

Number of Relatedness	Prevalence <sub>naive</sub>	Prevalence <sub>aware</sub>
100	0.200 ± 0.017	0.333 ± 0.023
500	0.206 ± 0.011	0.355 ± 0.025
1000	0.211 ± 0.003	0.361 ± 0.014
5000	0.200 ± 0.002	0.348 ± 0.003
10000	0.201 ± 0.005	0.344 ± 0.005
50000	0.199 ± 0.001	0.318 ± 0.002
100000	0.201 ± 0.001	0.330 ± 0.001

Simulated prevalence of the phenotype of interest:

0.2