





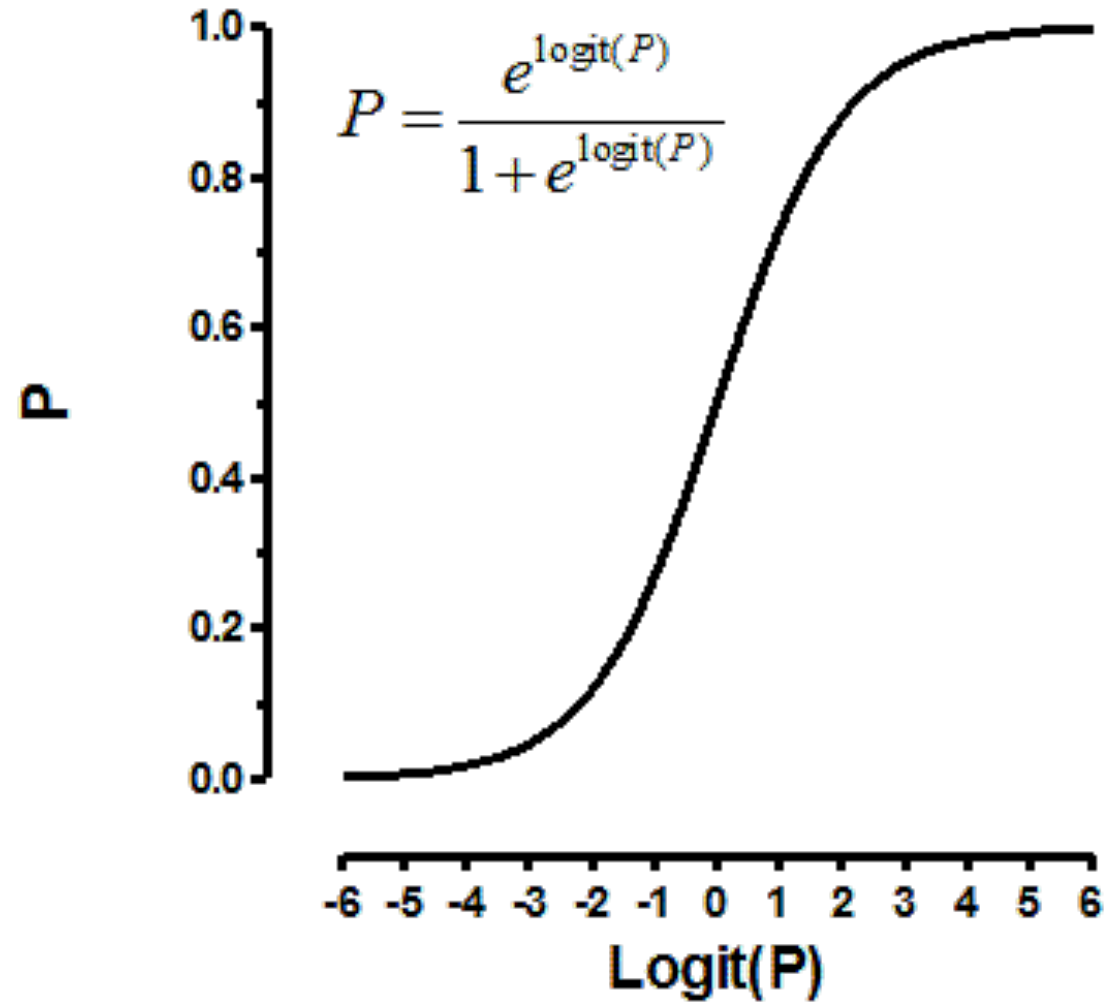
