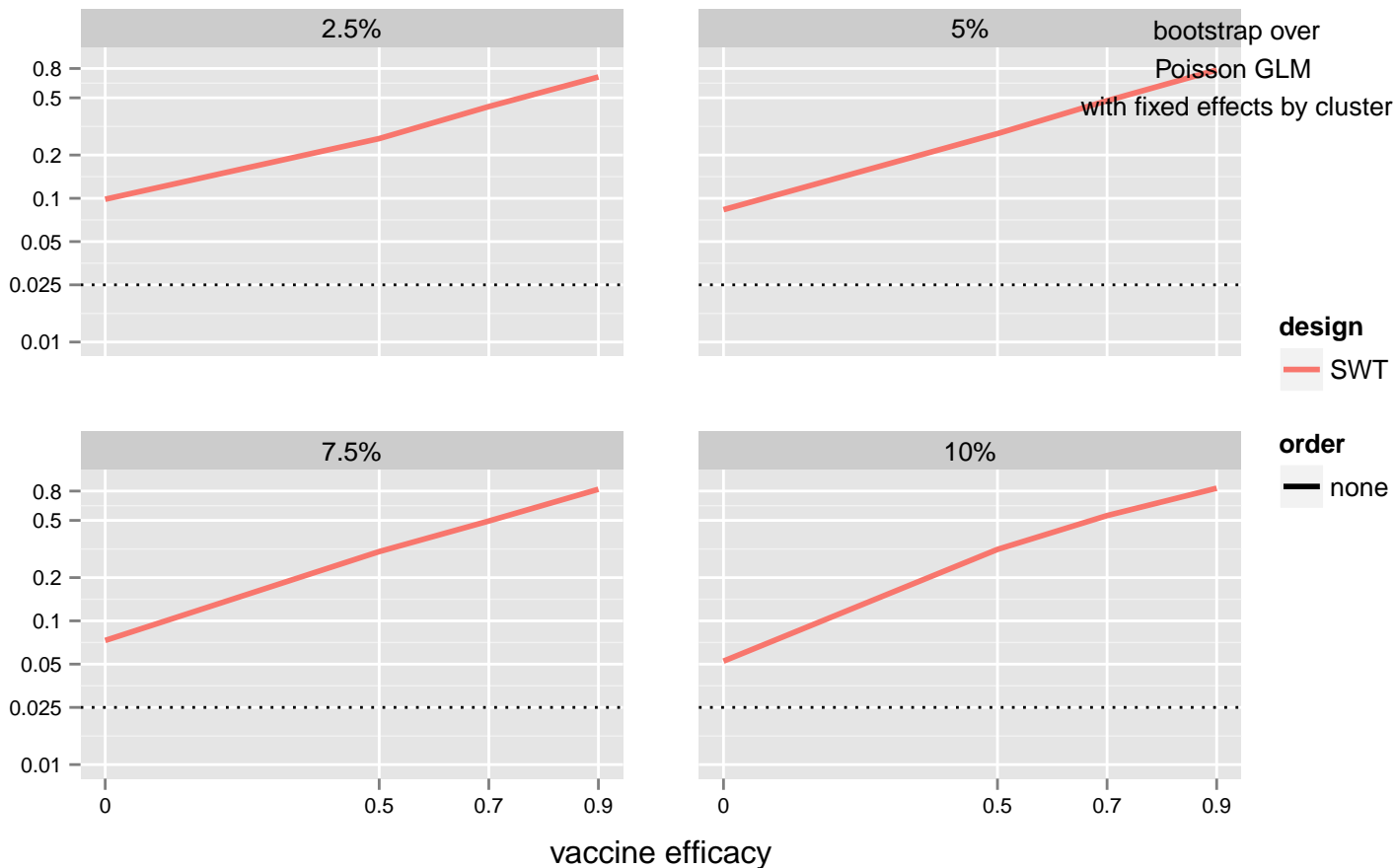
order

— none

vaccine efficacy

power by expected % of district-level cases in trial population

probability of rejecting null

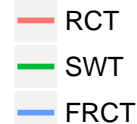


power by expected % of district-level cases in trial population

