



Figure S11: Distribution of the estimated regression coefficients β_i of the SNPs as a function of their actual simulated values from analyses under three different model parameterizations with $\Omega = \hat{\Omega}_{HSA}^{benv}$ (for SpaH data) and $\Omega = \hat{\Omega}_{BTA}^{benv}$ (for SpaB data). For a given scenario (SpaH and SpaB), results from the ten replicates are combined.