

RacLab

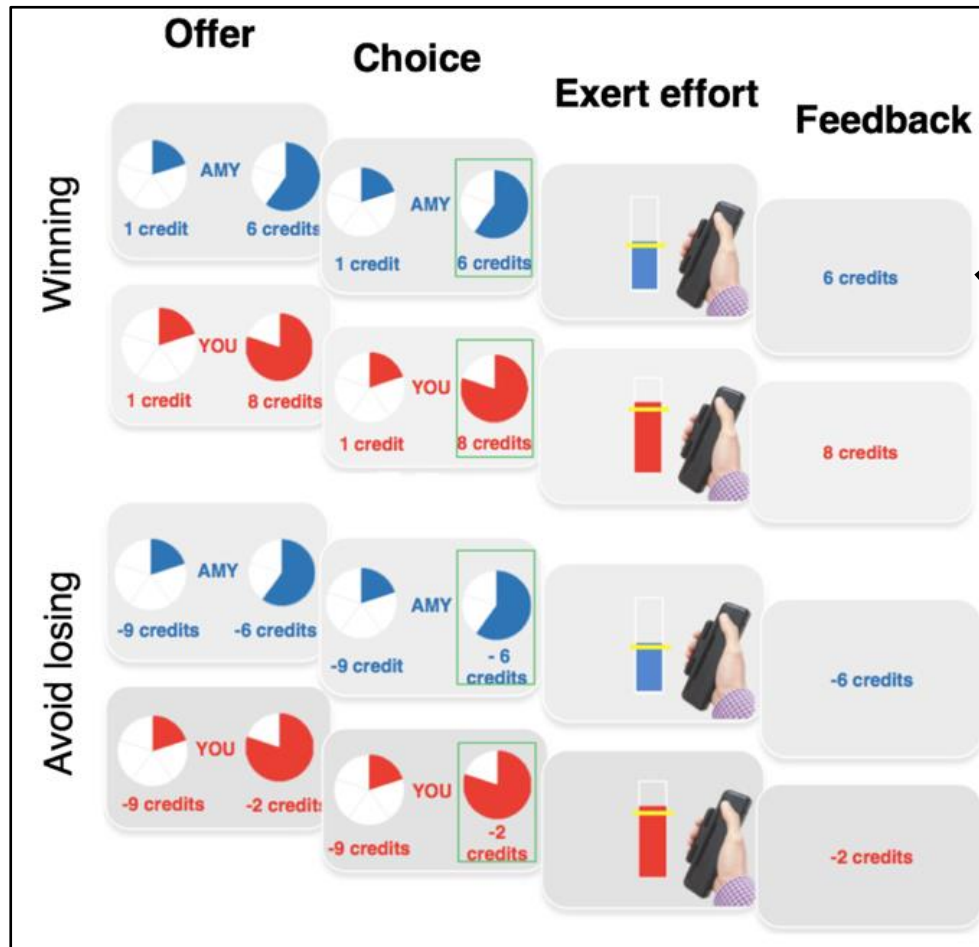
**avoiding pain to others motivates effortful
prosocial behavior reducing prosocial apathy**

February 10, 2025


Yang Ziyang


2025.2.21

Introduction




monetary incentives

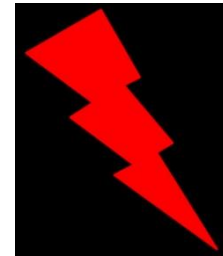

?


