

PhiMr Filter Effect on Signal Density

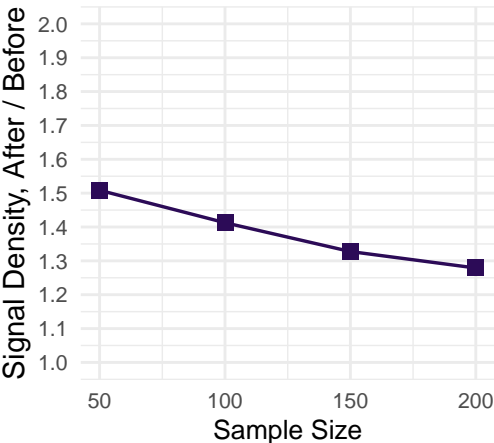
Simulated SNP set ($p = 567$) with strongly-correlated signal variables

Mean value, across 1000 data replicates, of signal density after PhiMr relative to before

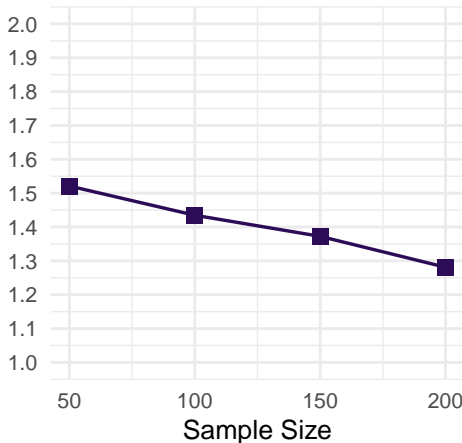
Signal density measured as number of signal variables relative to feature dimension

28-variable signal set

Uncorrelated error components

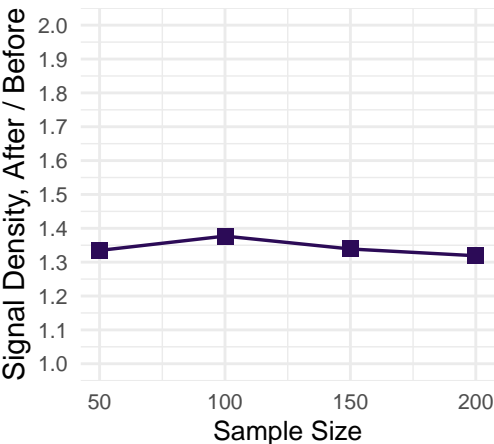


Correlated error components ($\rho = 0.5$)

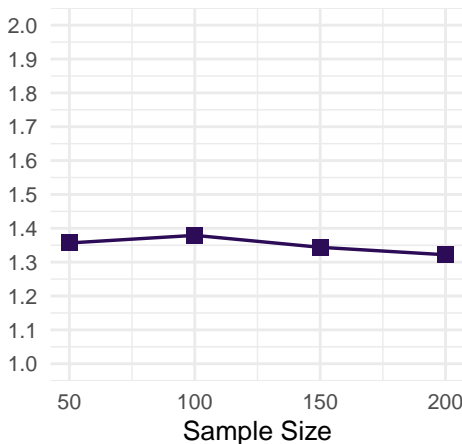


122-variable signal set

Uncorrelated error components



Correlated error components ($\rho = 0.5$)



feature dim.

■ 567