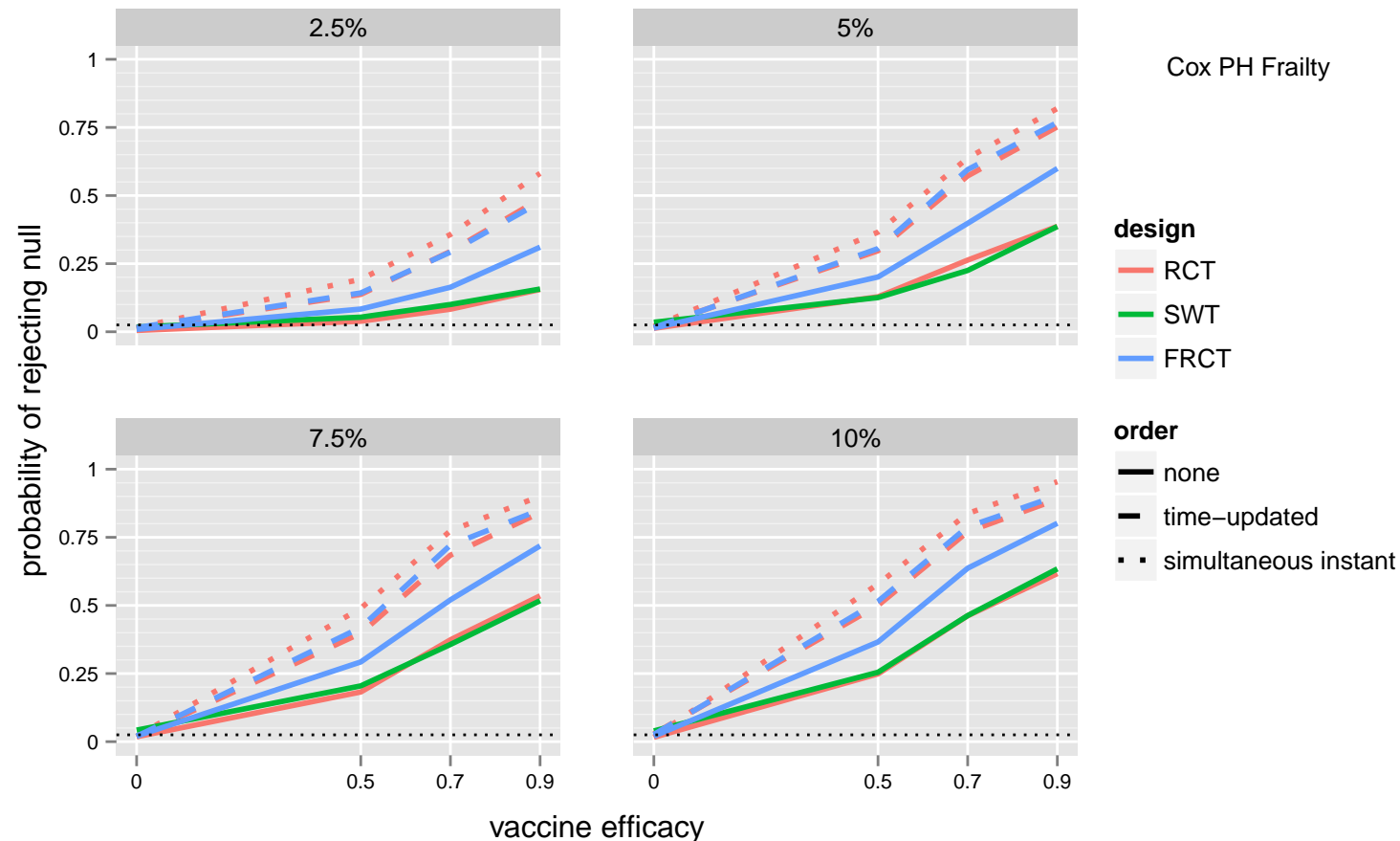


power by expected % of district-level cases in trial population



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

probability of rejecting null

vaccine efficacy

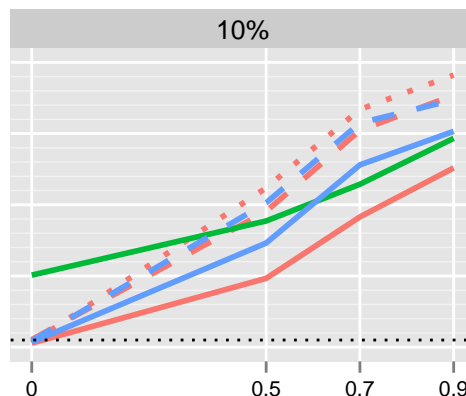