MORAL

Introduction



monetary incentives

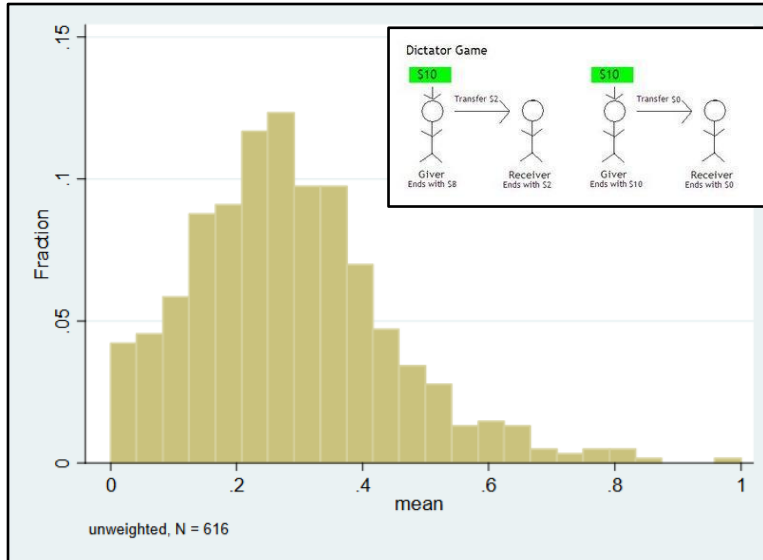


MORAL

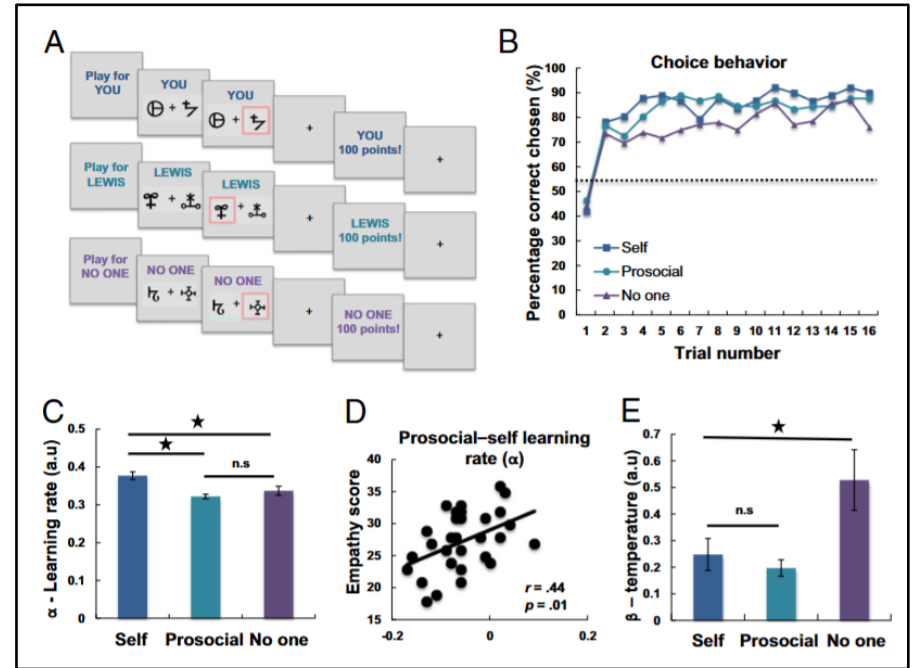
Introduction



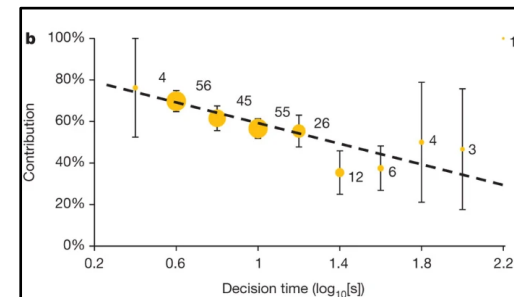
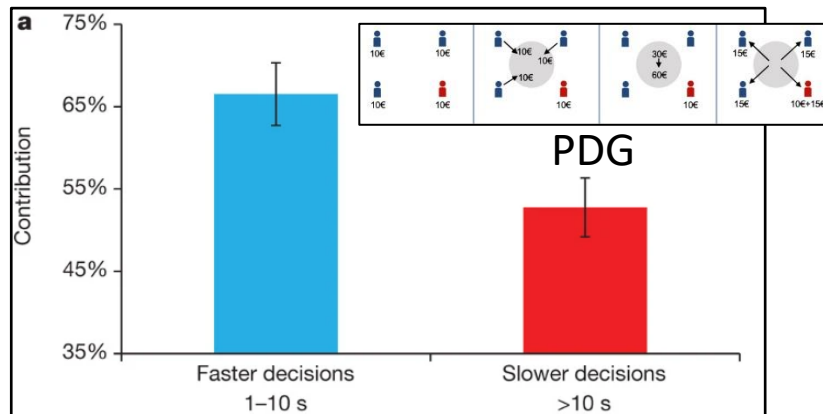
monetary incentives



