

The development of compassionate altruism

Prof. Felix Warneken, University of Michigan



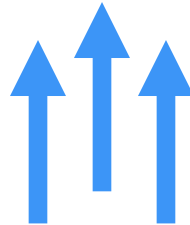
Funding: National Science Foundation, John Templeton Foundation, U of Michigan



Egoism

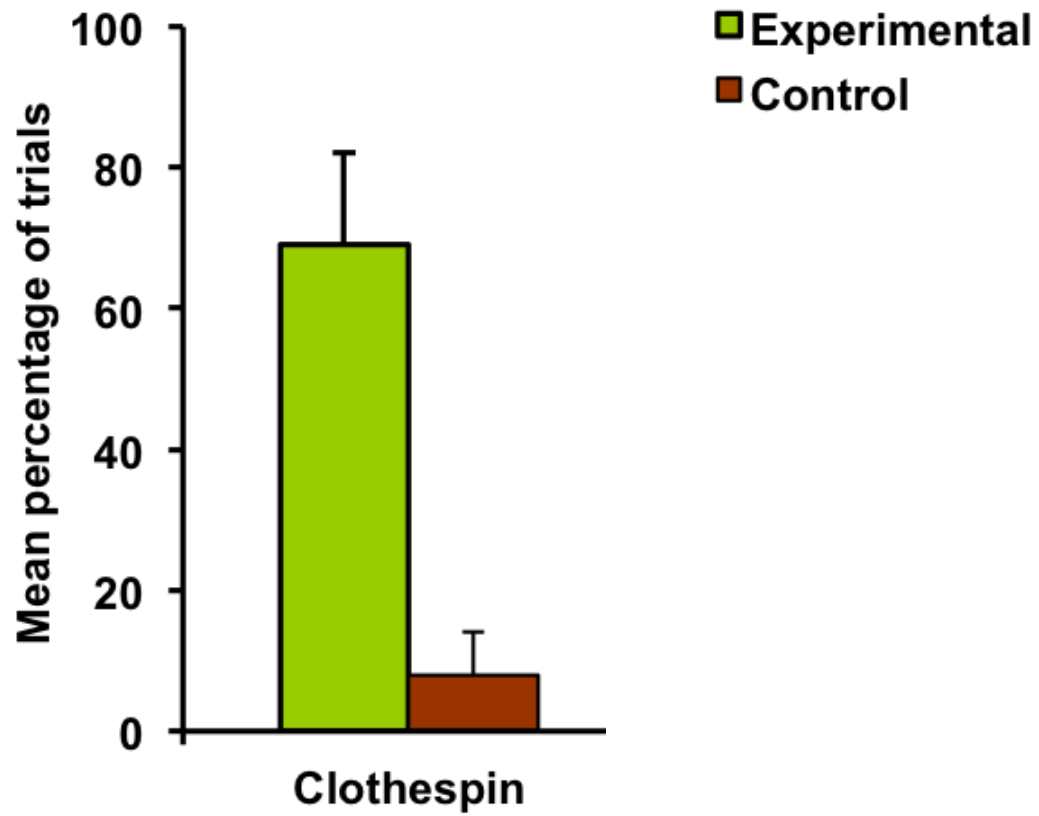


Altruism

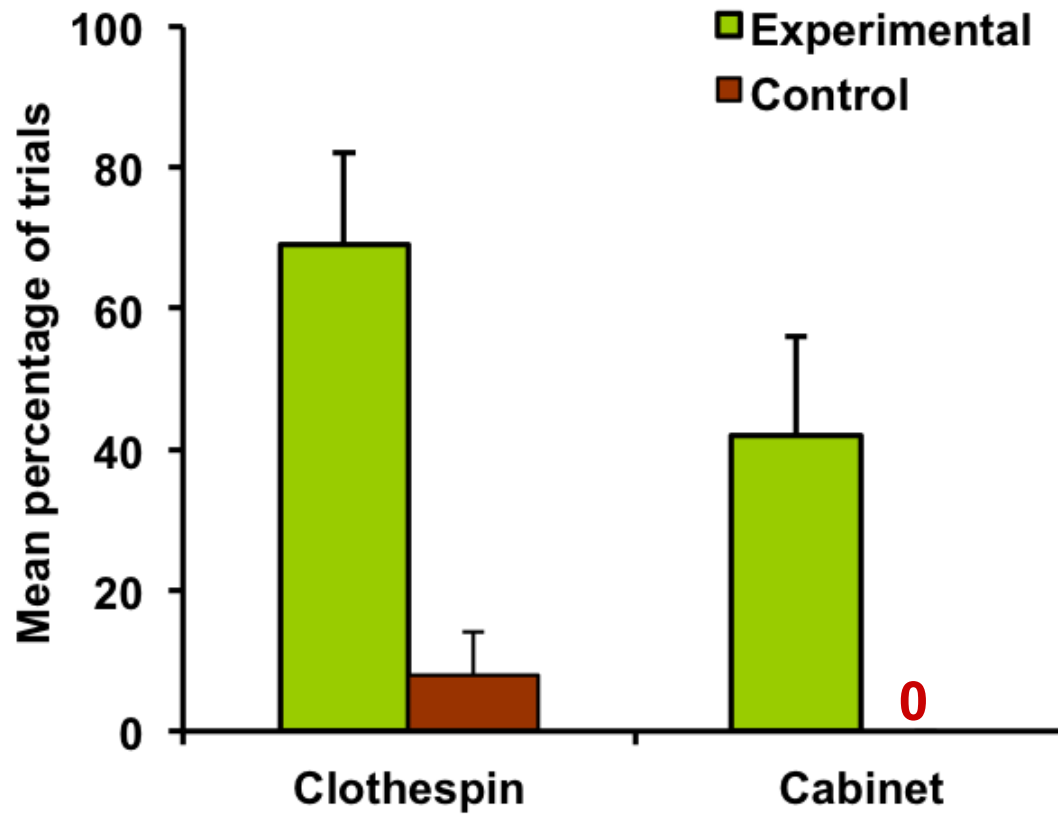


Social learning, experience, cultural norms













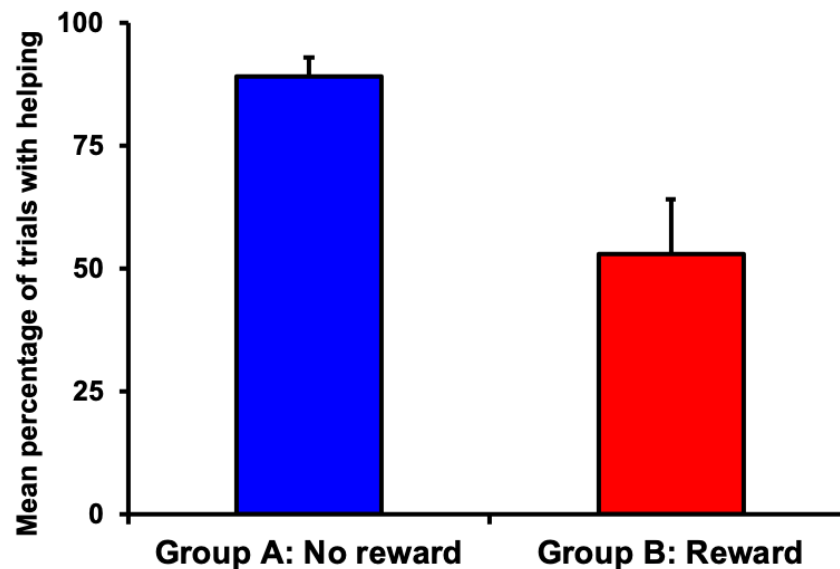
Participants: 20-month-old children

**Learning
phase**

