

DATA SUPPLEMENT 3

Group genetic correlation

$$((h^2_{g(xy)} * h^2_{g(yx)}) / (h^2_{g(x)} * h^2_{g(y)}))^{1/2}$$

Where $h^2_{g(x)}$ is the univariate group heritability of X, $h^2_{g(y)}$ is the univariate group heritability of Y, $h^2_{g(xy)}$ is the bivariate group heritability of X→Y (proband selected on X), and $h^2_{g(yx)}$ is the bivariate group heritability of Y→X (proband selected on Y).