Engel et al., 2011; Review



Lockwood et al., 2016; PNAS

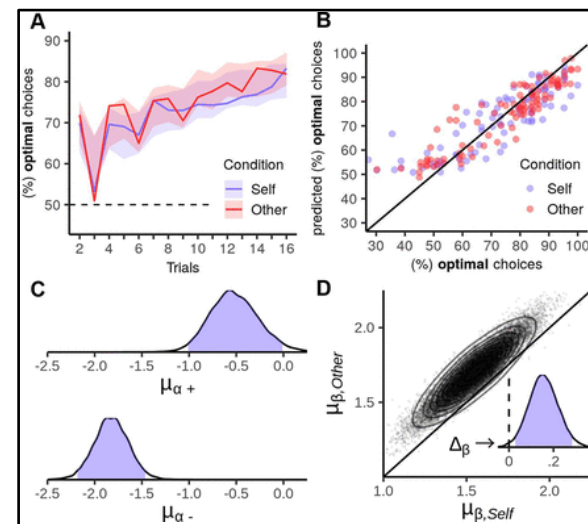
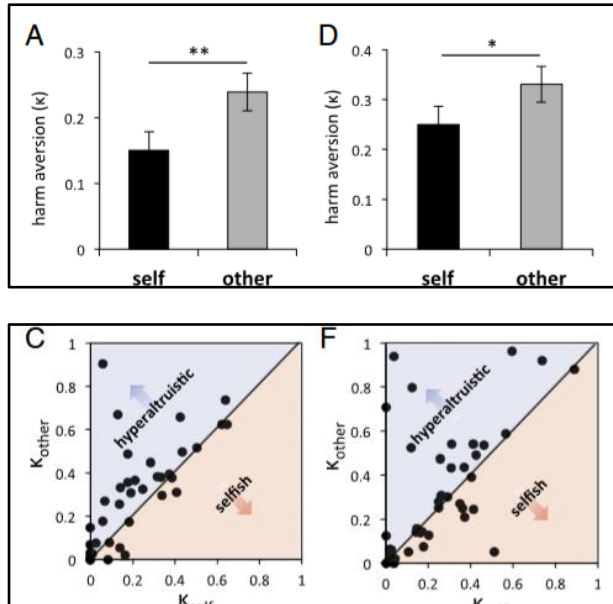
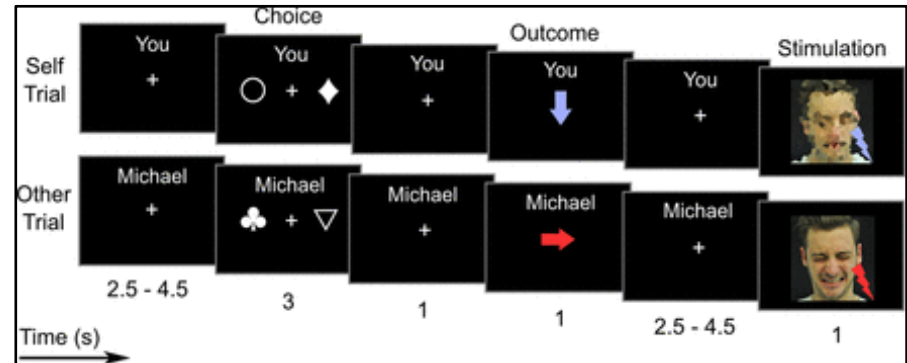
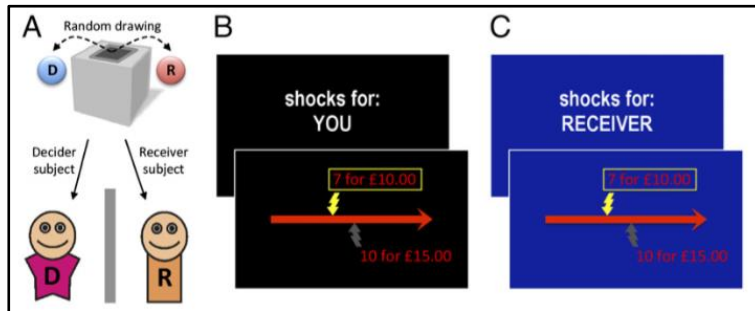


Rand et al., 2012; Nature

Introduction



MORAL

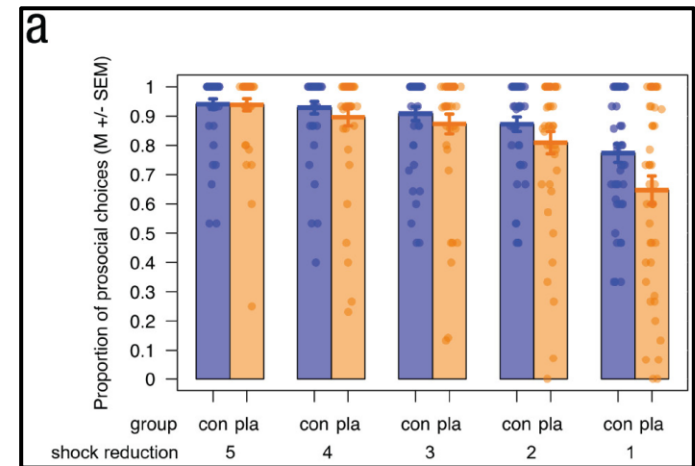
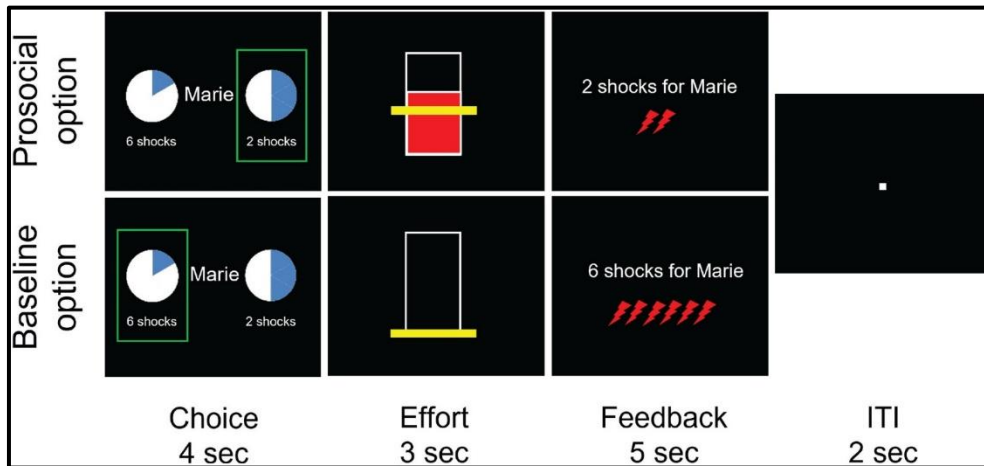