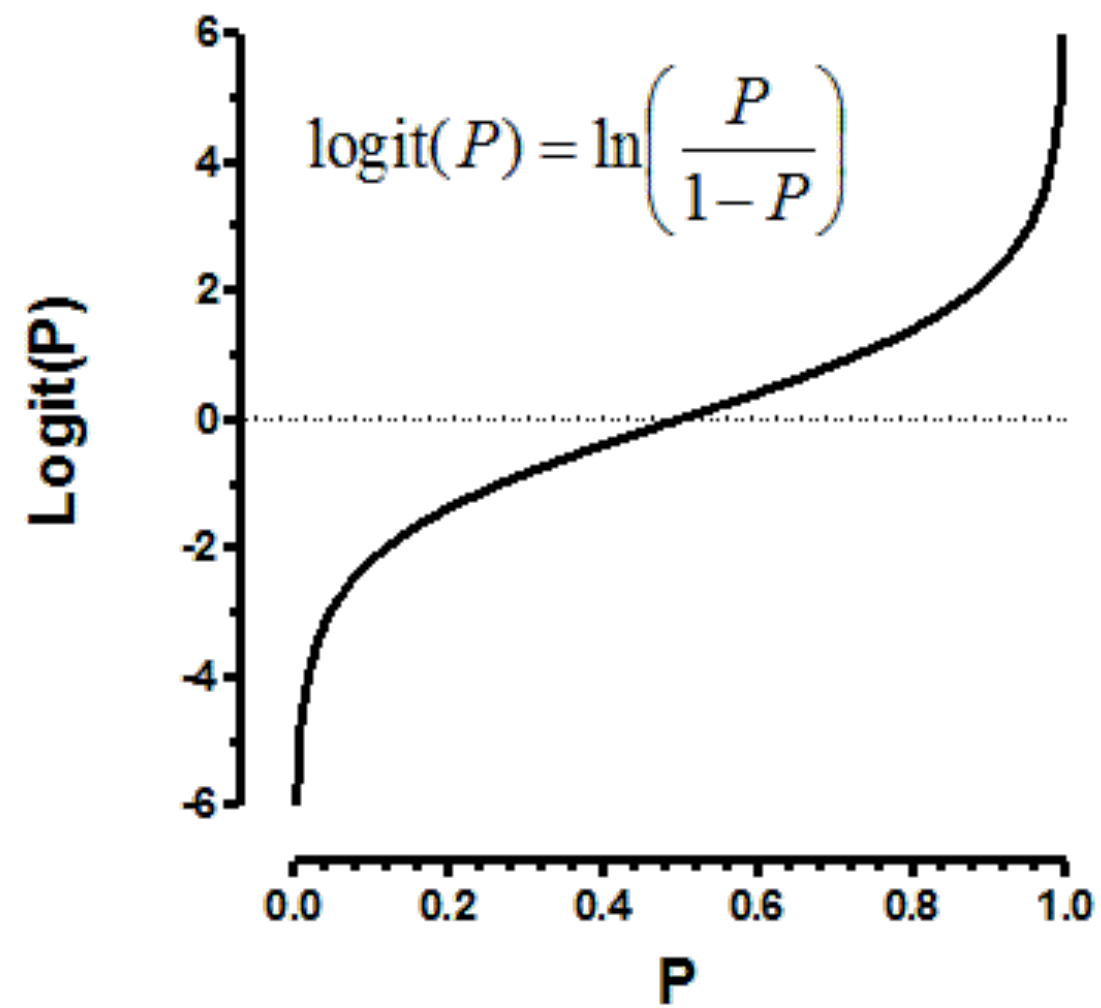


