

## Observer absent

Hypotheses:

$p = 0.33$



$p = 0.33$

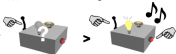


$p = 0.33$



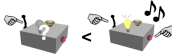
Goal:

Learning



Outcome: Music OR light  
OR nothing.  
Can fully disambiguate

Performance



Outcome: Music OR light  
OR nothing.  
Risks no immediate reward

Outcome: Music and light:  
Guarantees the most  
salient reward



Bob  
(Learner)

## Observer present

Hypotheses:

$p = 0.33$



$p = 0.33$



$p = 0.33$



Goal:

Learning



Outcome: Music OR light  
OR nothing.  
Can fully disambiguate

Outcome: Music and light:  
Completely ambiguous  
between hypotheses

Self-presentation



"Ann doesn't know how  
the machine functions"

Ann  
(Observer)



Bob  
(Learner)