## Simulated Weights on Hypothesis Matrices # causal SNPs = 1000 heritability = 0.5 Environmental Variance Ratio: 1 No Effect Matrix: 84% 1.00 -0.2% 14.9% 0.75 -0.2% 0.50 -0.25 -0.00 -0% -0.25 **-**-0.50 **-**-0.75 --1.00 -0.8% Environmental Variance Ratio: 1.5 No Effect Matrix: 83% 1.00 -0.1% 0.8% 13.4% 2.4% 0.75 -0.50 -Correlation 0.25 -0.00 -0.6% -0.25 **-**-0.50 **-**-0.75 **-**-1.00 **-**Environmental Variance Ratio: 5 No Effect Matrix: 84% 1.00 -2.1% 13.4% 0.75 -0.50 -0.25 -0.00 -0% -0.25 --0.50 **-**-0.75 --1.00 femalefemale x3 female x2 female x1.5 equal male x1.5 male x2 male x3 malespecific specific Magnitude