$$3 \, \text{FWHM} = 3 \cdot 2.35 \, \sigma$$

$$4 \, \text{sig} = 4 \cdot \frac{1}{2.35} \, \text{FWHM}$$

$\min(\beta, \alpha, Z_k)$

$$\hat{\beta}_i \mid \beta_i \overset{ind}{\sim} N\left(\beta_i, se^2(\hat{\beta}_i)\right)$$

$2k$

$$\beta = (\beta_1, \ldots, \beta_i, \ldots, \beta_{N_{SNP}})'$$

$\sup_{\theta \in \Omega_0}$

$$\beta \sim \pi_0 N\left(0, \Sigma_{LD} \sigma_b^2\right) +$$

$$(1 - \pi_0) N\left(0, \Sigma_{LD}(\sigma_a^2 + \sigma_b^2)\right)$$

$$\text{PWHM} = \frac{1}{}$$

$$= \text{resel_img}^{-\frac{1}{D}} \left(\frac{\text{prod(PWHM)}}{\text{resel_xy}^m}\right)^{-1/D}$$

$$\text{resel_xyz}^{(-1/D)}$$

$$\left(\frac{\text{prod(PWHM)}}{\text{resel_xyz}}\right)^{-1/D}$$

$$P2S = \frac{2.3 \, \text{sds}}{1 \, \text{PWHM}}$$

$$3x \left[\text{FWHM} = \sigma \cdot 2.35 \right]$$

$$4 \left[\sigma = \text{PWHM}/2.35 \right]$$

$$1 \frac{\text{FWHM}}{1 \, sd}$$