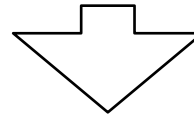
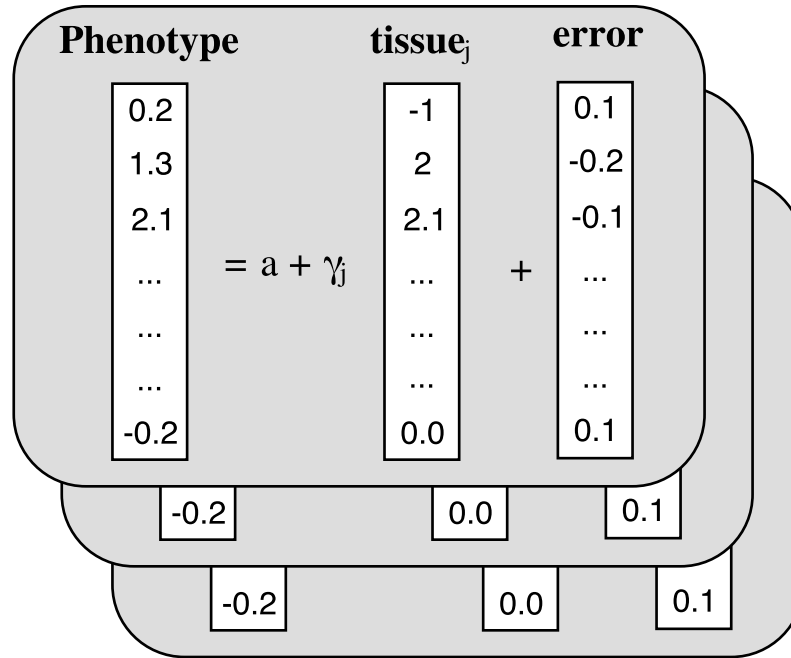


# Summary-Based TissueXcan: Meta-Analysis from Univariate Results



$$\hat{\mathbf{g}} = (\mathbf{T}^t \mathbf{T})^{-1} \mathbf{D} \hat{\boldsymbol{\gamma}}$$

$$\text{var}(\hat{\mathbf{g}}) = \sigma_e (\mathbf{T}^t \mathbf{T})^{-1}$$

$$\chi_p^2 = \hat{\mathbf{g}}^t (\mathbf{T}^t \mathbf{T}) \hat{\mathbf{g}}$$

