PROBABILISTIC CHOICE IN RATS

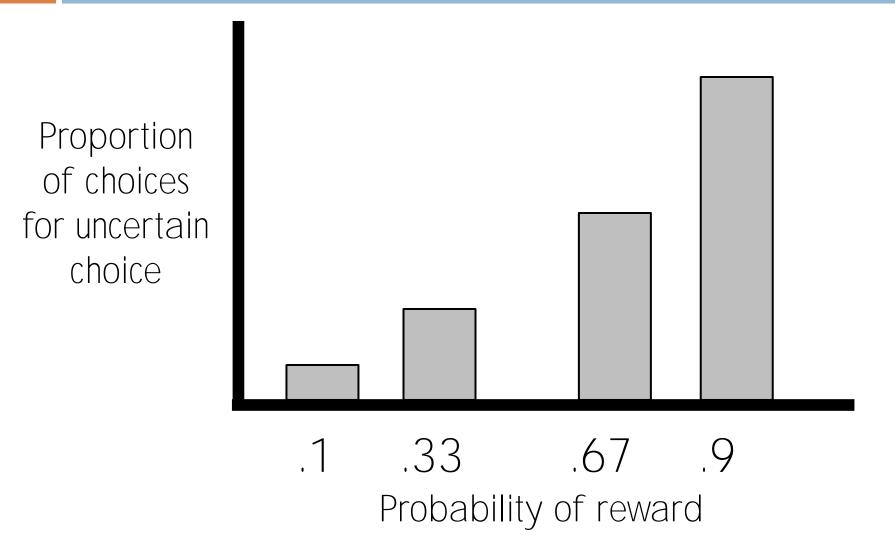
Probability discounting in animals

5 food pellets, p(food) = 1 15 food pellets, p(food) = .10



Probability discounting in animals

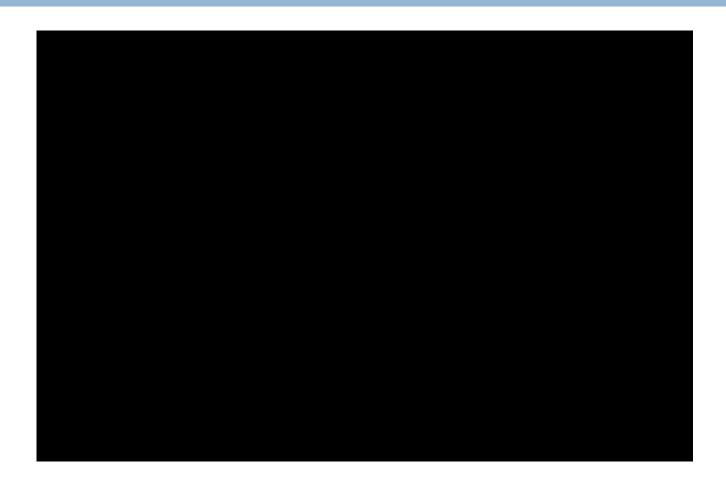
Analyzing probabilistic choice data



Analyzing probabilistic choice data



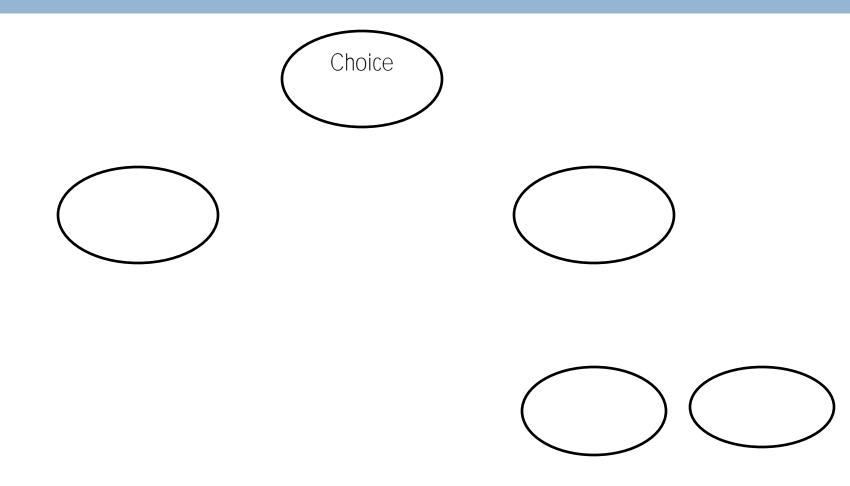