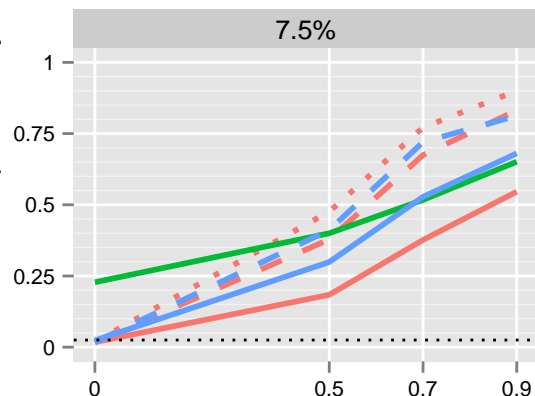
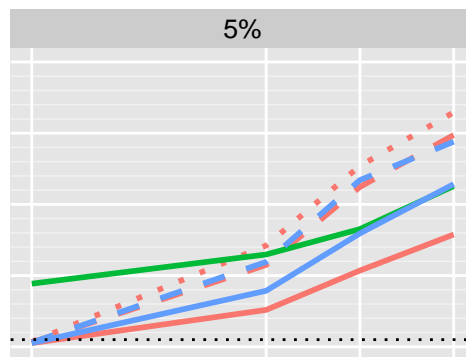
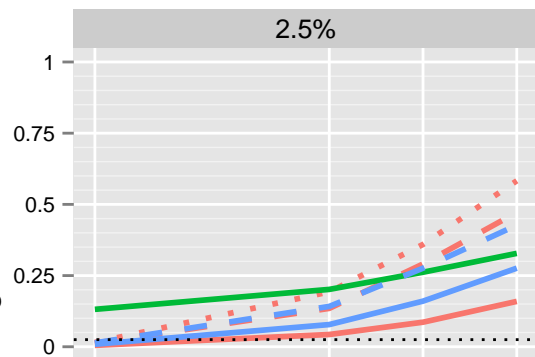
Poisson GLM
no cluster effects

design

RCT
SWT
FRCT

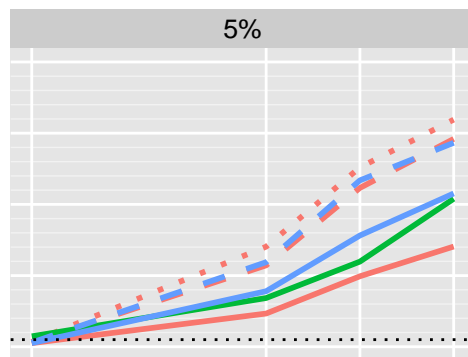
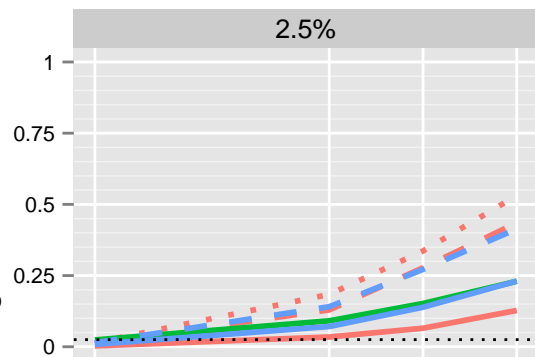
order

