Supplemental Information For:

Is a Rational Politics of Disaster Possible?

Making Useful Decisions for Others in an Experimental Disaster Game

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Overview of Files

The replication data here include the following files:

1. Andrews_Delton_Kline_replication.do: Do-file for conducting all analyses in the paper
2. Study_1.dta: Data from Study 1
3. Study_2_and_3.dta: Data from Studies 2 and 3, including only conditions in Study 2 discussed in the main text.
4. Study_2.dta: All data from Study 2, including additional comprehension question data.
5. Study_3.dta: All data from Study 3, including additional comprehension question data.
6. Interrupted_reg_data.csv: Data necessary to conduct interrupted regression analyses for Study 1
7. Study1_interrupted_regression.R: R code necessary to conduct the interrupted regression for Study 1.

For additional question wording, please consult the online appendix for this paper.

Demographic and Individual Difference Measures

All .dta files include the following demographic and individual difference measures for each respondent.

age: What is your age? [text box]

gender: What is your gender?
1. Male
2. Female
3. Other

race: What racial or ethnic group best describes you?
1. Asian
2. Black
3. Hispanic-Latino
4. Native American
5. White
6. Other: [text box]

race_6_text: If the respondent selected other on the race question, this variable will include what the respondent wrote in the "Other" text box.

educ: Please indicate the highest level of education completed.
1. Elementary school
2. High school or equivalent
3. Vocational/Technical school (2 year)
4. Some college
5. College Graduate (4 year)
6. Master's degree (MS)
7. Doctoral degree (PhD)
8. Professional degree (MD, JD, etc.)
9. Other

income: Please indicate your current household income in U.S. dollars.
1. Rather not say
2. Under $10,000
3. $10,000-$19,999
4. $20,000-$29,999
5. $30,000-$49,999
6. $50,000-$74,999
7. $75,000-$99,999
8. $100,000-$150,000
9. Over $150,000

idlgy: We hear a lot of talk these days about liberals and conservatives. Here is a 7-point scale on which the political views people might hold are arranged. Where would you place yourself on this scale?

1. Very liberal
2. Somewhat liberal
3. Slightly liberal
4. Neither liberal nor conservative
5. Slightly conservative
6. Somewhat conservative
7. Very conservative

pid7: *This variable is a composite of two questions, the first asking respondents about how they identify, and then asking them either the strength of their partisanship or the direction they lean if they indicated they were an independent. The variable is coded as follows:*

0. Strong democrat
1. Weak democrat
2. Leans democrat
3. Independent/other
4. Leans republican
5. Weak republican
6. Strong republican

risk: Respondent risk propensity measured using the Eckel-Grossman risk task. Higher values indicate more risk seeking, while lower values indicate a respondent is more risk averse.

Study 1

The following variables are specific to Study 1. Please consult the appendix for the manuscript for full experiment instructions.

threshold: The cost of meeting the threshold in tokens

thresholdsq: The threshold squared.

threshold0to1: The cost of meeting the threshold in tokens, rescaled from 0-1.

Thresholdsqared0to1: The threshold squared, replaced from 0-1.

gamble: Whether the subject made a risky contribution.

0. No risky contribution
1. Risky contribution

certain: Whether the subject made a certain contribution.

0. No certain contribution
1. Certain contribution

defect: Whether the subject defected.

0. No defection
1. Defection

comp_1: Comprehension question 1 is correct.

0. Incorrect
1. Correct

compa_2: Comprehension question 2 is correct.

0. Incorrect
1. Correct

compa_3: Comprehension question 3 is correct.

0. Incorrect
1. Correct

compa_4: Comprehension question 4 is correct.

0. Incorrect
1. Correct

comp_score: Respondent total score on the comprehension questions.

Study 2

The following variables are specific to Study 2. Please consult the appendix for the manuscript for full experiment instructions.

threshold: The cost of meeting the threshold in tokens.

own: Own group risk of disaster (in percent).

other: Beneficiary group risk of disaster (in percent).

own01: Own group risk of disaster rescaled from 0-1.

other01: Beneficiary group risk of disaster rescaled from 0-1.

met_other: Met threshold for beneficiary group.

0. Did not meet
1. Met threshold

own_met: Own threshold met by beneficiary group.

0. Did not meet
1. Met threshold

gamble: Whether the subject made a risky contribution before the opportunity to buy information.

0. No risky contribution
1. Risky contribution

certain: Whether the subject made a certain contribution before the opportunity to buy information.

0. No certain contribution
1. Certain contribution

defect: Whether the subject defected before the opportunity to buy information.

