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

The dataset.csv is main dataset for the study *"The Self-Interest of Adolescents Overrules Cooperation in Social Dilemmas."* Below is a detailed explanation of each variable:

- **subid**: A unique identifier assigned to each participant.
- **trialNumber**: The trial number, ranging from 2 to 120. The analysis focuses on how earlier trials influence later trials; therefore, the trial count starts at 2 instead of 1. Specifically, in the row where trialNumber = 2, the variables Timing and PartnerChoice reflect the information from trial 1.
- **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.

SubjectiveRatingScore.csv contains the subjective ratings of the partner's cooperativeness. Below is a detailed description of each variable:

- **subid** – A unique identifier assigned to each participant.
- **Group** – The age group of the participant, categorized into two subgroups: *adults* and *adolescents*.
- **Gender** – The participant's gender, coded as *1* for male and *2* for female.
- **Order** – The order of the partner's cooperation probability change: *1* indicates the probability changed from stable to volatile, while *2* indicates the reverse.

- **CooperativenessScore** – The participant's rating of the partner's cooperativeness. Every 15 rounds, participants were asked to rate their partner's cooperativeness on a 10-point scale (0 = "no cooperation", 9 = "very high cooperation"). The question was: *"How cooperative do you think your partner is at the moment?"*
- **Time** – The time point of the rating during the experiment. A total of 8 ratings were recorded, one every 15 trials. For example, *Time = 1* indicates the rating after trial 15, *Time = 2* after trial 30, and subsequently at regular 15-trial intervals.