none
time-updated
simultaneous instant



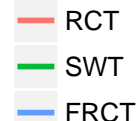
power by expected % of district-level cases in trial population

probability of rejecting null

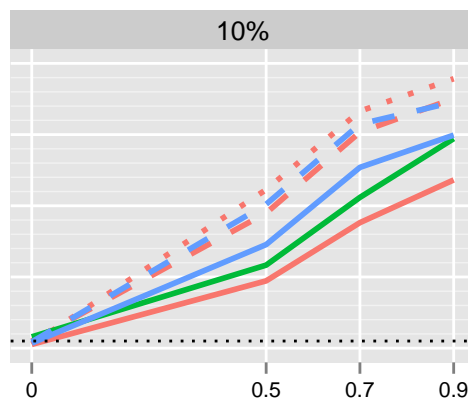
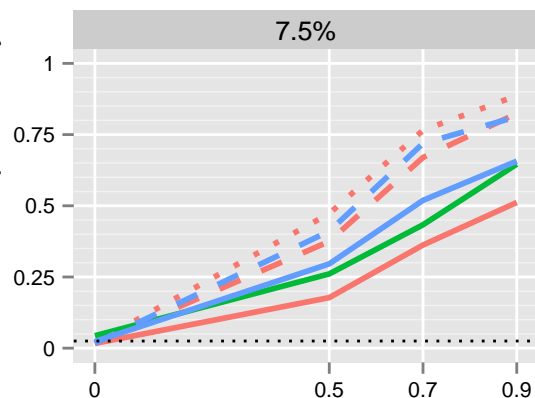
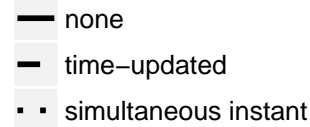


