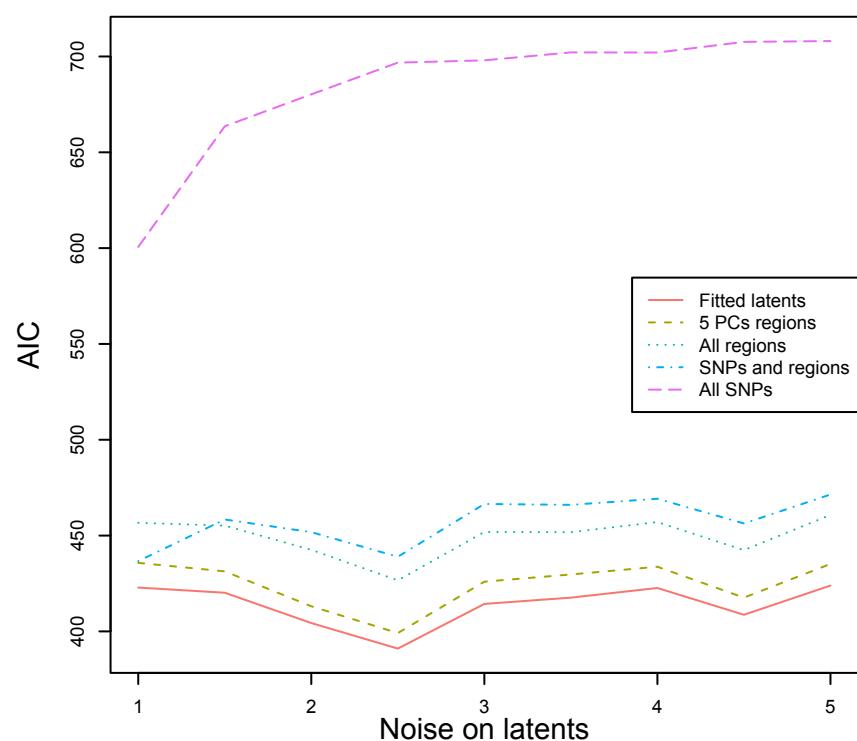
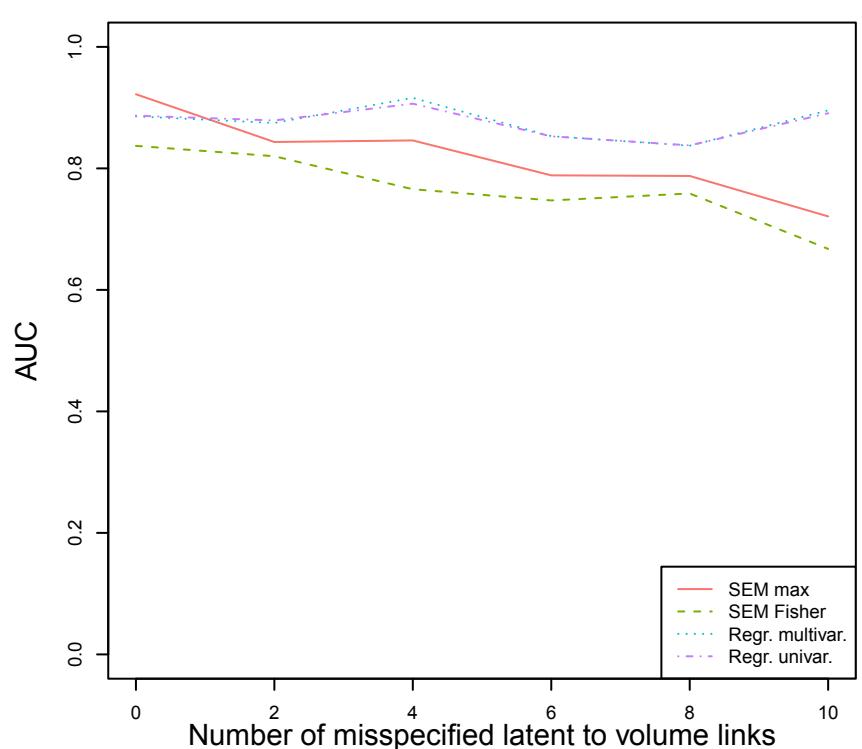
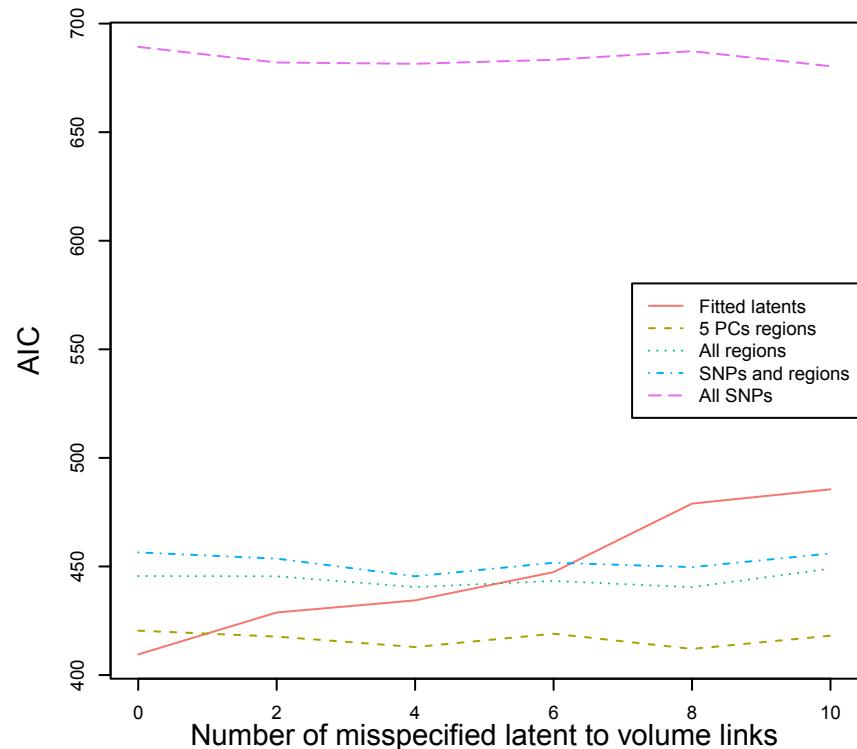
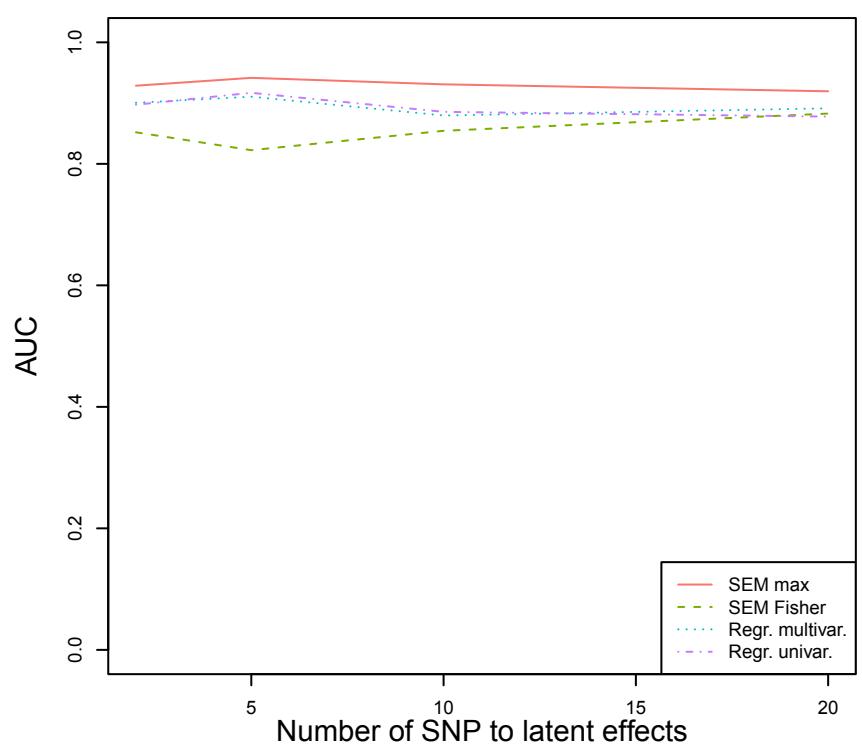
