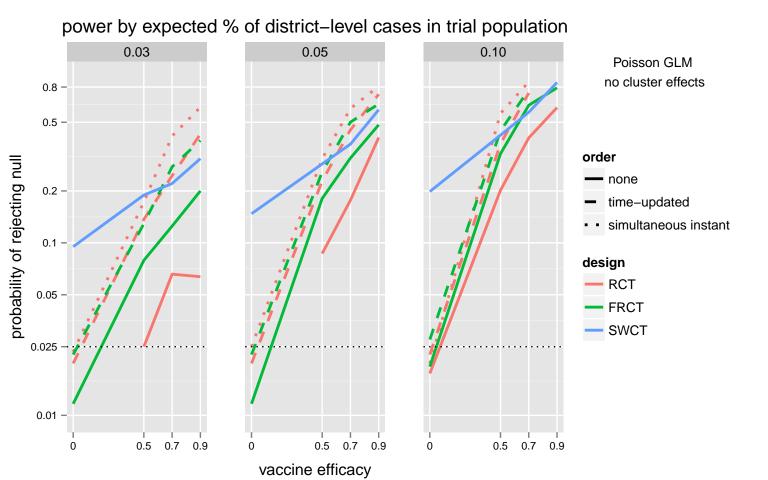
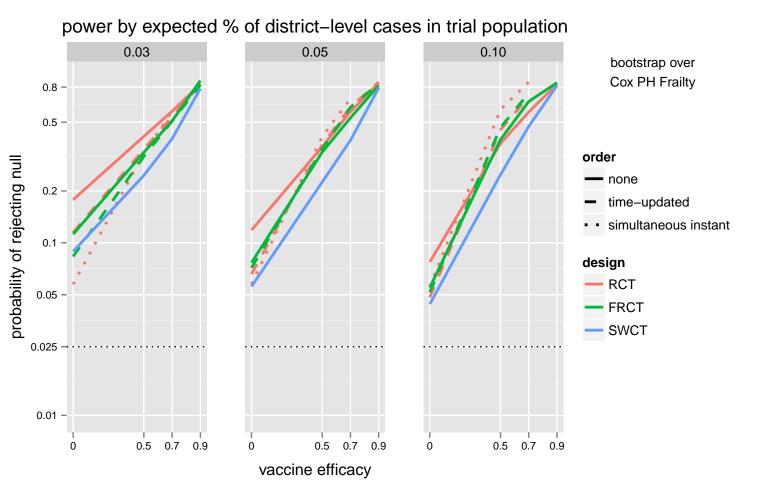
power by expected % of district-level cases in trial population 0.03 0.05 0.10 Cox PH Frailty 0.8 -0.5 order probability of rejecting null none 0.2 time-updated simultaneous instant 0.1 design RCT 0.05 -**FRCT SWCT** 0.025 0.01 -0.5 0.7 0.9 0.5 0.7 0.9 0.5 0.7 0.9 vaccine efficacy

