

## Dataset Description for "The Self-Interest of Adolescents Overrides Cooperation in Social Dilemmas"

This dataset is associated with the study "*The Self-Interest of Adolescents Overrides Cooperation in Social Dilemmas*." Below is a detailed explanation of each variable:

- **subid:** A unique identifier assigned to each participant.
- **Gender:** The gender of the participant, categorized as either *female* or *male*.
- **Choice:** The participant's decision in the social dilemma task, where *1* indicates cooperation and *0* indicates defection.
- **ReactionTime:** The response time taken by the participant to make a decision, measured in milliseconds.
- **Group:** The age group of the participant, categorized into two subgroups: *adults* and *adolescents*.
- **PartnerExpectation:** A variable derived from the optimal model, representing the participant's estimated probability that their partner will cooperate in the next trial. The values range from 0 to 1, where *0* indicates a 0% probability of cooperation (completely unlikely) and *1* indicates a 100% probability of cooperation (completely likely).
- **IntrinsicReward:** A variable derived from the optimal model, indicating the intrinsic reward the participant perceives as a result of mutual cooperation. This value is computed as  $p \times OMEGA$ , with higher values reflecting a stronger perceived intrinsic reward.
- **Timing:** The number of consecutive preceding trials considered. A value of *1* represents the previous trial, *2* represents the last two consecutive trials, and *3* represents the last three consecutive trials.
- **PartnerChoice:** The decision made by the participant's partner, where *1* indicates cooperation and *0* indicates defection. When *Timing = 3* and *PartnerChoice = 1*, it means the partner has cooperated in all three consecutive trials.