Molly et al., 2017; PNAS

Lamm et al., 2020; JN

Introduction

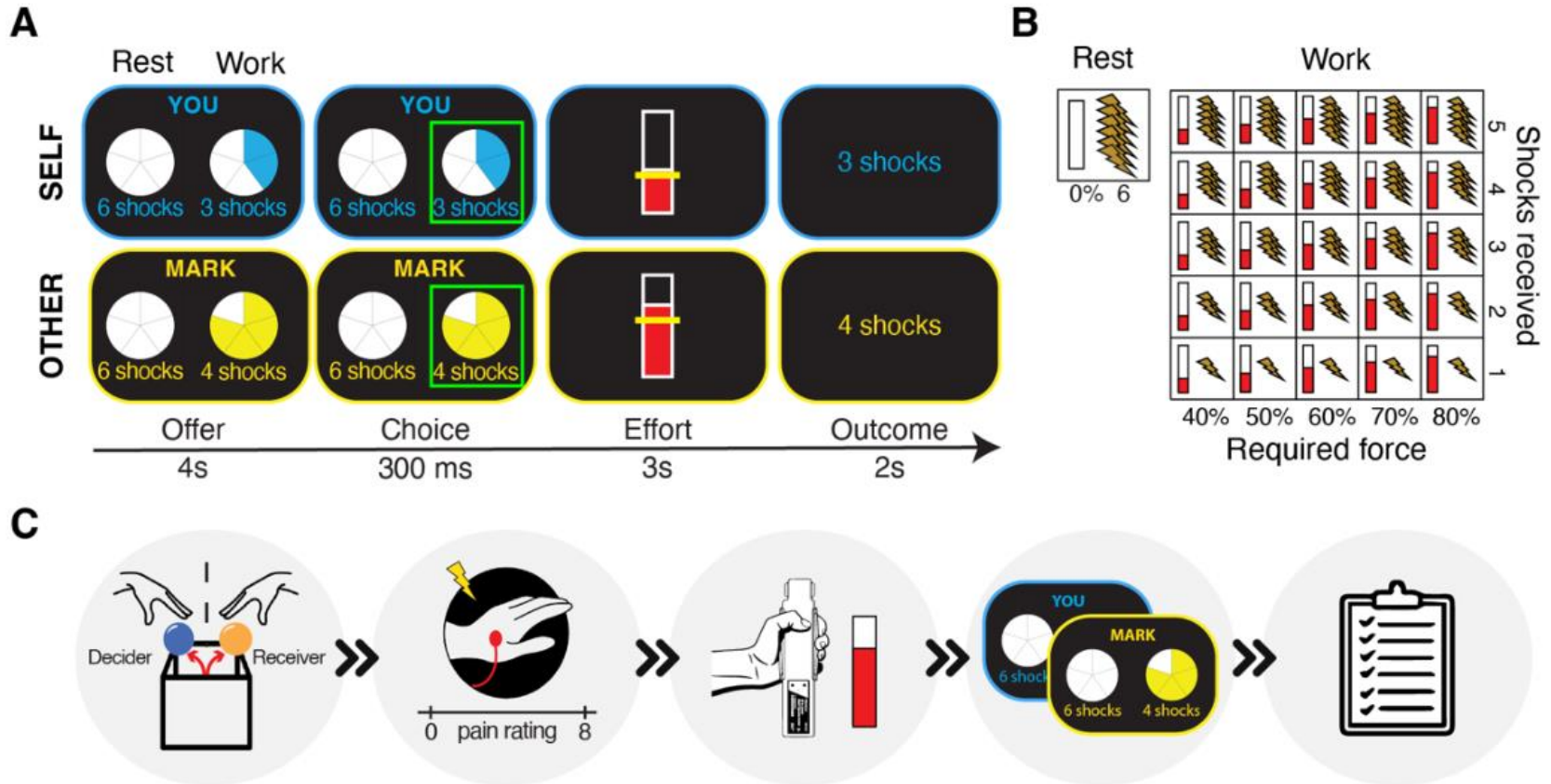
protecting others from harm holds **greater motivational value** than increasing others' wealth



