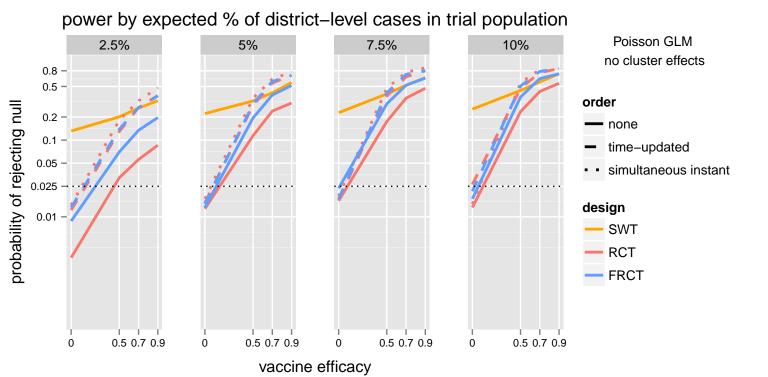
power by expected % of district-level cases in trial population 2.5% 7.5% 5% 10% Cox PH Frailty 0.8 -0.5 order probability of rejecting null 0.2 none 0.1 time-updated 0.05 - simultaneous instant 0.025 design 0.01 -SWT **RCT FRCT** 0.5 0.7 0.9 0.5 0.7 0.9 0.5 0.7 0.9 0.5 0.7 0.9 vaccine efficacy



power by expected % of district-level cases in trial population Poisson GLM 2.5% 5% 7.5% 10% with fixed effects by cluster 0.8 -0.5 order probability of rejecting null 0.2 none 0.1 time-updated 0.05 simultaneous instant 0.025 design 0.01 -SWT **RCT** FRCT 0.5 0.7 0.9 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