0. No defection
1. Defection

buyinfo: Whether a respondent purchased information.

0. Did not buy information
1. Bought information

post_gamble: Whether the subject made a risky contribution after the purchased information.

0. No risky contribution
1. Risky contribution

post_certain: Whether the subject made a certain contribution after they purchased information.

0. No certain contribution
1. Certain contribution

real_gamble: Whether the subject made a risky contribution after the opportunity to buy information, whether or not they bought information.

0. No risky contribution
1. Risky contribution

real_certain: Whether the subject made a certain contribution after the opportunity to buy information, whether or not they bought information.

0. No certain contribution
1. Certain contribution

real_defect: Whether the subject defected after the opportunity to buy information, whether or not they bought information.

0. No defection
1. Defection

comp1: Comprehension question 1 is correct.

0. Incorrect
1. Correct

comp2: Comprehension question 2 is correct.

0. Incorrect
1. Correct

comp3: Comprehension question 3 is correct.

0. Incorrect
1. Correct

comp4: Comprehension question 4 is correct.

0. Incorrect
1. Correct

comp_score: Respondent total score on the comprehension questions.

Study 3

The following variables are specific to Study 3. Please consult the appendix for the manuscript for full experiment instructions.

threshold: The cost of meeting the threshold in tokens.

threshold0to1: The cost of meeting the threshold in tokens, rescaled from 0-1.

thresholdmet: Whether the group successfully met the threshold for their beneficiary group.

0. Did not meet
1. Met threshold

gamble: Whether the subject made a risky contribution before the opportunity to buy information.

0. No risky contribution
1. Risky contribution

certain: Whether the subject made a certain contribution before the opportunity to buy information.

0. No certain contribution
1. Certain contribution

defect: Whether the subject defected before the opportunity to buy information.

0. No defection
1. Defection

buyinfo: Whether a respondent purchased information.

0. Did not buy information
1. Bought information

post_gamble: Whether the subject made a risky contribution after the purchased information.

0. No risky contribution
1. Risky contribution

post_certain: Whether the subject made a certain contribution after they purchased information.

0. No certain contribution
1. Certain contribution

post_defect: Whether the subject defected after they purchased information.

0. No defection
1. Defection

real_gamble: Whether the subject made a risky contribution after the opportunity to buy information, whether or not they bought information.

0. No risky contribution
1. Risky contribution

real_certain: Whether the subject made a certain contribution after the opportunity to buy information, whether or not they bought information.

0. No certain contribution
1. Certain contribution

real_defect: Whether the subject defected after the opportunity to buy information, whether or not they bought information.

0. No defection
1. Defection

comp_1: Comprehension question 1 is correct.

0. Incorrect
1. Correct

compa_2: Comprehension question 2 is correct.

0. Incorrect
1. Correct

compa_3: Comprehension question 3 is correct.

0. Incorrect
1. Correct

compa_4: Comprehension question 4 is correct.

0. Incorrect
1. Correct

comp_score: Respondent total score on the comprehension questions.

Study 2 and 3

Data file includes results from both Studies 2 and 3. It only includes results from the conditions in Study 2 reported in the main text.

threshold: The cost of meeting the threshold in tokens.

threshold0to1: The cost of meeting the threshold in tokens, rescaled from 0-1.

subgroup: Which sample respondents were in.

1. MTurk, 90% own risk & 90% beneficiary group risk
2. MTurk, 10% own risk & 10% beneficiary group risk
3. Lab sample

comp_score: Respondent total score on the comprehension questions.

gamble: Whether the subject made a risky contribution before the opportunity to buy information.

0. No risky contribution
1. Risky contribution

certain: Whether the subject made a certain contribution before the opportunity to buy information.

0. No certain contribution
1. Certain contribution

defect: Whether the subject defected before the opportunity to buy information.

0. No defection
1. Defection

buyinfo: Whether a respondent purchased information.

0. Did not buy information
1. Bought information

post_certain: Whether the subject made a certain contribution after they purchased information.

0. No certain contribution
1. Certain contribution

post_defect: Whether the subject defected after they purchased information.

0. No defection
1. Defection

real_gamble: Whether the subject made a risky contribution after the opportunity to buy information, whether or not they bought information.

0. No risky contribution
1. Risky contribution

real_certain: Whether the subject made a certain contribution after the opportunity to buy information, whether or not they bought information.

0. No certain contribution
1. Certain contribution

real_defect: Whether the subject defected after the opportunity to buy information, whether or not they bought information.

0. No defection
1. Defection