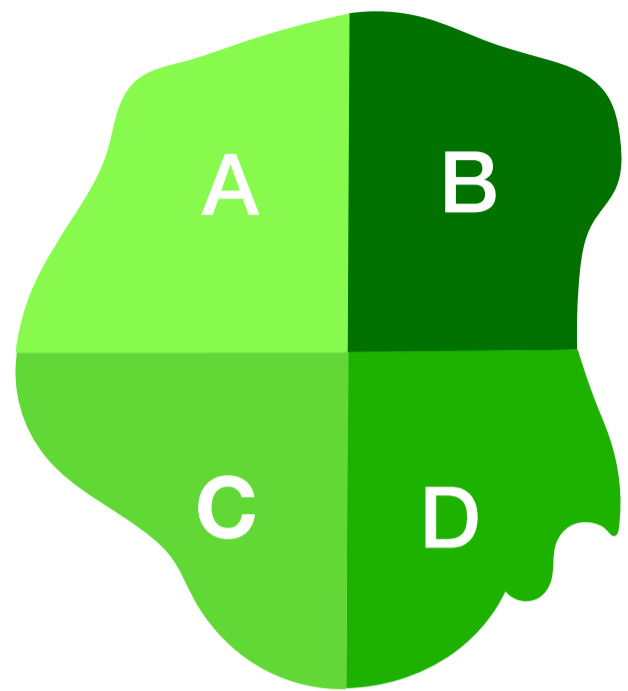
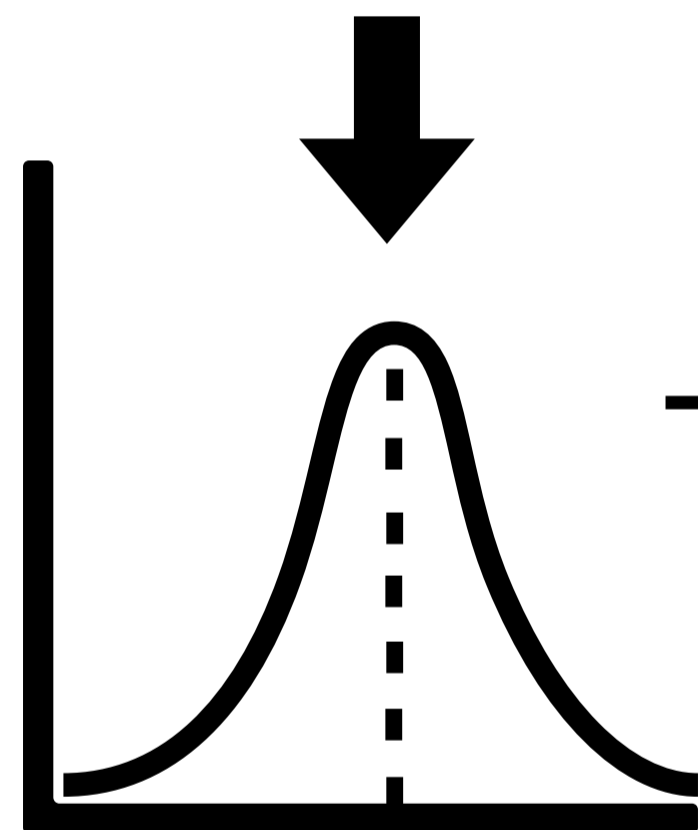


# Global Parameter

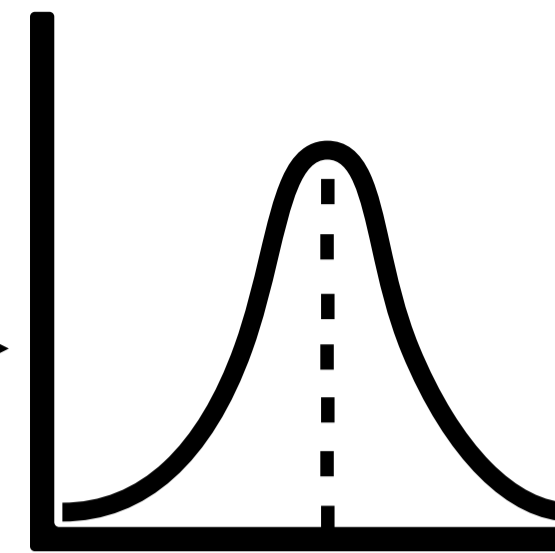


Region Of Interest (ROI)  
Partially Pooled Data ( $X_{ij}$ )



