

Experimental data



GLM

$$g(E[\mathbf{Y}]) = X\boldsymbol{\beta} + \epsilon$$



$\hat{\boldsymbol{\beta}}$



$d$

$\hat{p}$



$$\hat{p} = g^{-1}(X\hat{\boldsymbol{\beta}})$$



repeat x10000



Surrogate data



$$g(E[\mathbf{Y}]) = X\boldsymbol{\beta} + \epsilon$$



$\hat{\boldsymbol{\beta}}^*$



$d^*$