



*Two-way layout with equal number  
of observations per cell*

*(STATS545.4: Analyses of variance and covariance)*

Gunnar Stefansson





# *The model and estimates*

Usually assume model with interaction

$$y_{ijk} = \mu + \alpha_i + \beta_j + \gamma_{ij} + \epsilon_{ijk}$$

only feasible if  $K > 1$ .

Commonly assume  $\gamma_{ij} = 0$  but can nw test this.

The form of the interaction effect and constraints