Global parameter  $\theta_i$

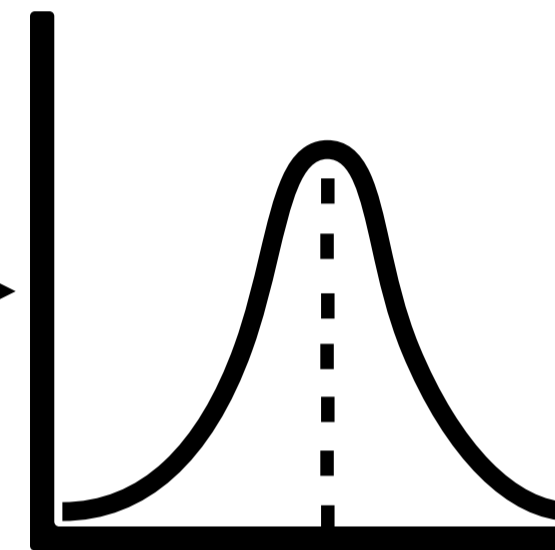
# Group Level Parameters



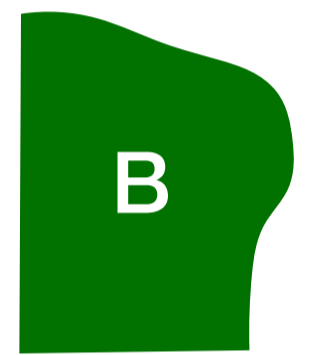
Group level parameter  $\theta_{ja}$



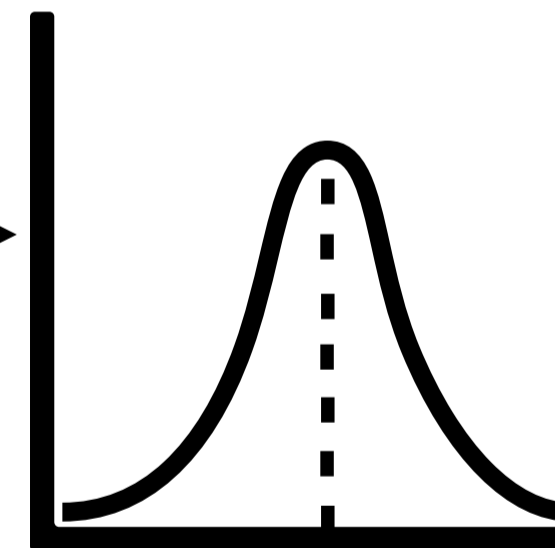
Sub-group ( $X_{ja}$ )



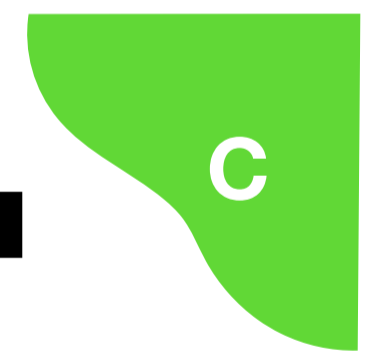
Group level parameter  $\theta_{jb}$



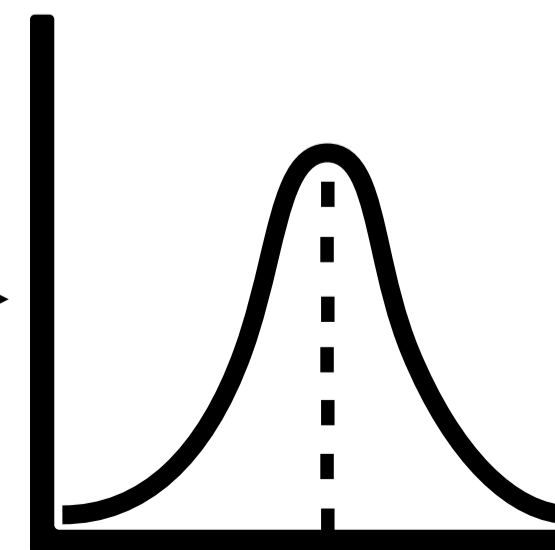
Sub-group ( $X_{jb}$ )



Group level parameter  $\theta_{jc}$



Sub-group ( $X_{jc}$ )



Group level parameter  $\theta_{jd}$



Sub-group ( $X_{jd}$ )