Comparing Models

Circumscribe candidate models

Assess evidence for support

- Rank models

Multimodel inferences

- Model averaging

Evaluating Alternative Models

Estimating AIC

- Smaller (even more negatie) AIC better

$$AIC = -2ln(L) + 2k$$

- If n/k < 40, use AIC_c

$$AIC_c = AIC + \frac{2k(k+1)}{N-k-1}$$