Hartmann et al., 2022; Psychological Science

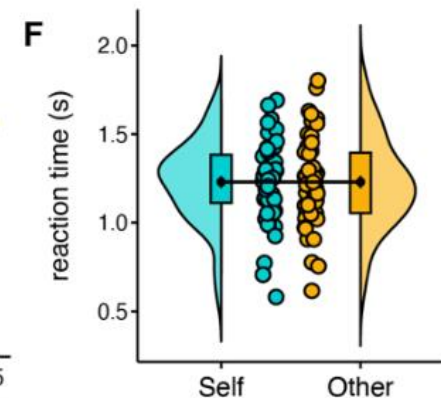
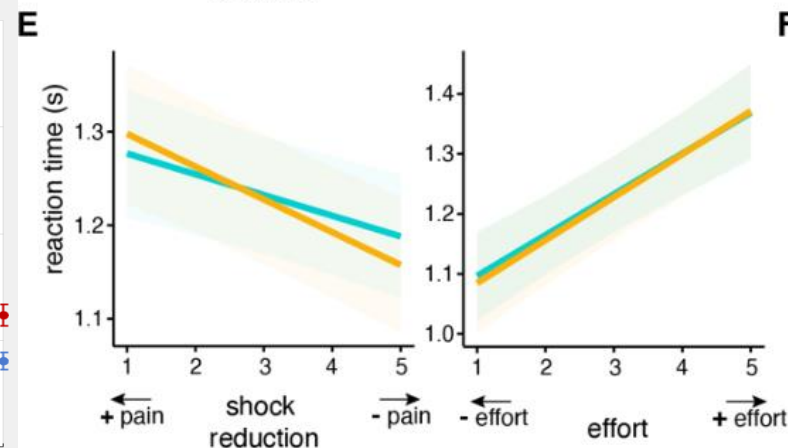
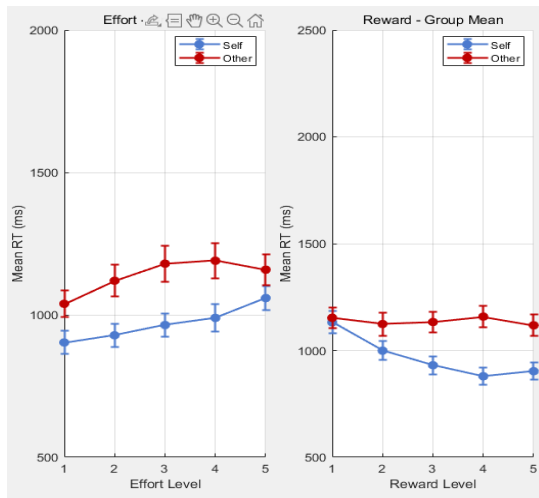
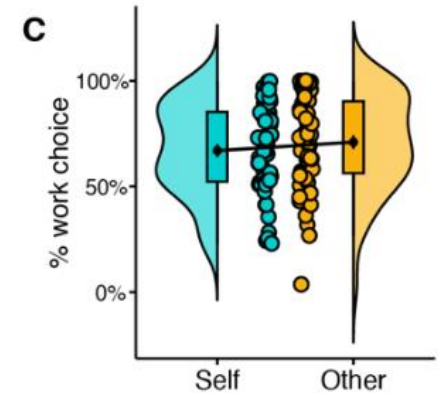
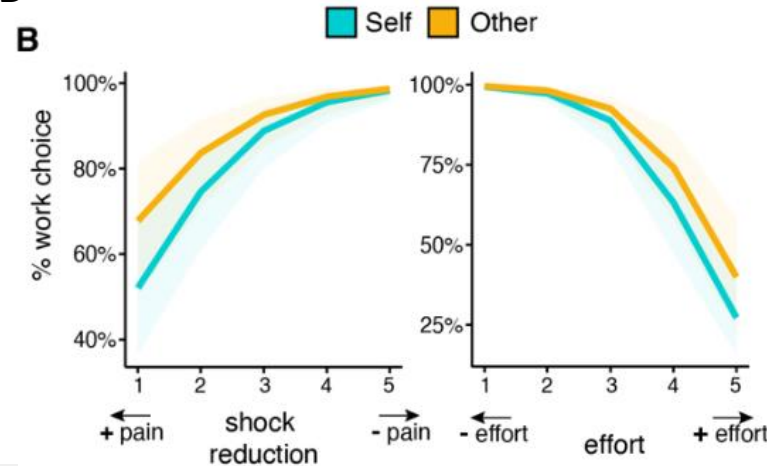
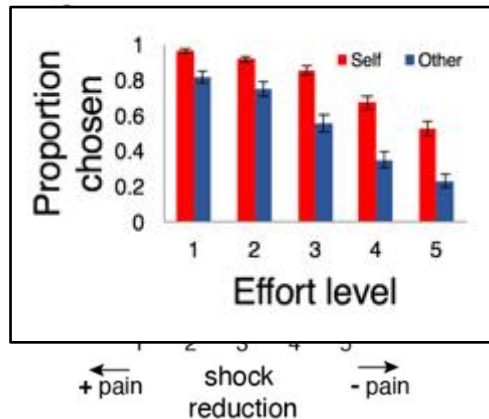
not include a condition of self-beneficial effort

Design



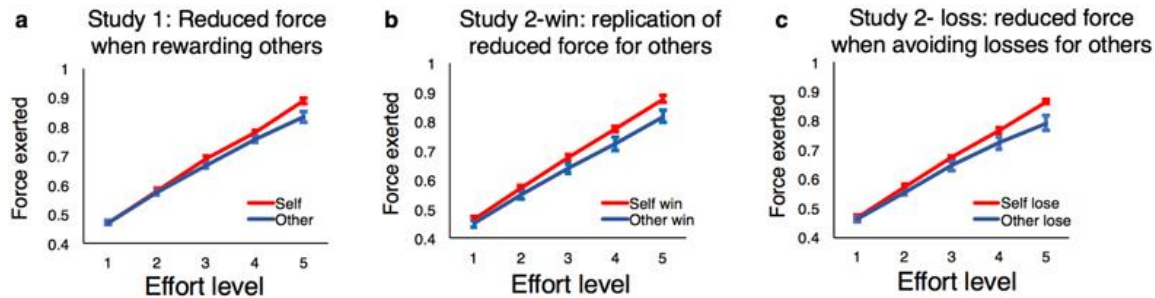
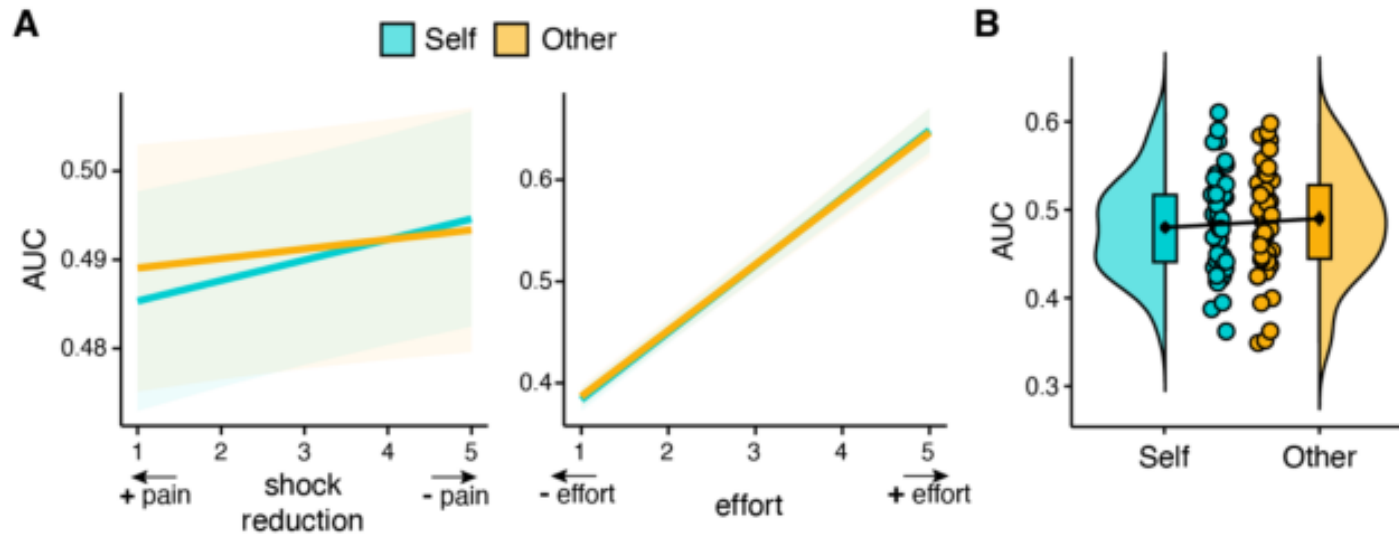
Result

