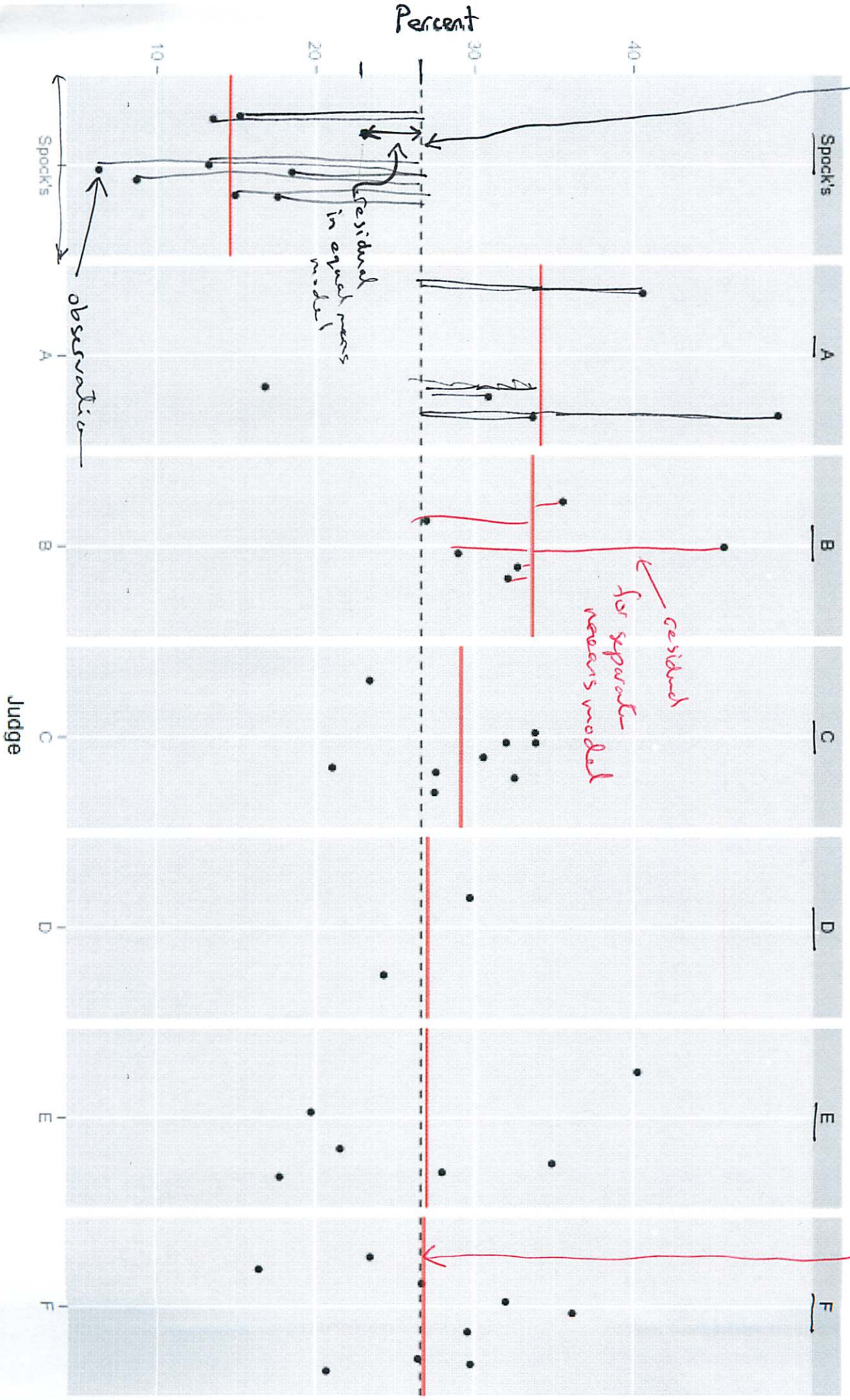


Estimate for the mean in the equal means model  
 overall average  $\bar{Y}$

# sum of squares illustration

Estimates for means in the separate means model  
 $\bar{Y}_i$



residual in equal means model

residual for separate means model

Spock's observation

Judge