

# Evaluating Alternative Models

Akaike **weights**

- Normalized AIC values
- Give strength of model relative to others.

$$w_i = \frac{\exp(-\frac{\Delta_i}{2})}{\sum_{j=1}^K \exp(-\frac{\Delta_j}{2})}$$

- Evidence ratio:

$$R = \frac{w_i}{w_j}$$

# Alternative Models



Full Model

Second Model

Final Model