Lockwood et al., 2017; NHB

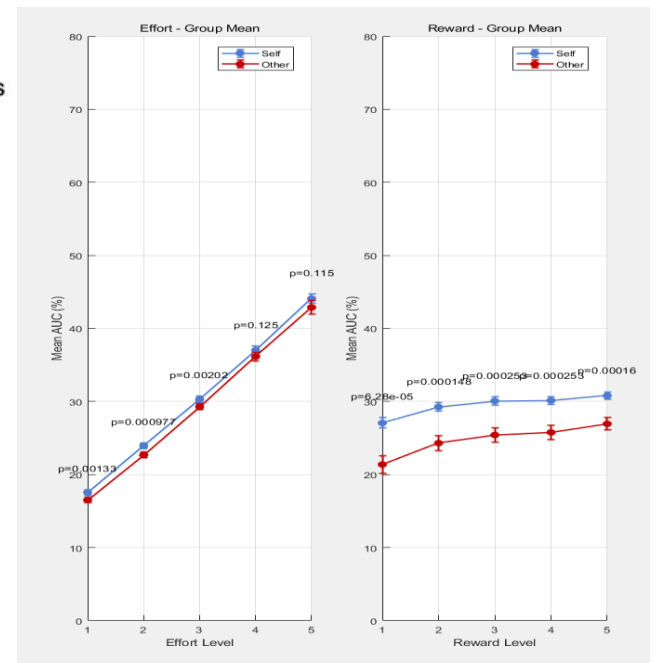


Individuals are not prosocially apathetic when choosing to exert effort to reduce others' pain

