

## Additional Information: Public Goods Game

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### 1) Have any data been collected for this study already?

No

### 2) What's the main question being asked or hypothesis being tested in this study?

This study adds an additional task to the 30 registered in the original pre-registration: a standard public goods game. Groups of three subjects will decide how much money to put into a public account. Their contributions will be multiplied by a number  $m$ , and the results will be divided evenly across the three subjects in the group. Subjects will keep whatever money they did not contribute. We vary  $m$  across  $[0, 0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5]$  over 11 rounds. The main research question is exactly the same as described in the original pre-registration.

### 3) Describe the key dependent variable(s) specifying how they will be measured.

We exactly follow the procedures described in the original pre-registration document. The key dependent variable is the contribution decision, input by the subject in the experimental software. We measure cognitive uncertainty about the contribution decision.

Task (objective Y/N)	Response $r$	Parameter $p$	Predicted sign of $r'(p)$	Values of $p$ (across rounds)	Dominance point	Other potential simple points
PGG (N)	Contribution	Multiplier	+	0, 0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5	0	

### 4) How many and which conditions will participants be assigned to?

There is one experimental condition. All participants will make a contribution decision for each of the parameters. We randomize the order of the parameters at the participant level.

### 5) Specify exactly which analyses you will conduct to examine the main question/hypothesis.

We exactly follow the procedures described in the original pre-registration document.

### 6) Describe exactly how outliers will be defined and handled, and your precise rule(s) for excluding observations.

We exactly follow the procedures described in the original pre-registration document.

### 7) How many observations will be collected or what will determine sample size?

No need to justify decision, but be precise about exactly how the number will be determined.

250 subjects

### 8) Anything else you would like to pre-register?

(e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)

No additional analyses.