INITIAL MODEL LIKE LHOOD

Outcome:  $L_i = \text{pulled left}$

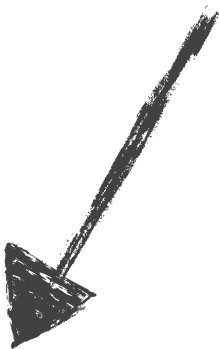
$$L_i \sim \textit{Bernoulli}(p_i)$$

$$\textit{logit}(p_i) = \alpha_{\textit{actor}[i]} + \beta_{\textit{treatment}[i]}$$

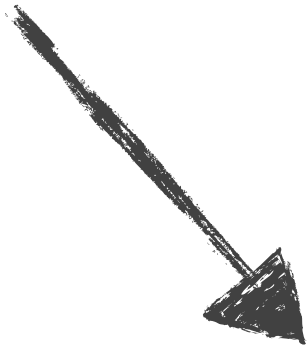


Logit(x) recap





Accounts for the  
actor handedness



Measures prosocial  
treatment effect

# INITIAL MODEL LIKELIHOOD

Outcome:  $L_i$  = pulled left

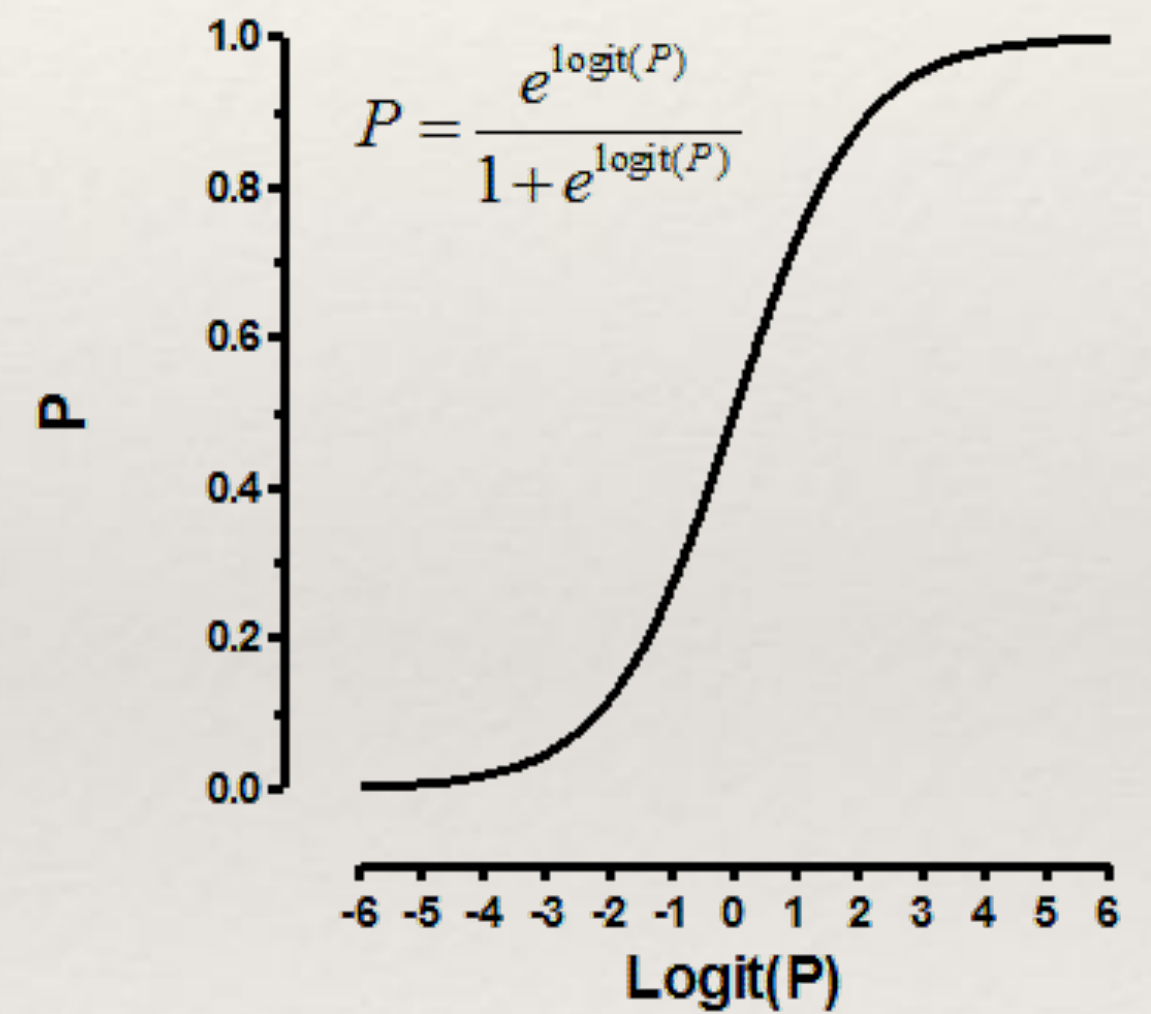
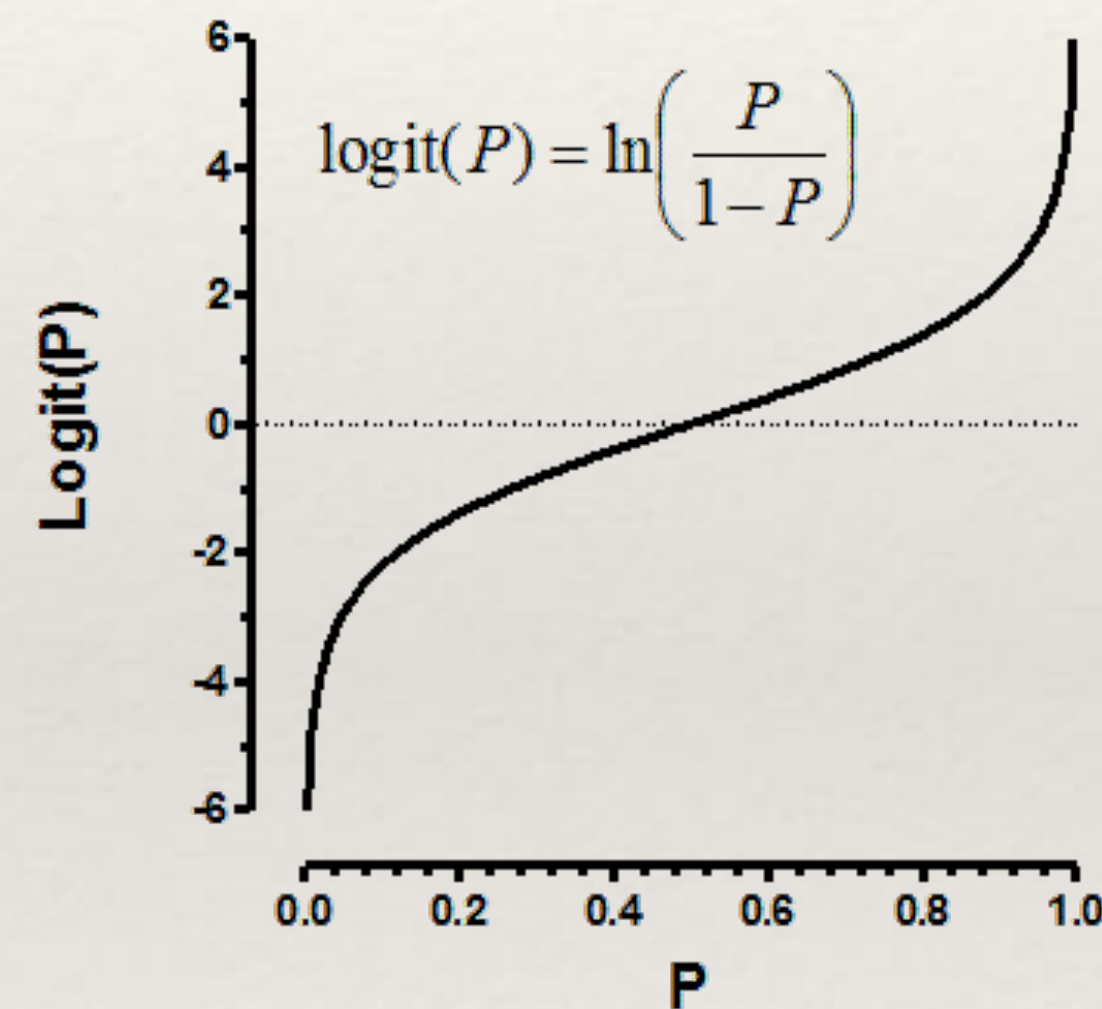
$$L_i \sim \text{Bernoulli}(p_i)$$

$$\text{logit}(p_i) = \alpha_{\text{actor}[i]} + \beta_{\text{treatment}[i]}$$

Accounts for the  
actor handedness

Measures prosocial  
treatment effect

Logit(x) recap



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# MODEL WITH BLOCK EFFECTS

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Outcome:  $L_i$  = pulled left

$$L_i \sim \text{Bernoulli}(p_i)$$

$$\text{logit}(p_i) = \alpha_{actor[i]} + \gamma_{block[i]} + \beta_{treatment[i]}$$