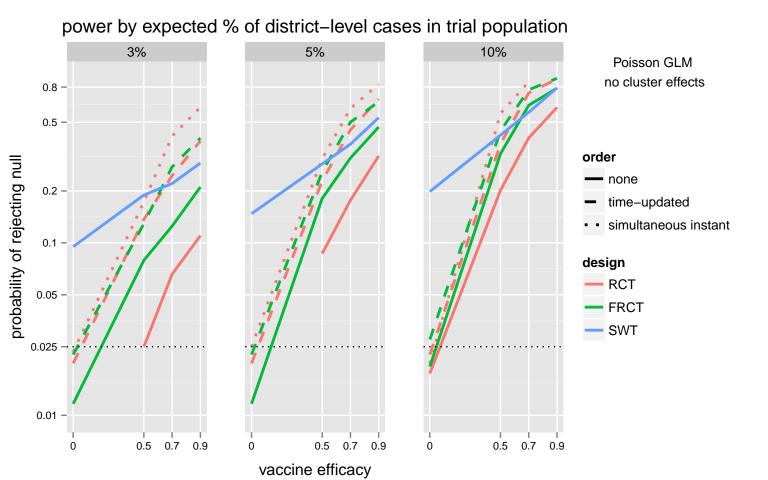
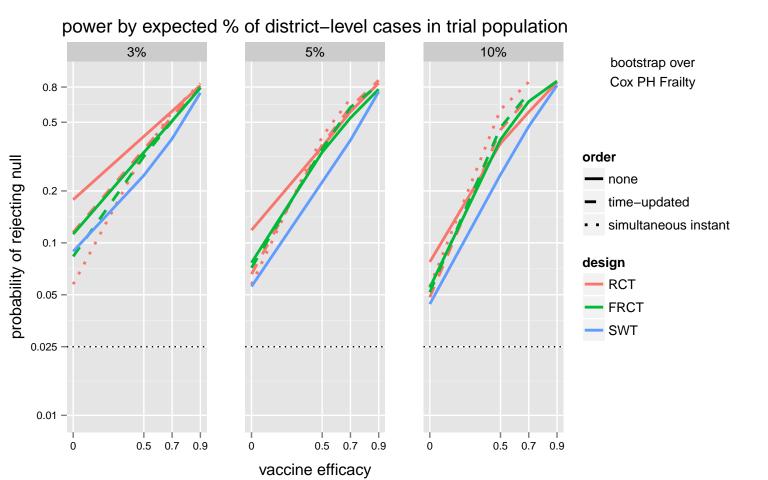
power by expected % of district-level cases in trial population 3% 5% 10% Cox PH Frailty 0.8 -0.5 order probability of rejecting null none 0.2 time-updated simultaneous instant 0.1 design RCT 0.05 -FRCT SWT 0.025 0.01 -0.5 0.7 0.9 0.5 0.7 0.9 0.5 0.7 0.9 vaccine efficacy

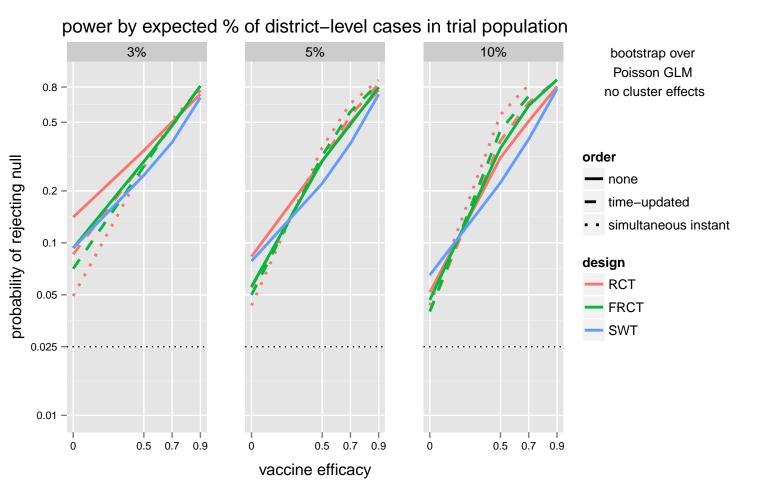


power by expected % of district-level cases in trial population 3% 5% 10% Poisson GLM with fixed effects by cluster 0.8 -0.5 order none 0.2 time-updated simultaneous instant 0.1 design RCT 0.05 -**FRCT** SWT 0.025 0.01 -0.5 0.7 0.9 0.5 0.7 0.9 0.5 0.7 0.9