Poisson GLM
with fixed effects by cluster

design

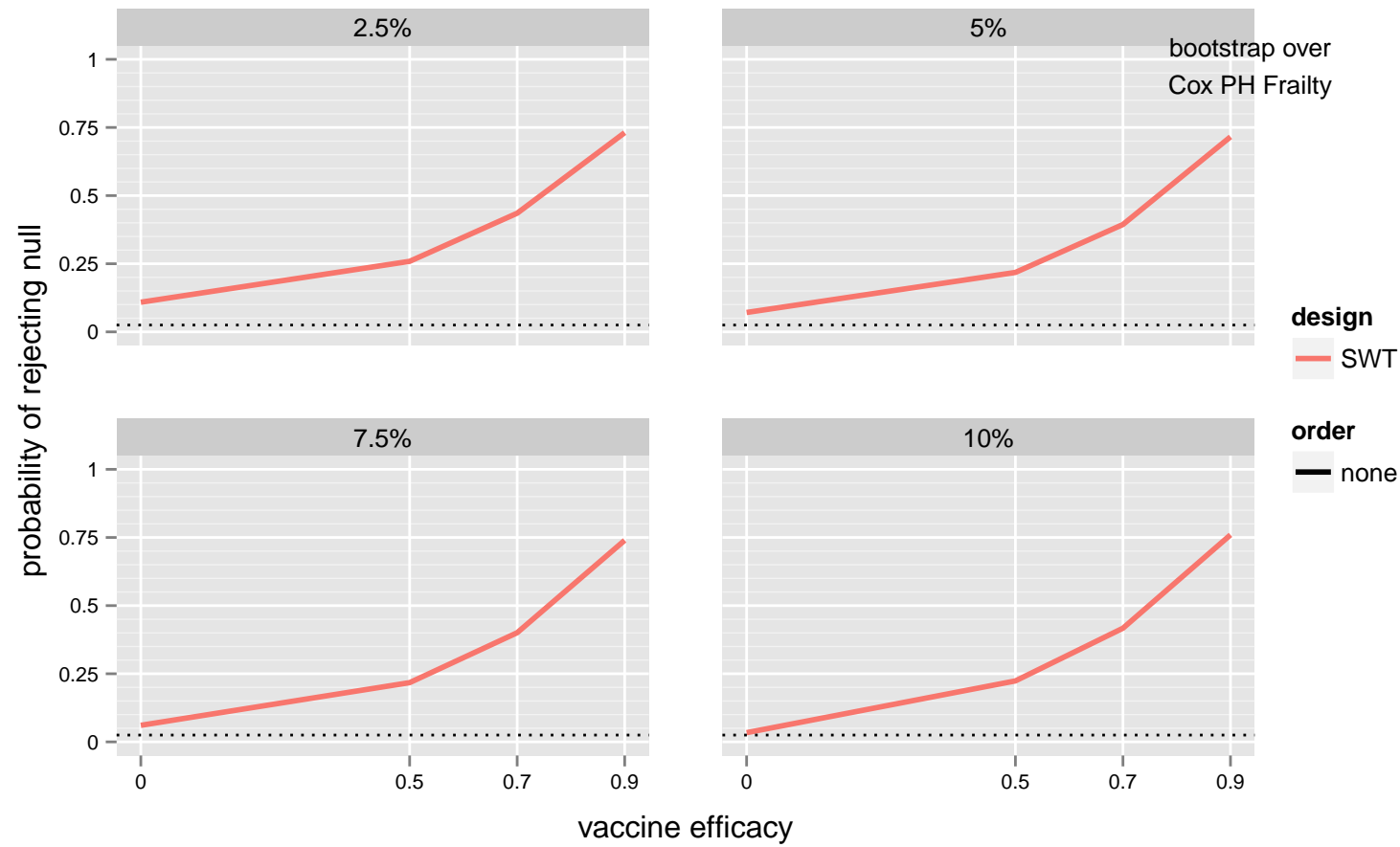


order

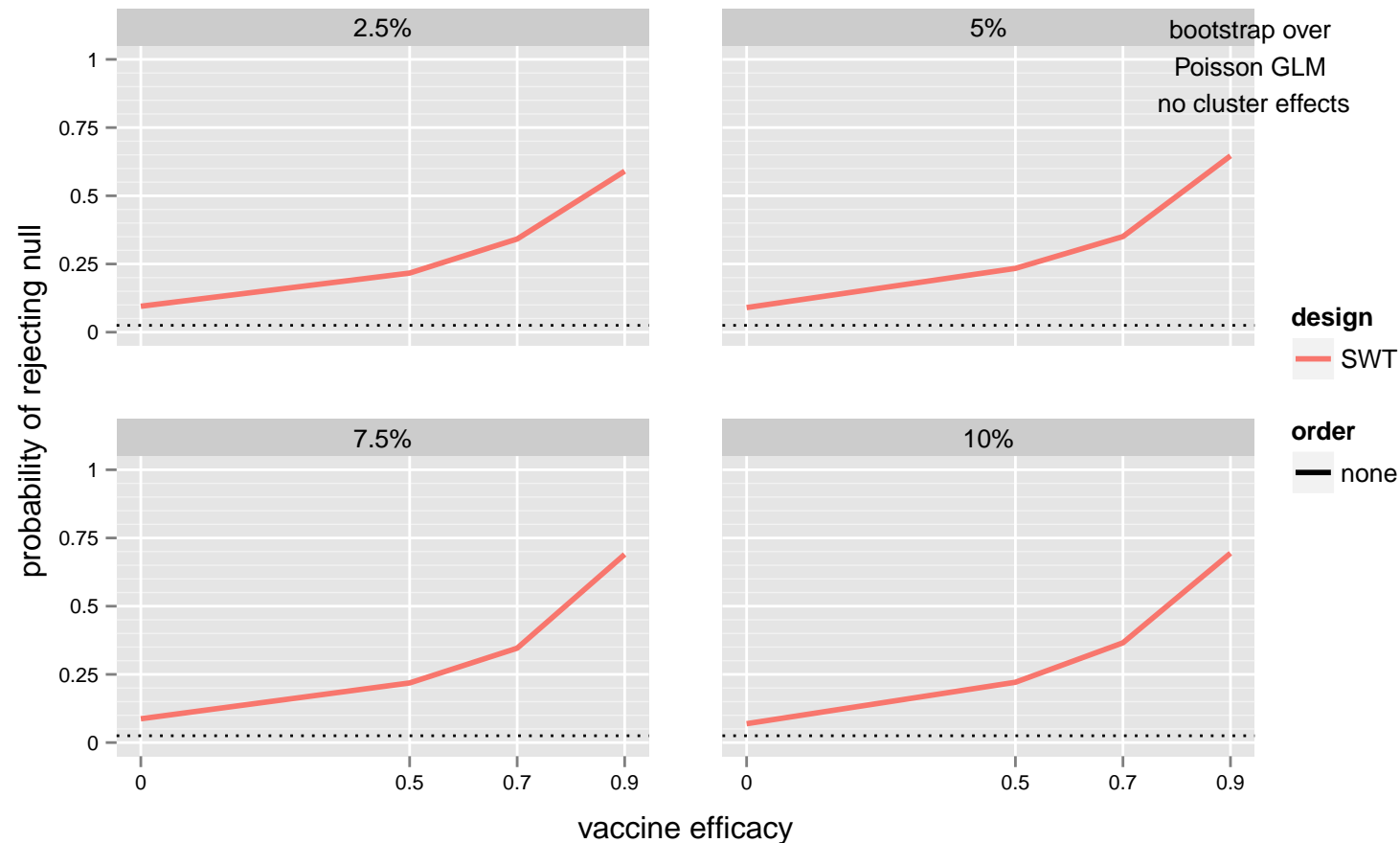


vaccine efficacy

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