**Group A:
No reward for helping**

**Group B:
Reward for helping**

**Test
phase**





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Canada

USA

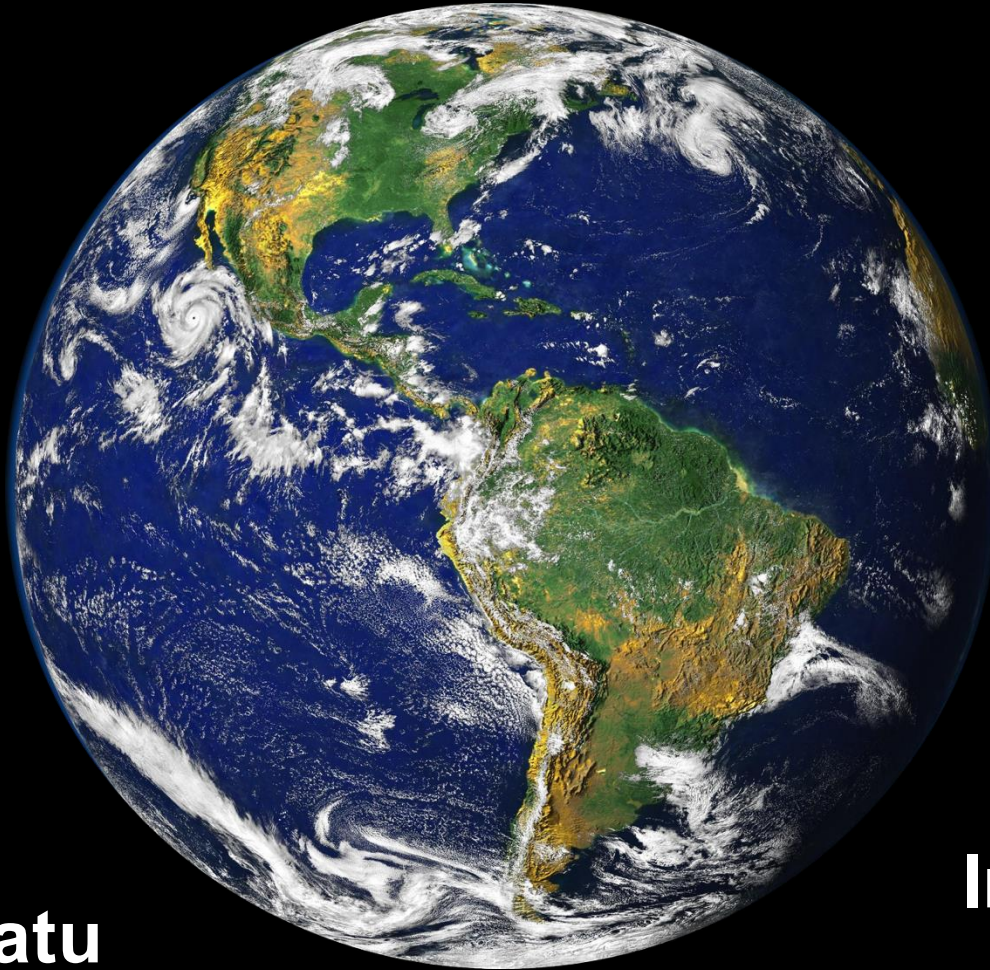
Germany

Peru

Israel

Vanuatu

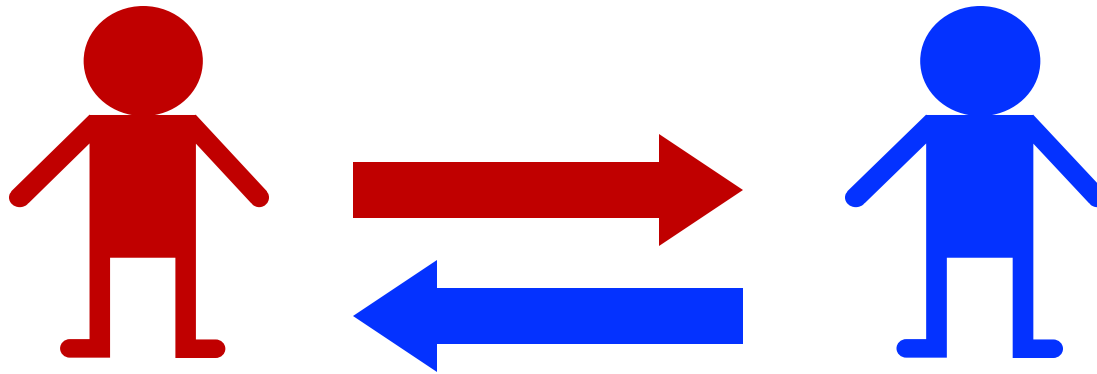