vaccine efficacy

probability of rejecting null





power by expected % of district-level cases in trial population 3% 5% 10% bootstrap over Poisson GLM 0.8 with fixed effects by cluster 0.5 order none 0.2 time-updated simultaneous instant 0.1 design RCT 0.05 -**FRCT** SWT 0.01 -

0.5

vaccine efficacy

0.7

0.9

0.5

0.7

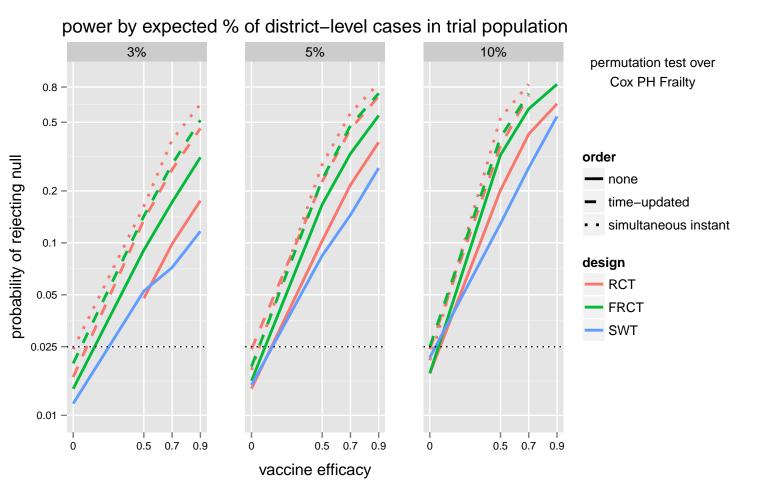
0.9

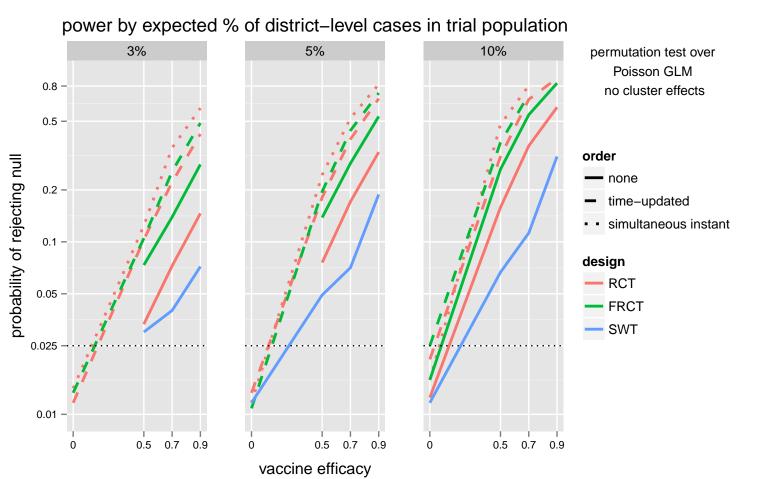
probability of rejecting null

0.5

0.7

0.9





power by expected % of district-level cases in trial population 3% 5% 10% permutation test over Poisson GLM 0.8 with fixed effects by cluster 0.5 order none 0.2 time-updated simultaneous instant 0.1 design RCT 0.05 -**FRCT** SWT 0.025 0.01 -

0.5

vaccine efficacy

0.7

0.9

0.5

0.7

0.9

probability of rejecting null

0.5

0.7

0.9