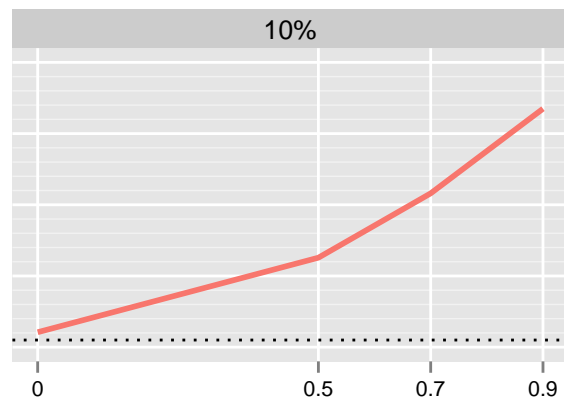
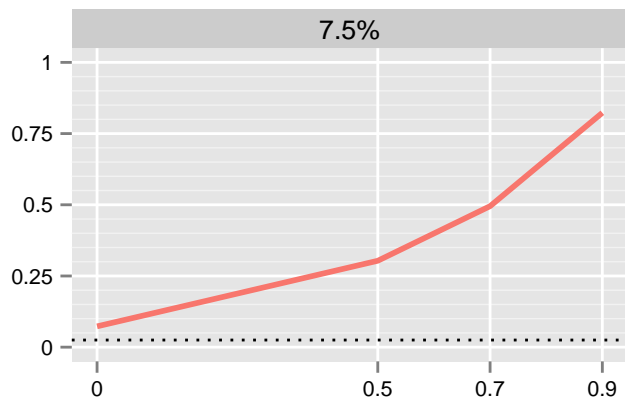
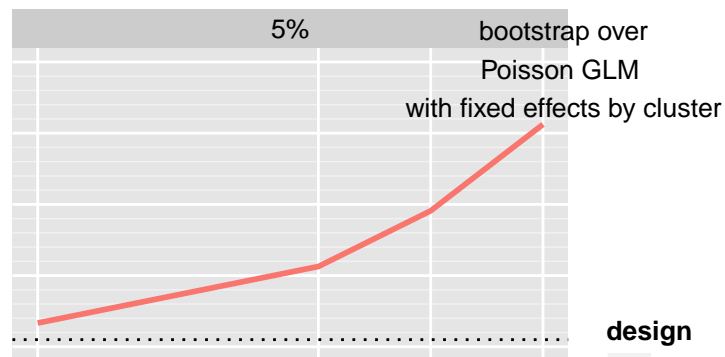
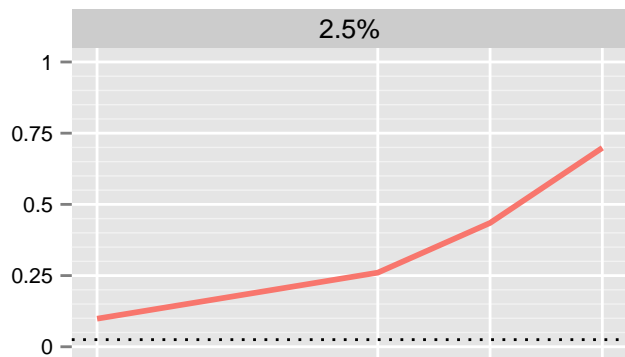