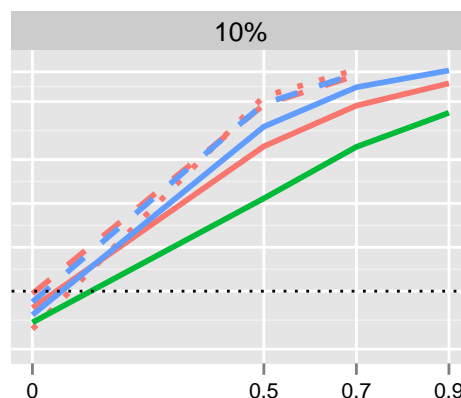
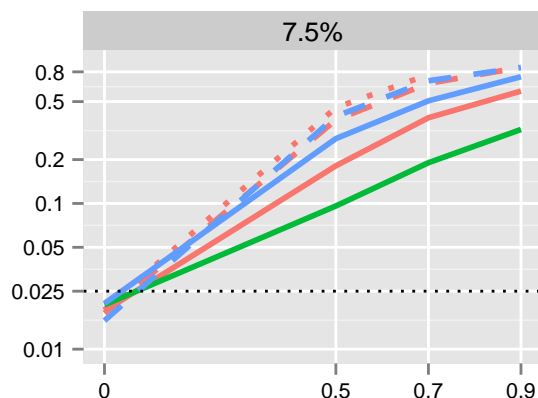
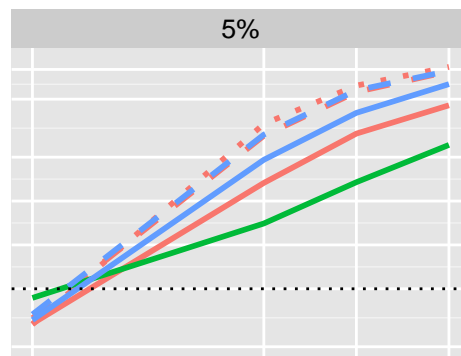
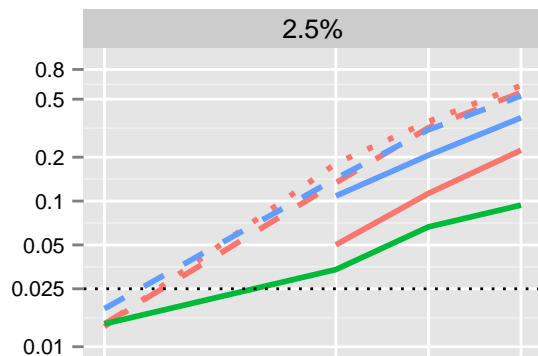
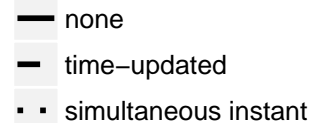
probability of rejecting null