Analyzing probabilistic choice data





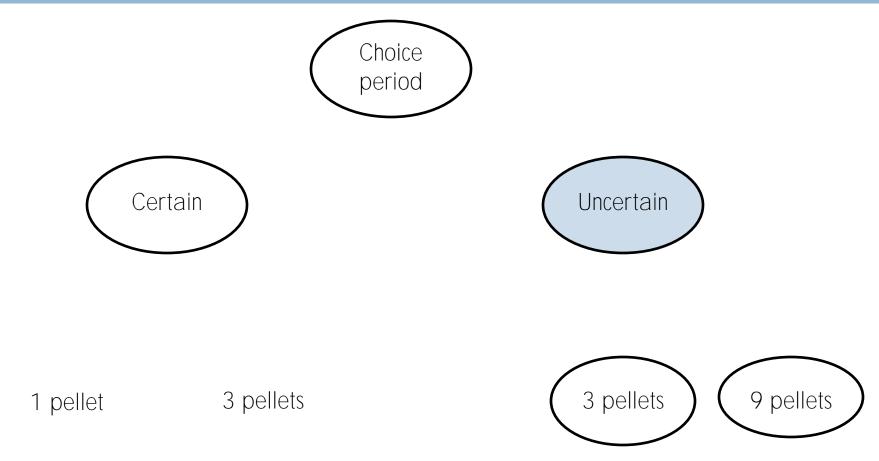
Method

Method [Dynamic p(food): Phase 7]





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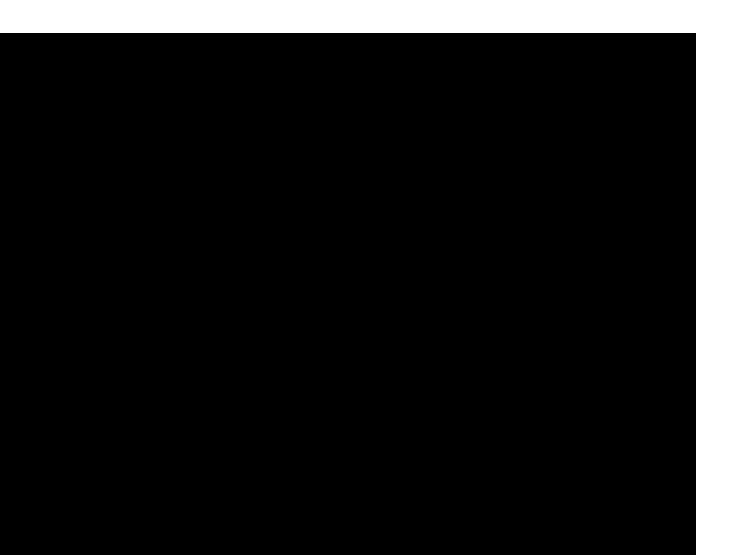
Data analysis

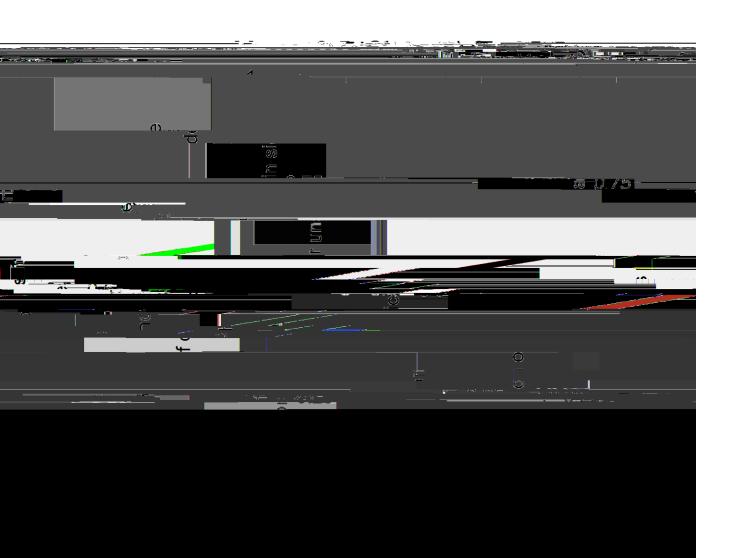
- Proportion of choices for the uncertain side
- Parameters of fitting a logistic function