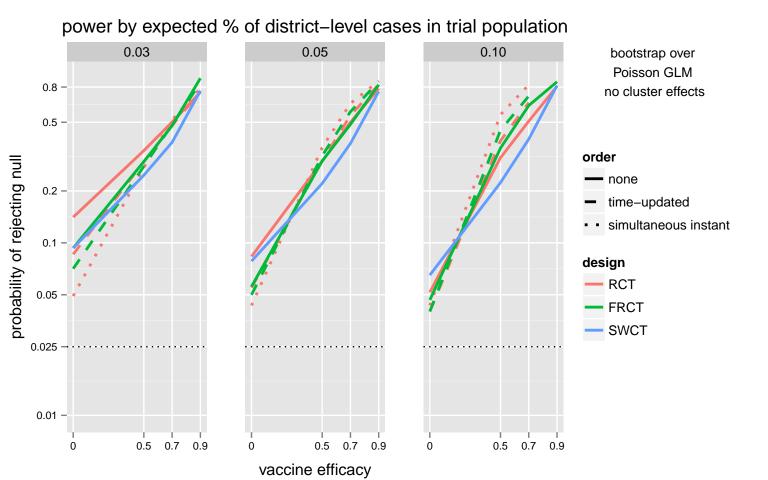


power by expected % of district-level cases in trial population 0.03 0.05 0.10 Poisson GLM with fixed effects by cluster 0.8 -0.5 order none 0.2 time-updated simultaneous instant 0.1 design RCT 0.05 -**FRCT SWCT** 0.025 0.01 -0.5 0.7 0.9 0.5 0.7 0.9 0.5 0.7 0.9

vaccine efficacy

probability of rejecting null

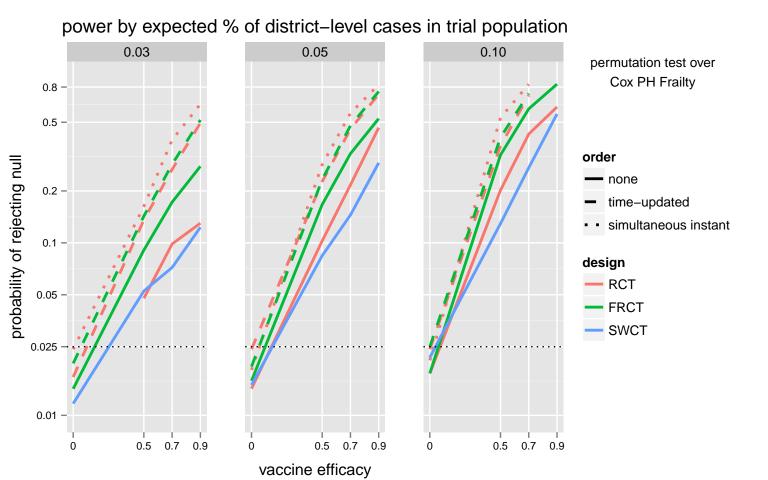


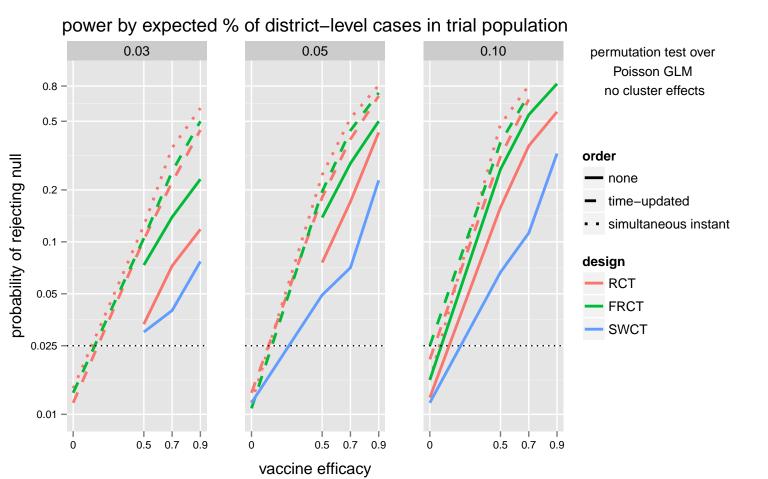


power by expected % of district-level cases in trial population 0.03 0.05 0.10 bootstrap over Poisson GLM 0.8 with fixed effects by cluster 0.5 order none 0.2 time-updated simultaneous instant 0.1 design RCT 0.05 -FRCT **SWCT** 0.01 -0.5 0.7 0.9 0.5 0.7 0.9 0.5 0.7 0.9

vaccine efficacy

probability of rejecting null





power by expected % of district-level cases in trial population 0.03 0.05 0.10 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** SWCT 0.025 0.01 -0.5 0.9 0.5 0.7 0.9 0.5 0.7 0.7 0.9

vaccine efficacy

probability of rejecting null