permutation test over
Cox PH Frailty

design



order



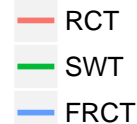
vaccine efficacy

power by expected % of district-level cases in trial population

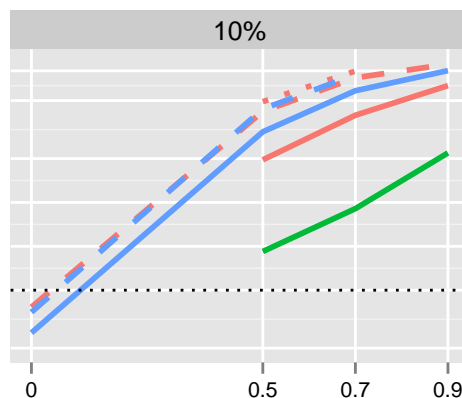
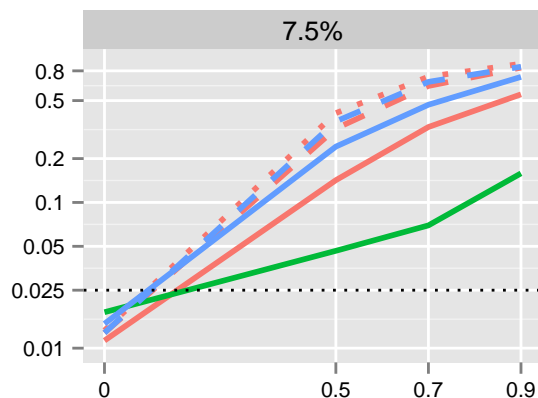
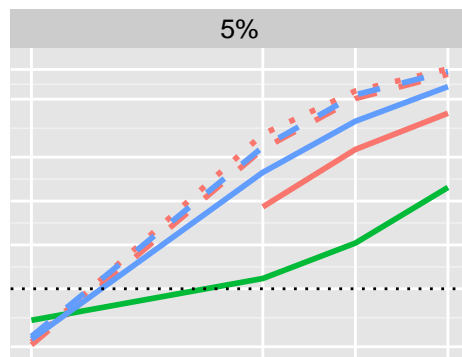
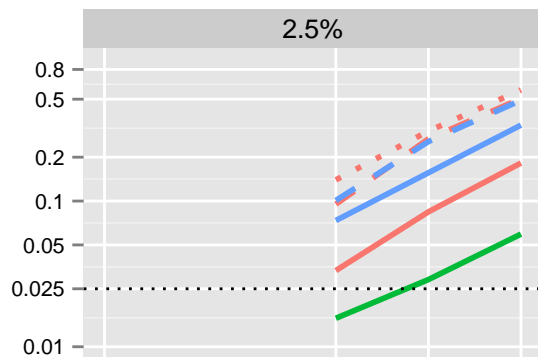
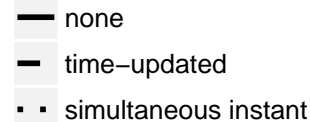
probability of rejecting null

permutation test over
Poisson GLM
no cluster effects

design



order

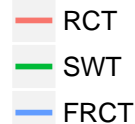


vaccine efficacy

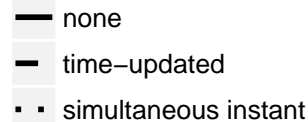
power by expected % of district-level cases in trial population

permutation test over
Poisson GLM
with fixed effects by cluster

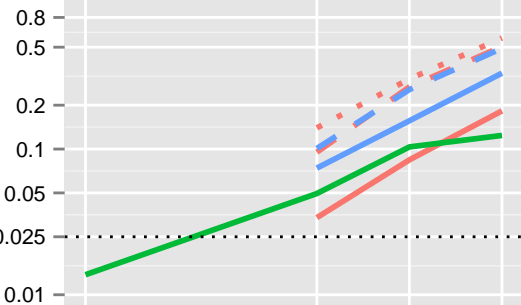
design



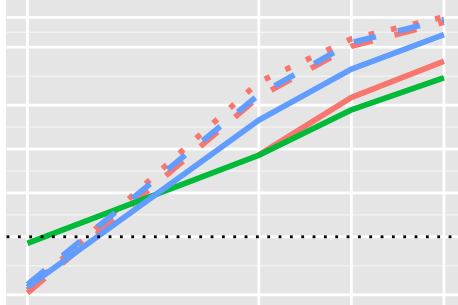
order



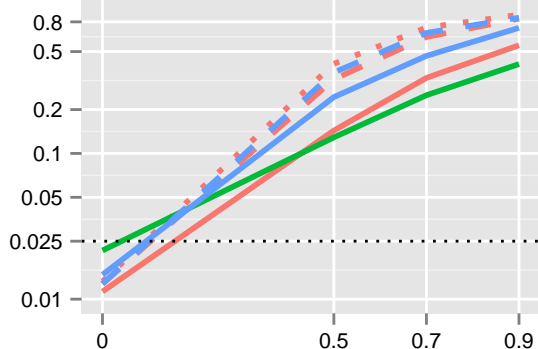
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10%