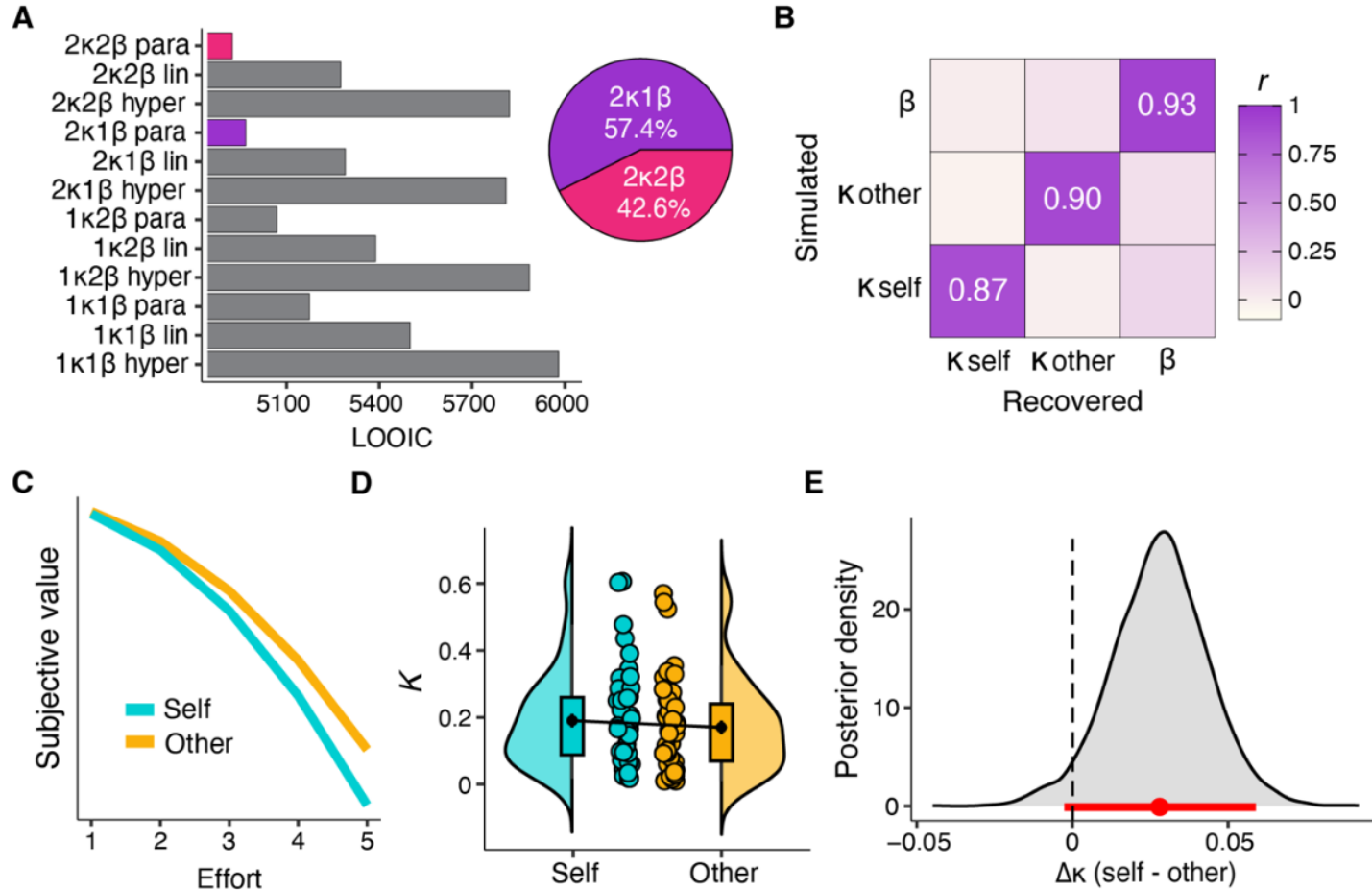
Result



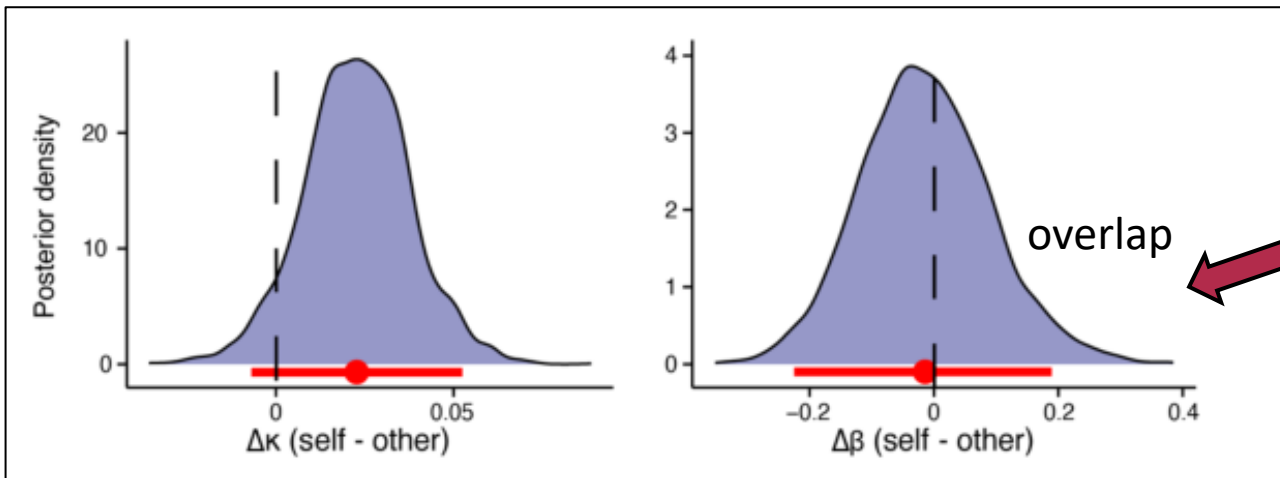
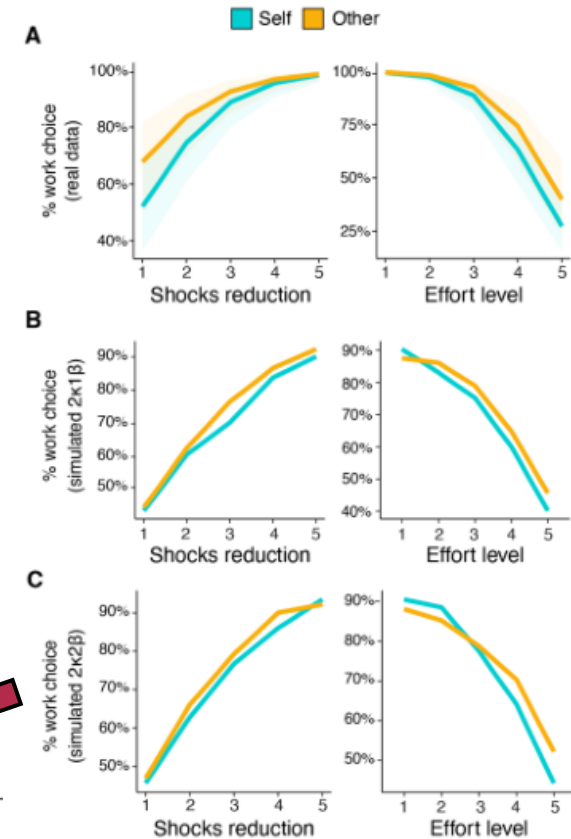
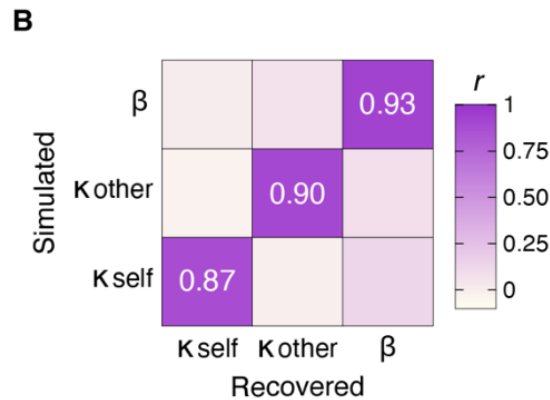
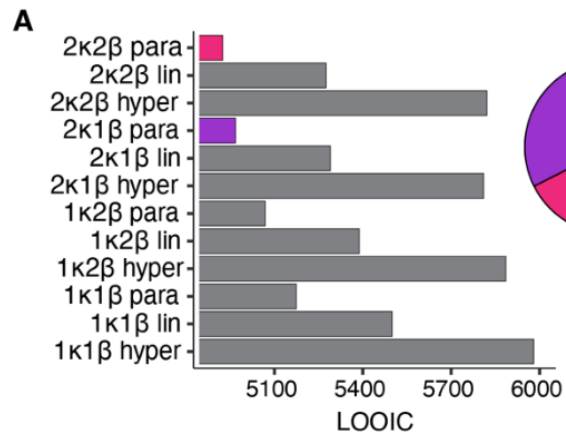
Lockwood et al., 2017; NHB