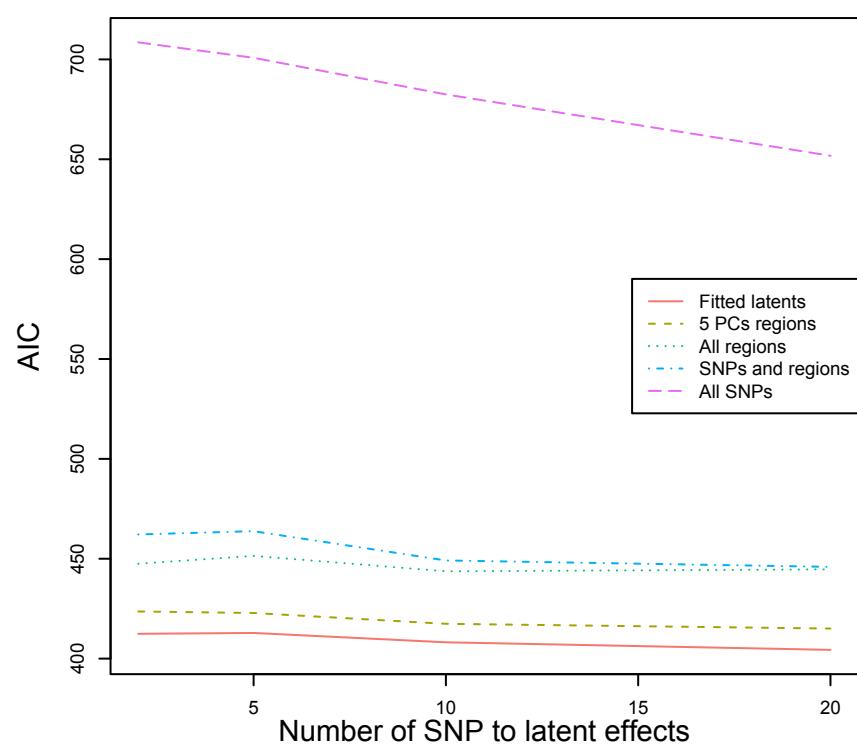
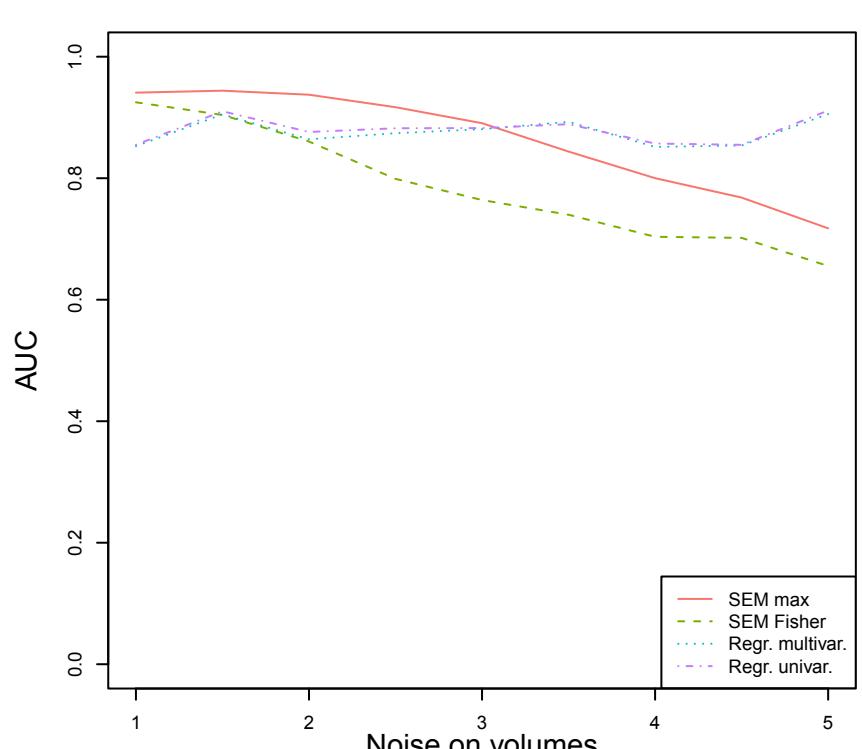
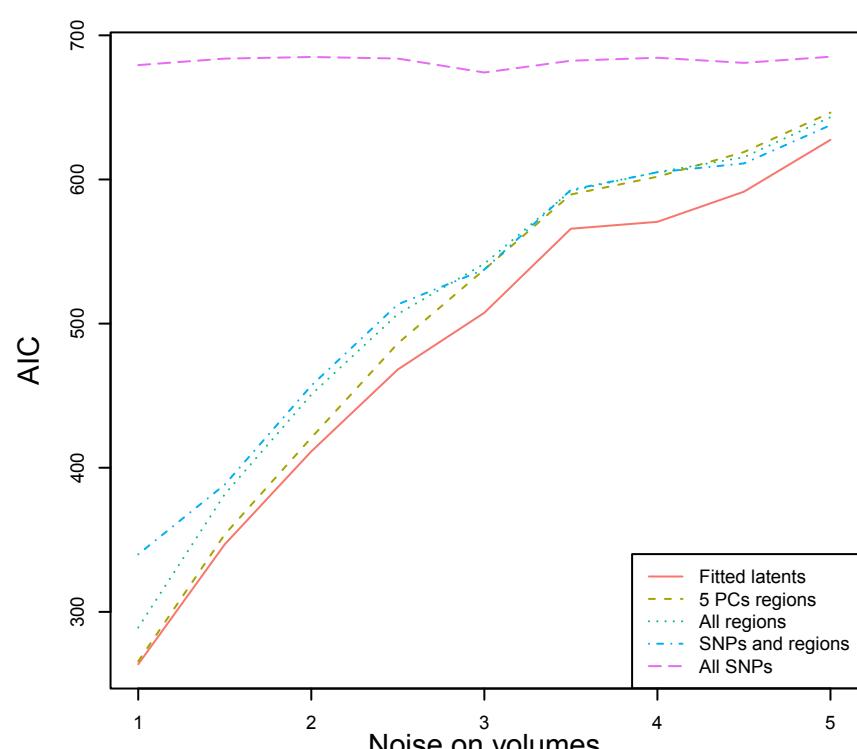
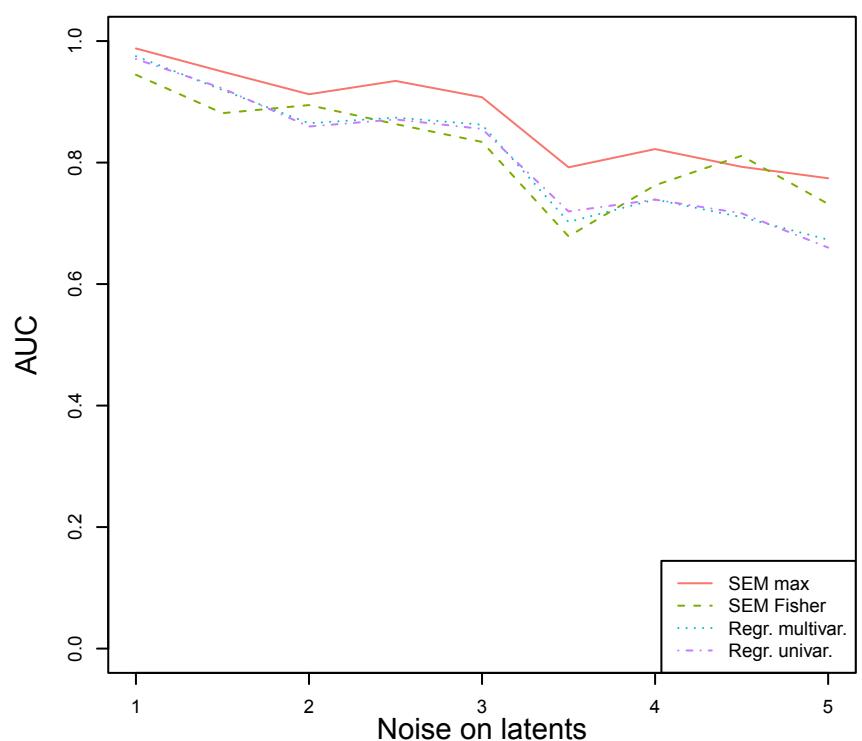


Model fit in predicting phenotypes



Identifying SNPs in phenotype prediction



Additional Fig. S1 Simulations to test model robustness. The plots show a comparison of our model (red) to alternative approaches with varying simulation parameters. We simulated a range of noise on latent variables, noise on volumes, number of SNPs, and number of misspecified latent to volume links.