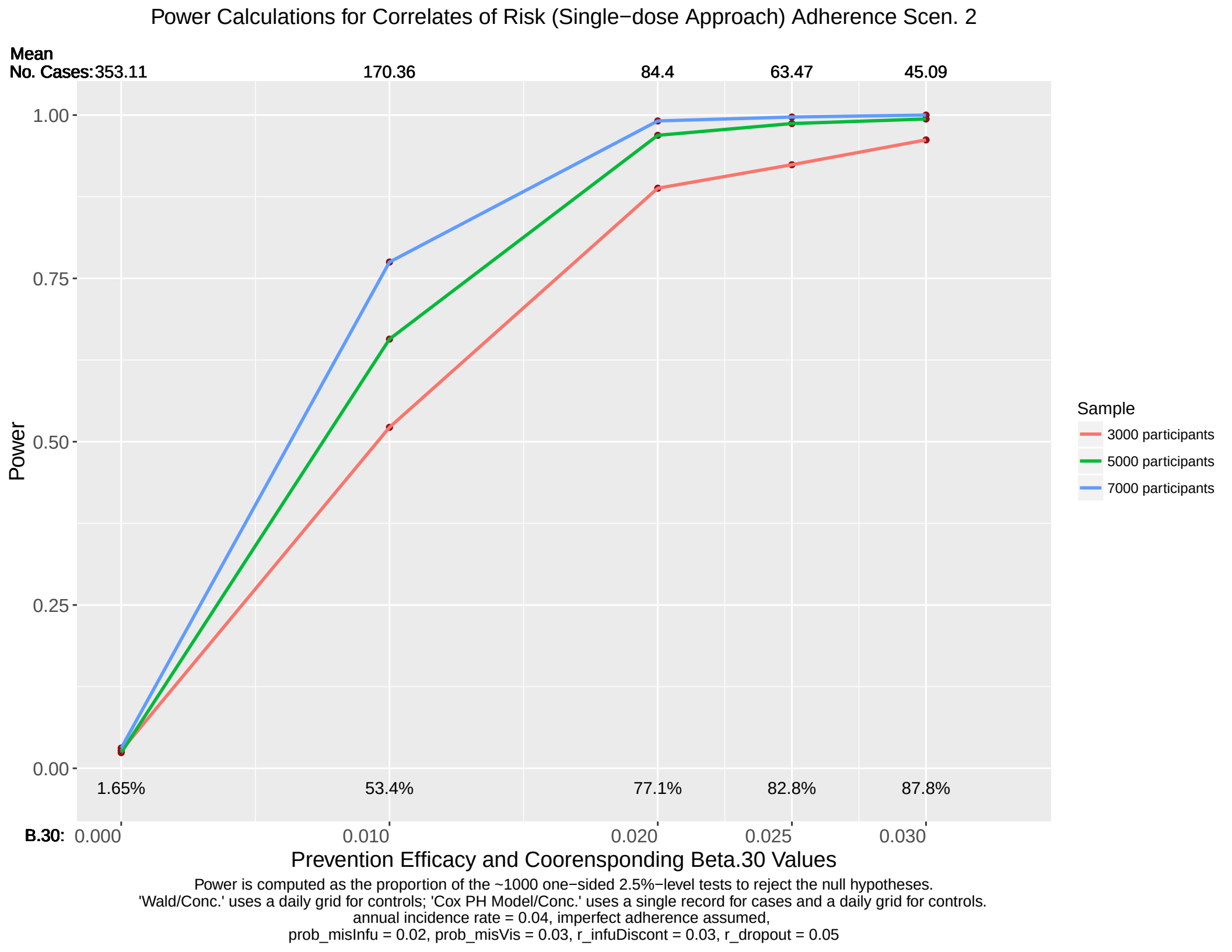
Power Calculations for Correlates of Risk (Single−dose Approach) Adherence Scen. 2
Mean
No. Cases: 353.11
170.36
84.4
63.47
45.09
1.00
0.75
0.50
0.25
0.00
Power
1.65%
53.4%
77.1%
82.8%
87.8%
B.30:
0.000
0.010
0.020
0.025
0.030
Prevention Efficacy and Coorensponding Beta.30 Values
Sample
3000 participants
5000 participants
7000 participants
Power is computed as the proportion of the ~1000 one−sided 2.5%−level tests to reject the null hypotheses.
'Wald/Conc.' uses a daily grid for controls; 'Cox PH Model/Conc.' uses a single record for cases and a daily grid for controls.
annual incidence rate = 0.04, imperfect adherence assumed,
prob_misInfu = 0.02, prob_misVis = 0.03, r_infuDiscont = 0.03, r_dropout = 0.05