

Affective Relevance in Pavlovian Appetitive Conditioning

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About Me

- Junior at Case Western
 - Cognitive science and psychology
 - Japanese minor
- Future Plans: Psychology PhD someday...



Pavlovian Conditioning Background

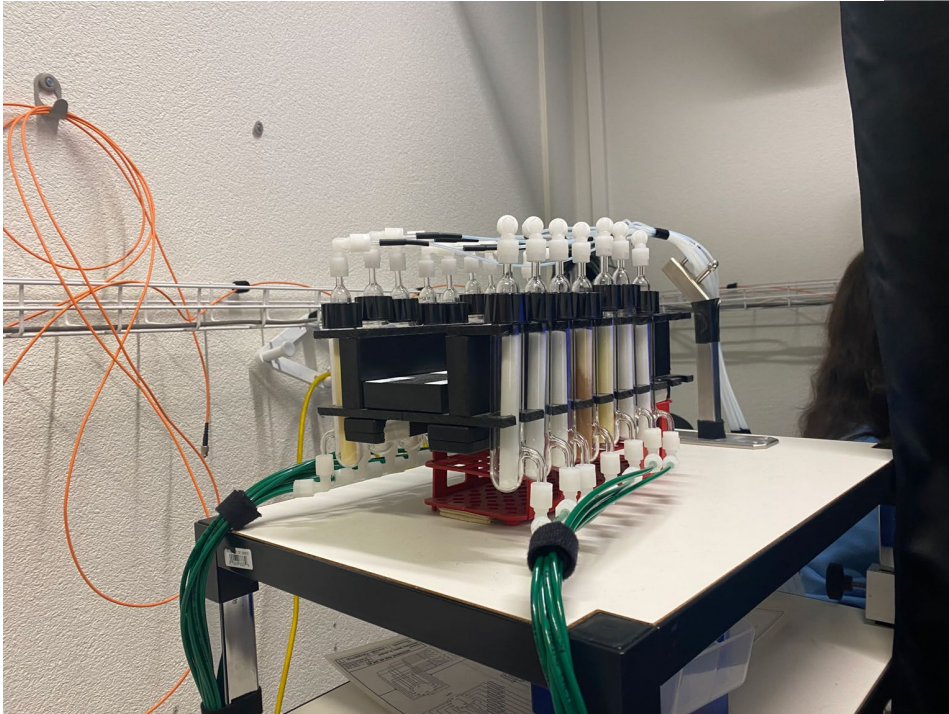
- Pavlov's experiments in the 1890's
- Preparedness/fear module
- Shift to Relevance detection theory



Research Goal

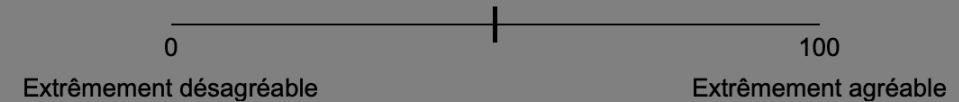
“To test the hypothesis that stimuli that are appraised as affectively relevant are more readily and persistently learned during Pavlovian appetitive conditioning irrespective of their valence.”

Part 1: Odor Evaluation



Example:

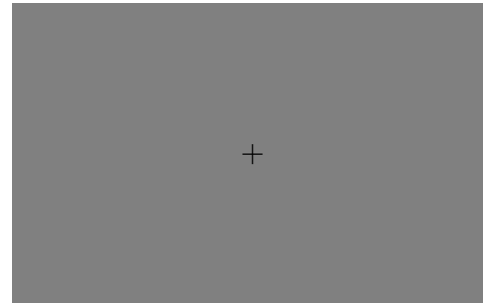
A quel point avez-vous trouvé l'odeur agréable?



