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

Proportion of choices for uncertain choice



Probability of reward

Analyzing probabilistic choice data

50 100 150 200 Trial

Analyzing probabilistic choice data



Method

Method [Dynamic p(food): Phase 7]



Method [Dynamic p(food): Phase 7]



Method [Dynamic p(food): Phase 7]

Data analysis

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

- X = probability of food,
- a = mean
- b = slope









aller slope, greater nsitivity to change probability of food







Overall choice behavior: Parameters