page 1 of 3 Inf: R0_vax=0; vax_treat=0.5; Power=0.99; Clus=2 Inf: R0_vax=0; vax_treat=0.5; Power=1; Clus=4 Inf: R0_vax=0; vax_treat=0.5; Power=1; Clus=10 Inf: R0_vax=0; vax_treat=0.5; Power=1; Clus=20 200 -200 -300 -150 -200 -150 contro 100 count 100 count 100 -100 -50 -50 -0 -0.50 0.55 0.50 0.55 0.60 0.45 0.50 0.55 0.60 0.45 0.50 0.55 0.60 0.40 effect_estimate effect_estimate effect_estimate effect_estimate

page 2 of 3 Inf: R0_vax=1.1; vax_treat=0.5; Power=0.99; Clus=20 Inf: R0_vax=1.1; vax_treat=0.5; Power=0.34; Clus=2 Inf: R0_vax=1.1; vax_treat=0.5; Power=0.56; Clus=4 Inf: R0_vax=1.1; vax_treat=0.5; Power=0.89; Clus=10 500 -300 -75 -150 -400 -200 -50 -100 -300 -200 -100 -25 -50 -100 -0 -0.5 0.5 0.5 0.2 0.5 0.6 0.4 0.6 0.3 0.4 0.6 effect_estimate effect_estimate effect_estimate effect_estimate

page 3 of 3 Inf: R0_vax=1.1; vax_treat=0.1; Power=0.41; Clus=2 Inf: R0_vax=1.1; vax_treat=0.1; Power=0.68; Clus=4 Inf: R0_vax=1.1; vax_treat=0.1; Power=0.96; Clus=10 Inf: R0_vax=1.1; vax_treat=0.1; Power=1; Clus=20 300 -200 -60 -100 -200 -150 tun 40 conut 50 -100 -20 -50 -0 -0.6 0.5 0.5 0.6 0.6 0.2 0.6 effect_estimate effect_estimate effect_estimate effect_estimate