









(Relative) Reinforcer Efficacy

- Reinforcer Efficacy (RE) refers to the size and degree of an effect that a stimulus demonstrates when contingent on behavior
- · RE is revealed by examining how stimuli affect behavior
 - Reinforcer Assessment
 - Progressive Ratio Schedules
- *Relative* ratings of RE (RRE) use empirical indicators to rank and/or compare stimuli
 - Reinforcer breakpoint (top figure, Goldberg et al., 2017)
 - Total responses emitted (bottom figure, Francisco et al., 2008)





Elasticity of Demand

- Elasticity reflects how changes in price affect changes in reinforcer consumption*
- Elasticity is revealed when plotting changes in demand
 - For reinforcers: trend of *decreasing* reinforcer consumption when *increasing* schedule cost
 - For responding: trend of increases up to a point (price with maximum responding; $P_{\rm MAX}$) before decreasing





















Description Replication across social-positive and social-negative reinforcers

Access to social-positive attention
Escape from task demands/activities

Cross-price elasticity with concurrently-available reinforcers

Both functionally similar and qualitatively different
Elasticity in Token Economies



Acknowledgements





Jodie Waits, M.A.

Cassie Feck, M.S.



Rochelle Picardo, M. A.



Parker Levins, B.A.