India







Reciprocity

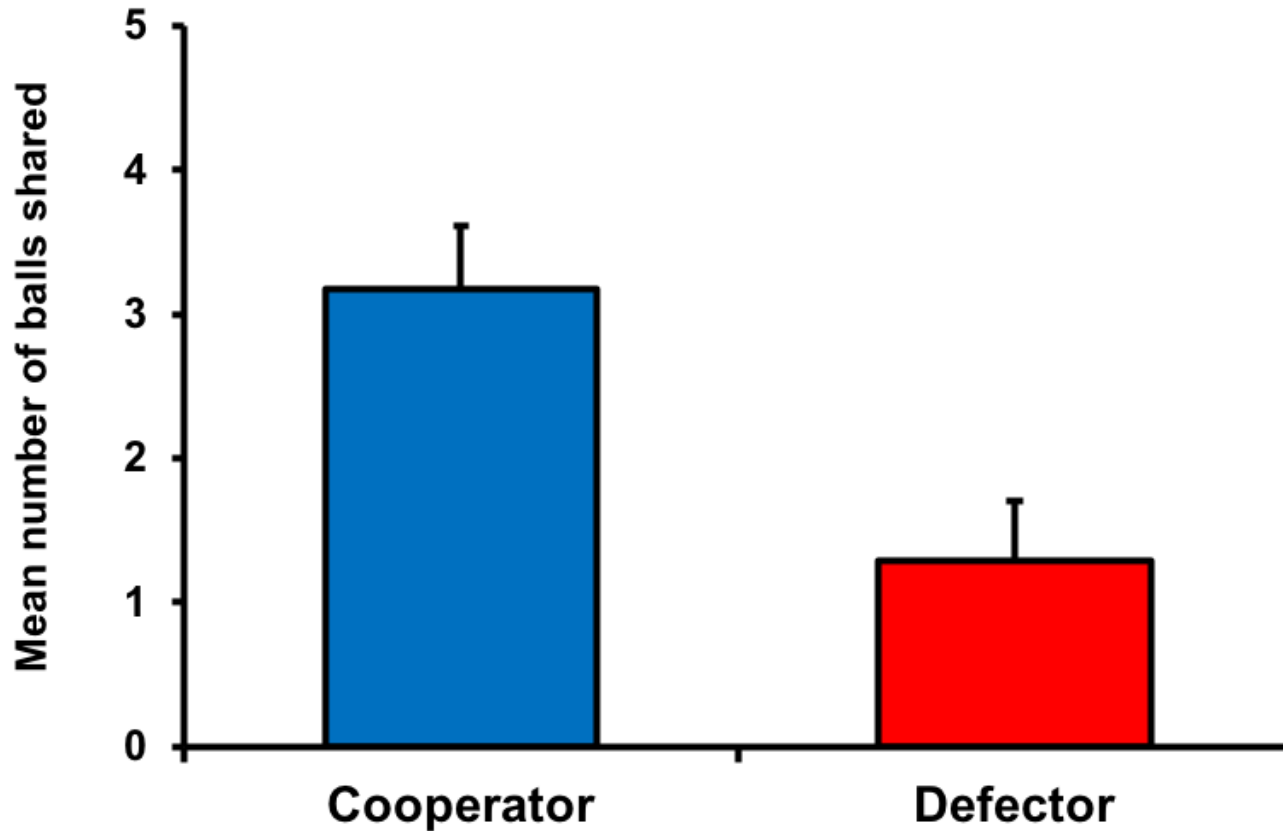


e.g. Axelrod, 1984; Trivers, 1971



2.5-year-olds: Unaffected by prior partner behavior

3.5-year-olds



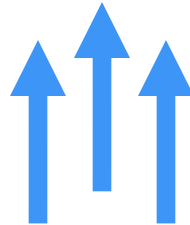
Old view



