Supplementary Online Materials: The role of affiliation in the development of collaborative partner choice

**General Demographic Information**

We did not have REB approval to ask parents to report demographic information about ethnicity for these studies. The general population demographics indicates there are individuals with European/White (70%+), African (3.8%), Arab (1.8%), Chinese (1.8%), and South Asian (1.6%) ancestry represented in the population. Parent education levels varied and included individuals with a High School degree (5.4%), Undergraduate degree (53.2%), Master’s degree (27.1%), or Doctorate degree either PhD or MD (9.9%) and other (3.1%). Family income ranged from under $40,000 (6.1%), between $40,000-100,000 (37.3%), and over $100,000 (54.1%). Participants typically had one or two siblings (70.8%), with some having 3 or more (8.5%) and others having no siblings (10.6%). The predominant language spoken both at home and at work is English. Recruitment took place between the months of February and November of 2021.

**Supporting Tables**

**Table S1.** Number of participants In Study 1 by age group, participant gender, and condition.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Interpersonal** | | **Group** | |  |
| **Age Group** | **Female** | **Male** | **Female** | **Male** | **Non-binary** |
| **4\_5** | 10 | 10 | 8 | 11 |  |
| **6\_7** | 11 | 10 | 11 | 9 | 1 |
| **8\_9** | 10 | 9 | 12 | 11 | 1 |

**Table S2.** Number of participants in Study 2 by age group and participant gender.

|  |  |  |
| --- | --- | --- |
|  |  | |
| **Age Group** | **Female** | **Male** |
| **4\_5** | 10 | 10 |
| **6\_7** | 12 | 9 |
| **8\_9** | 11 | 10 |

**Table S3.** Model Output for Study 1 and Study 1

|  | **Study 1** |  | **Study 2** |
| --- | --- | --- | --- |
| (Intercept) | -0.12 |  | 4.67\*\*\* |
|  | (0.86) |  | (1.10) |
| Gender (Male) | 0.20 |  | -1.25\*\* |
|  | (0.32) |  | (0.48) |
| Gender (Non-binary) | -1.82 |  |  |
|  | (1.17) |  |  |
| Condition (Inter) | 4.03\*\* |  |  |
|  | (1.35) |  |  |
| Age (years) | 0.14 |  | -0.44\*\* |
|  | (0.12) |  | (0.15) |
| Condition (Inter) x Age | -0.39\* |  |  |
|  | (0.20) |  |  |
| AIC | 748.98 |  | 401.63 |
| BIC | 781.26 |  | 417.30 |
| Log Likelihood | -367.49 |  | -196.81 |
| Num. obs. | 744 |  | 372 |
| Num. groups: ID | 123 |  | 62 |
| Var: ID (Intercept) | 1.67 |  | 2.05 |
| \*\*\*p < 0.001; \*\*p < 0.01; \*p < 0.05 | |  |  |

**Supporting figure**



**Figure S1.** Proportion of trials in Study 2 where the Interpersonal affiliated partner (same preference/out-group) is chosen separated by participant gender. Error bars indicate binomial confidence intervals.