Result

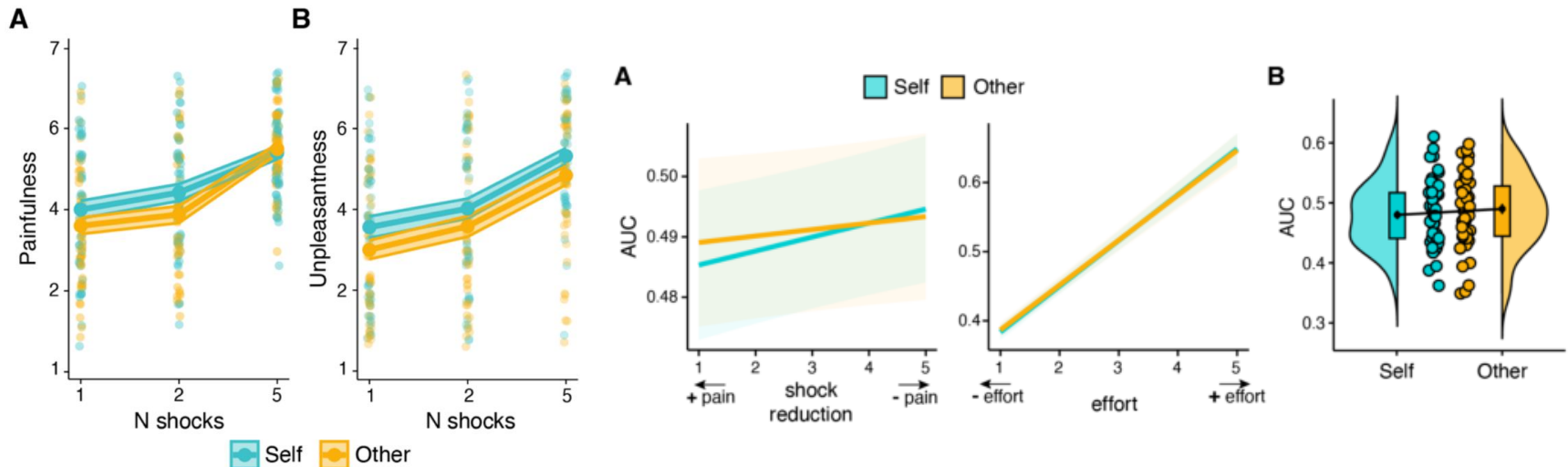


Result

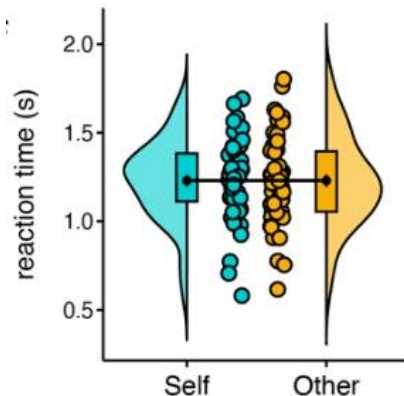


posterior predictive checks

Result



*“may not be the type of cost – effort – that makes people less willing to help others, but rather the type of incentive at stake – increasing another’s wealth – that does **not sufficiently motivate effortful prosocial behavior**”*



hyperaltruism

strong moral connotation

RacLab

**The linkage between first-hand pain
sensitivity and empathy for others' pain:
Attention matters**

Human Brain Mapping, 2020

Yang Ziyang

2025.1.24