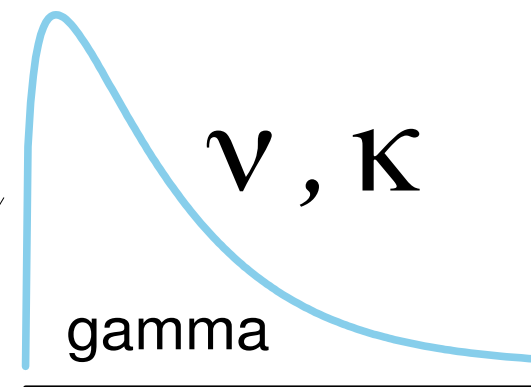
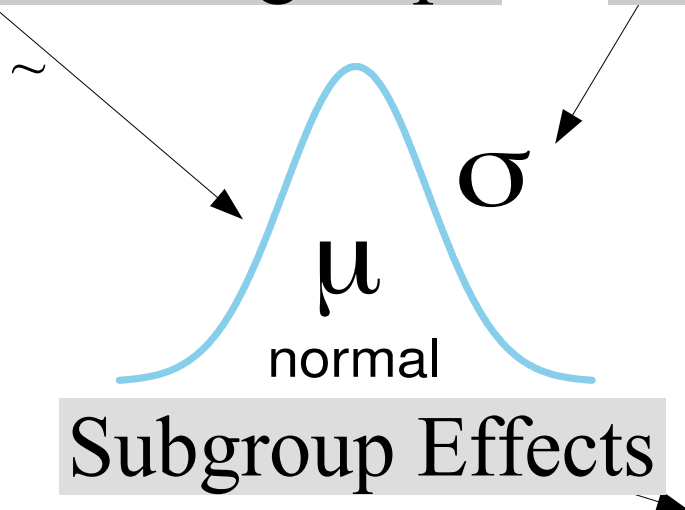


Effects across all Subgroups



Variance across Subgroups



Subgroup Effects

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

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

Study Level

$y_i$