power by expected % of district-level cases in trial population



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

probability of rejecting null



design

— SWT

order

— none

vaccine efficacy

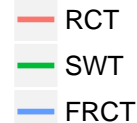
power by expected % of district-level cases in trial population

probability of rejecting null

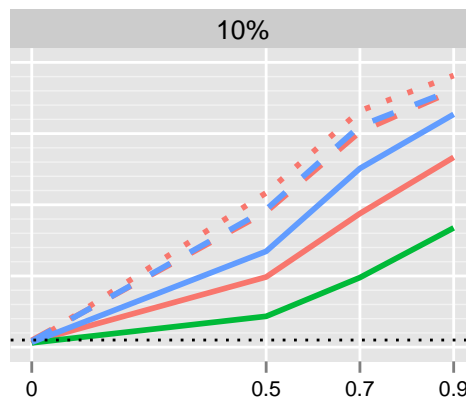
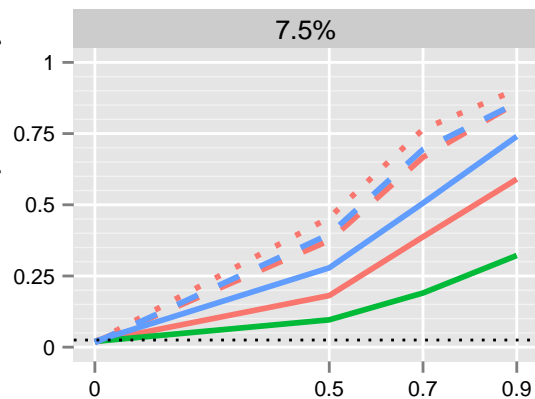
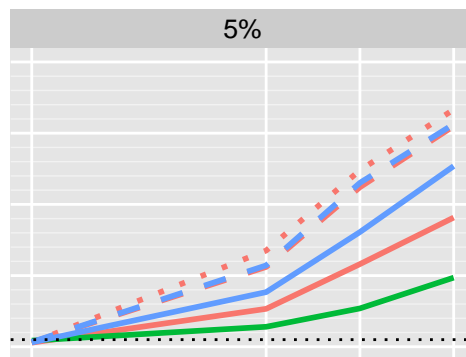
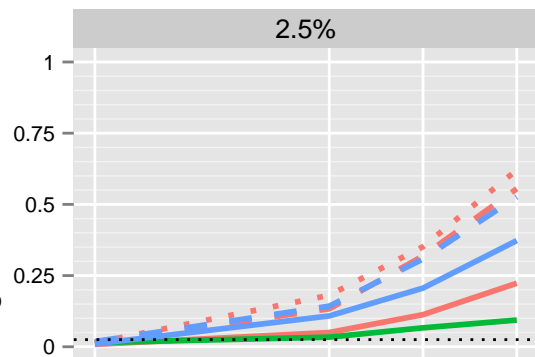
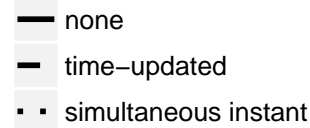
vaccine efficacy

