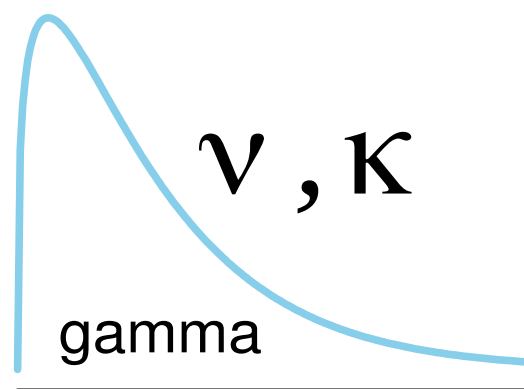
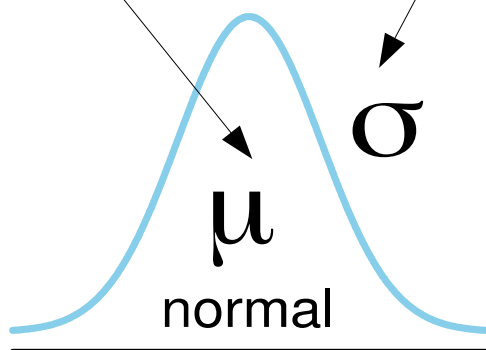


Pooled Effects



Pooled Variance

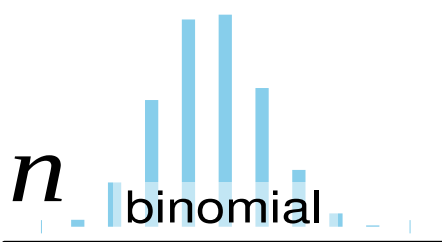


Subgroup Effects

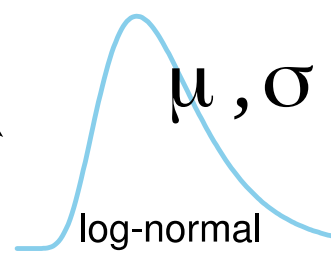
$\text{logistic}(\underbrace{\sum_i \beta_i x_i}_{\mathbf{p}})$

Study Level

$y_i$



$$\begin{aligned} y_i &\sim \text{Binomial}(p, n) \\ \beta_o &\sim \text{Normal}(\mu, \sigma) \\ \mu &\sim \text{Normal}(\rho, \tau) \\ \sigma &\sim \text{gamma}(\nu, \kappa) \end{aligned}$$



Individual Patient Data