Egoism

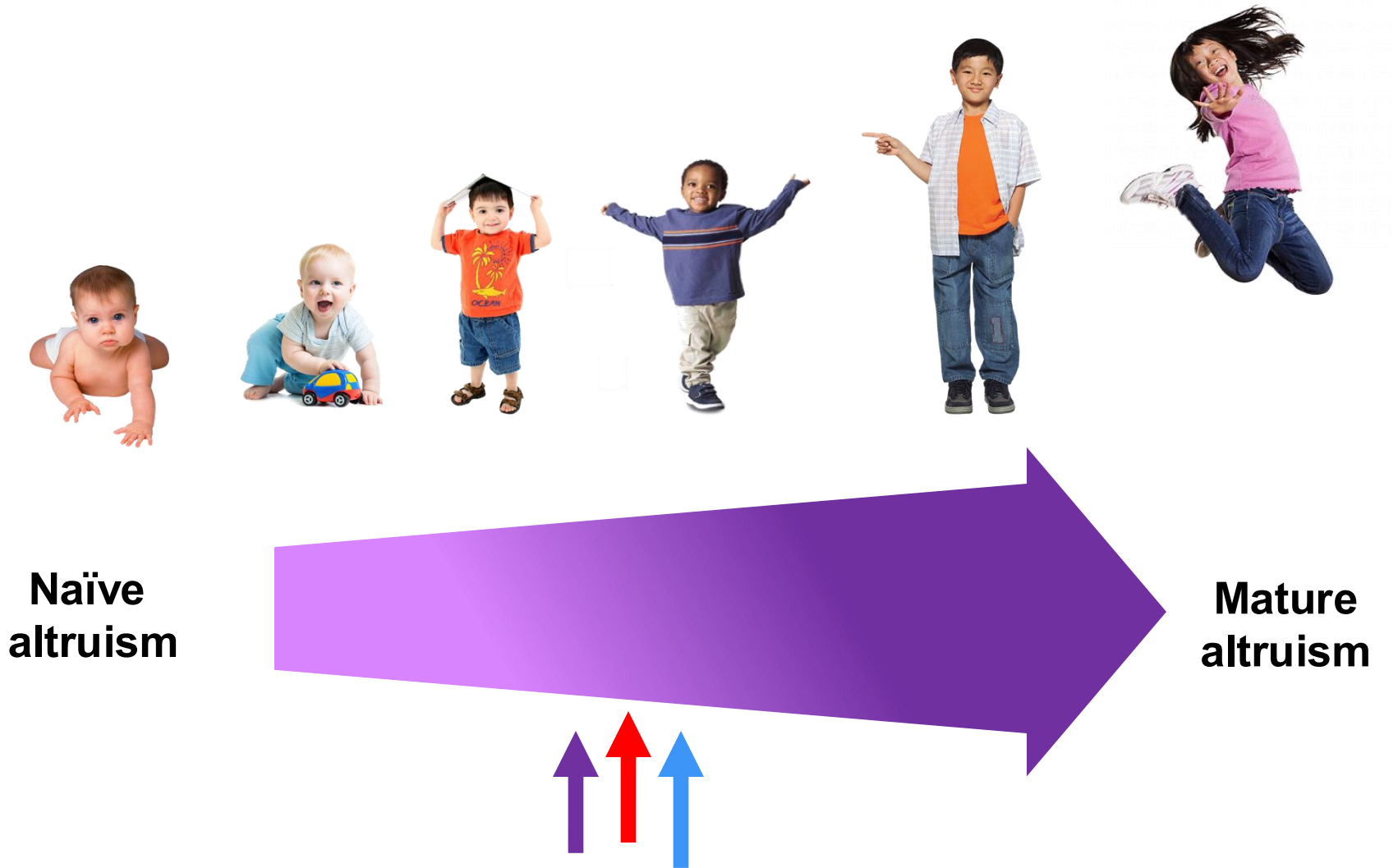


Altruism



Social learning, experience, cultural norms

New view



Social learning, experience, cultural norms



Thanks to all participating families,
collaborators and lab members

