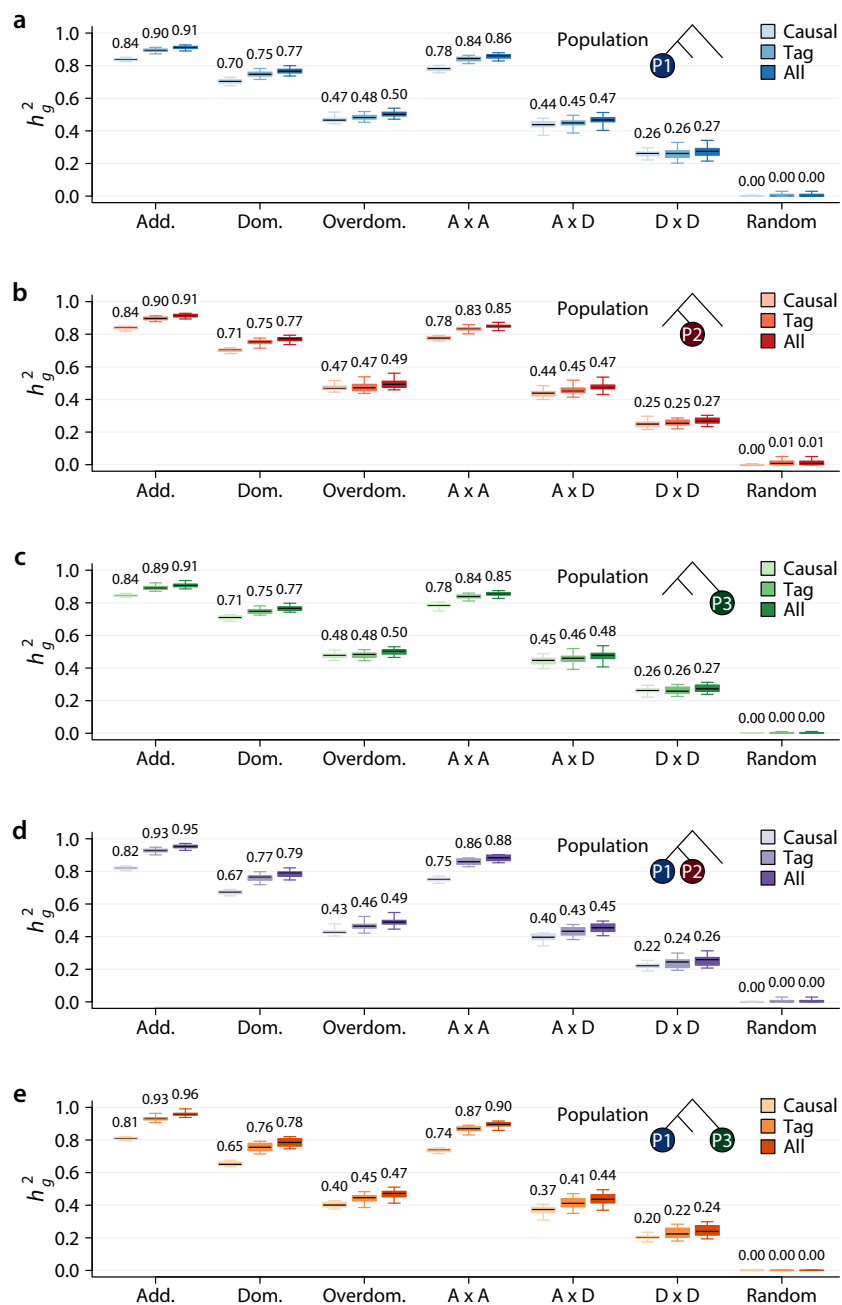# Supplemental Figures

Figure S1. Genomic heritability in different simulated populations. Genomic heritability was plotted for different population samples. (a) population P1; (b) population P2; (c) population P3; (d) population P1 + P2; and (e) population P1 + P3.
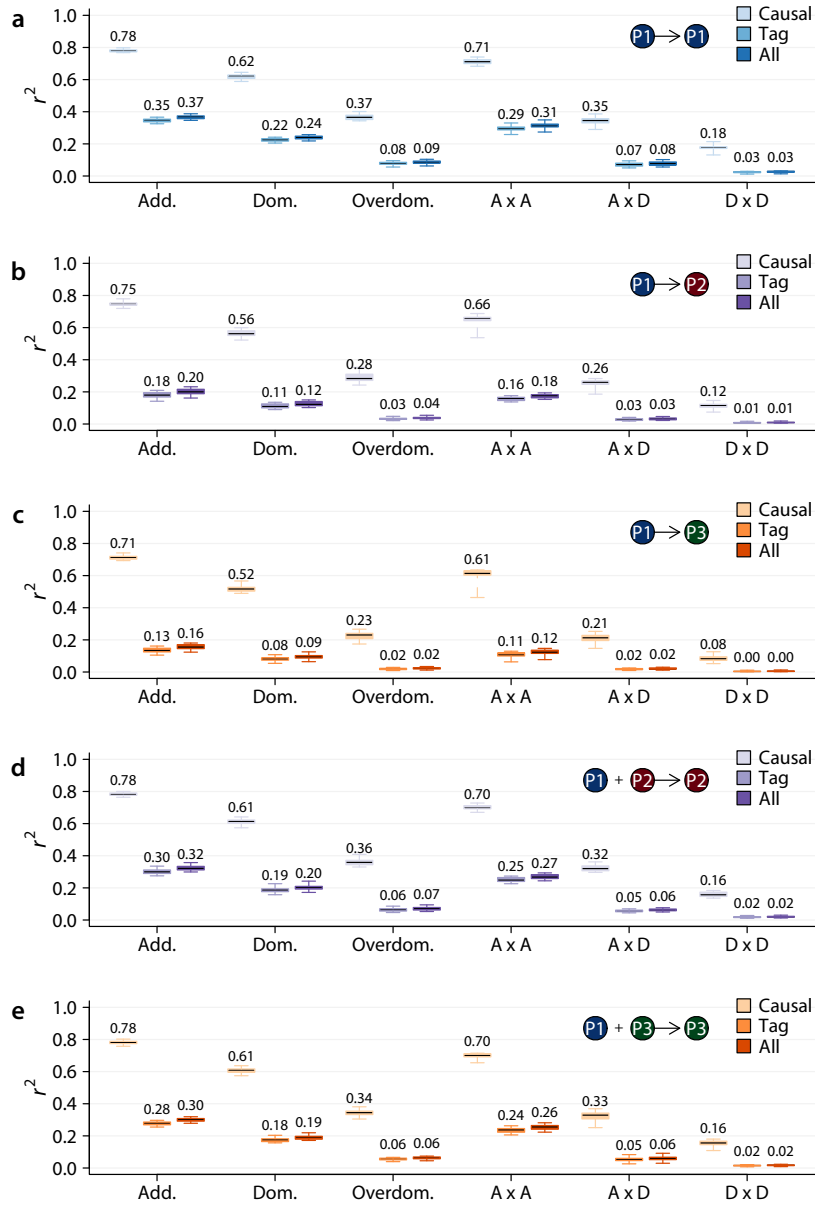
Figure S2. Polygenic prediction under different genetic architecture in different populations. Accuracies of polygenic prediction under different genetic architecture in (**a**) fit model in P1, predict in A; (**b**) fit in P1, predict in P2; (**c**) fit in P1, predict in P3; (**d**) fit in P1 + P2, predict in P2; (**e**) fit in P1 + P3, predict in P3.