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X = probability of food,
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a = mean

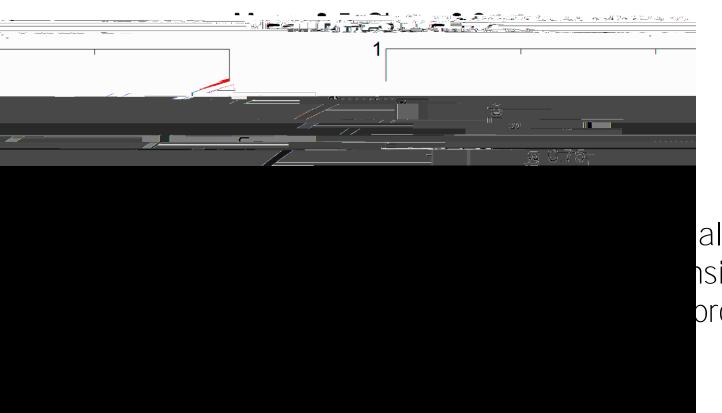
b = slope









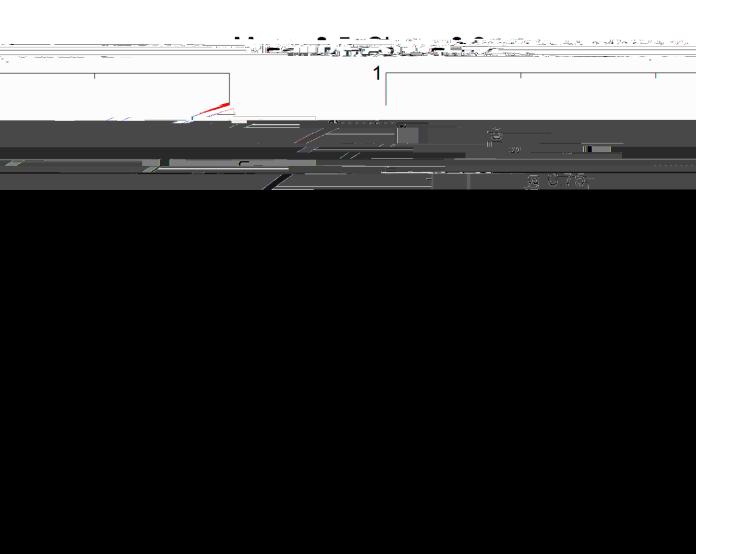


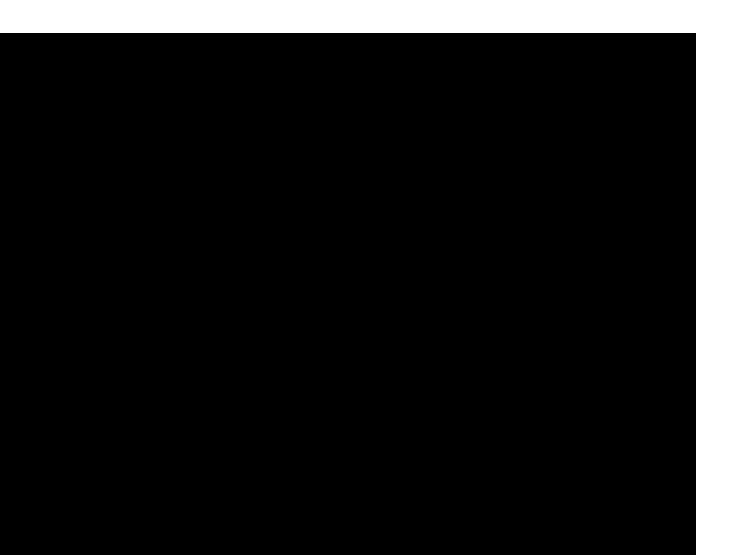
aller slope, greater nsitivity to change probability of food













Overall choice behavior: Parameters