permutation test over
Cox PH Frailty

design



order



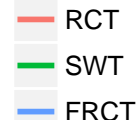
power by expected % of district-level cases in trial population

probability of rejecting null

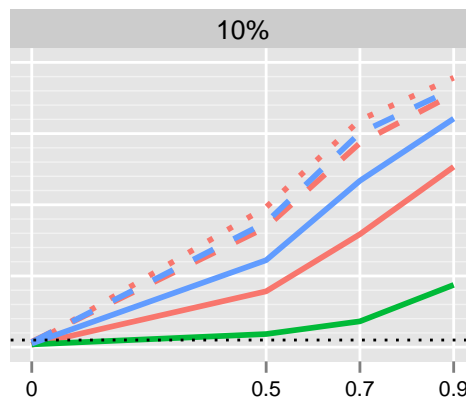
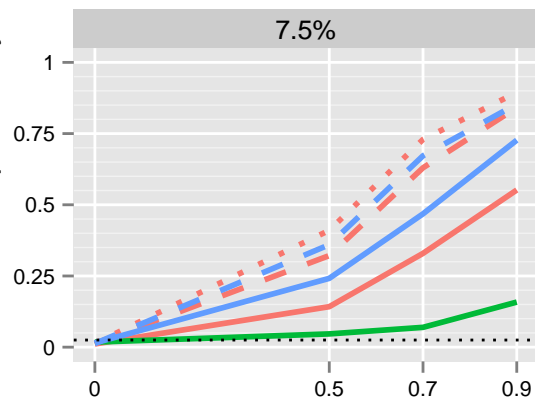
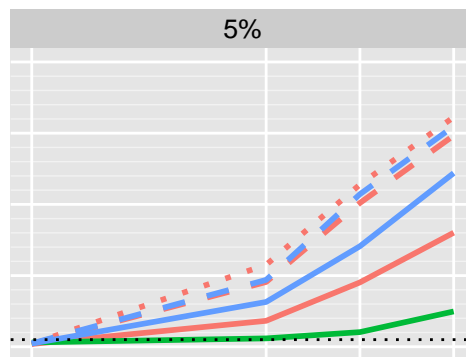
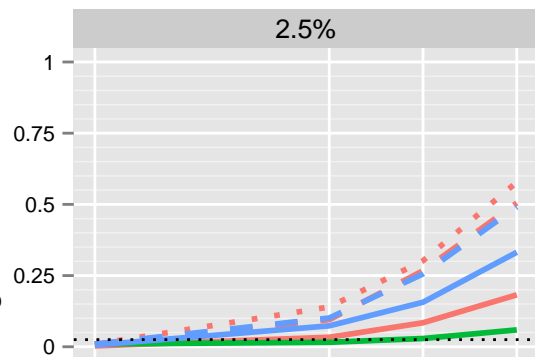
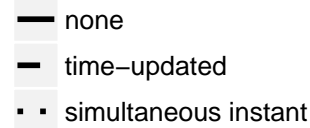
vaccine efficacy

permutation test over
Poisson GLM
no cluster effects

design



order



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

permutation test over
Poisson GLM
with fixed effects by cluster

design

- RCT
- SWT
- FRCT

order

- none
- time-updated
- simultaneous instant

probability of rejecting null

vaccine efficacy