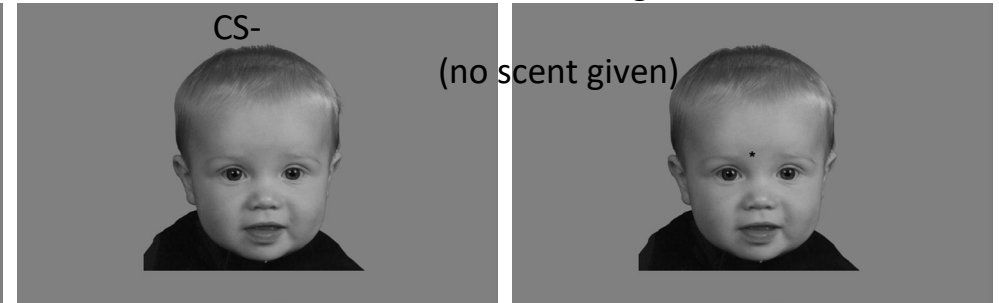
Appuyez sur la barre d'espace pour confirmer et continuer.

Part 2: Conditioning

CS+ with sniffing cue



CS- with sniffing cue



Part 3: Ratings

Rated on:

- contingency
- pleasantness
- arousal
- subjective relevance

Example:

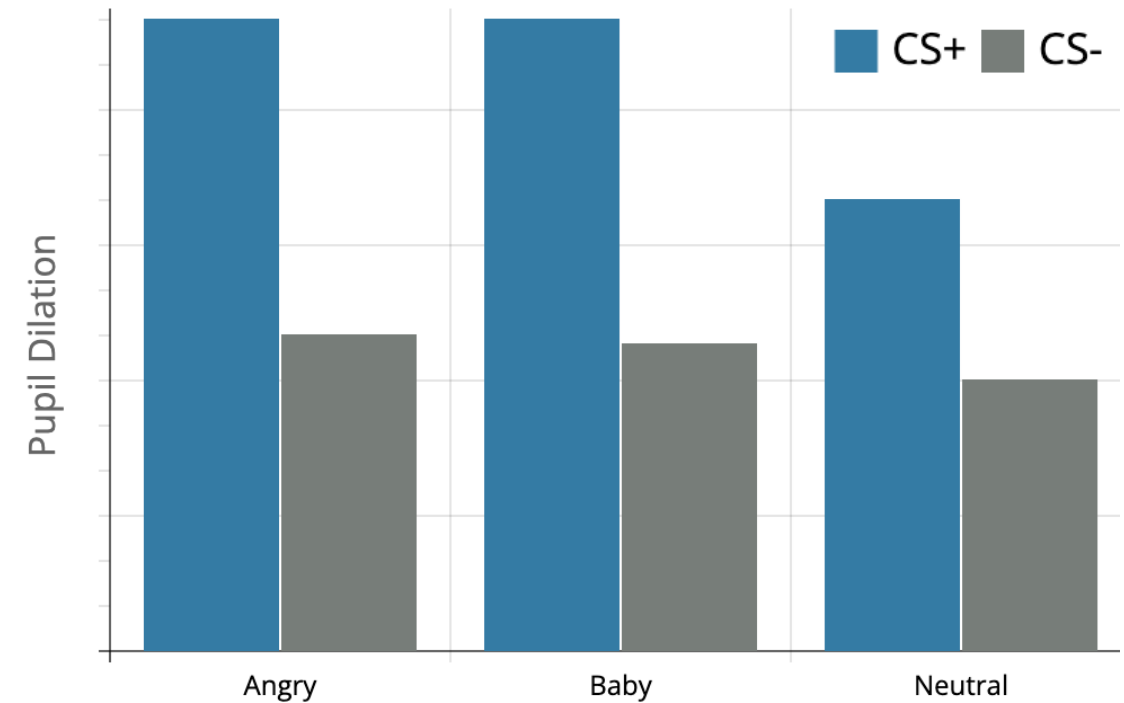


A quel point ce visage est-il déplaisant ou plaisant?

0 100
Extrêmement déplaisant Extrêmement plaisant

Pour valider votre réponse, appuyez sur la barre d'espace.

Analyses and Expected Results



Thank you for listening!

Any questions?

References

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