All by myself - preregistration 08-2019 (#26774)

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1) Have any data been collected for this study already?
No, no data have been collected for this study yet.

2) What's the main question being asked or hypothesis being tested in this study?
1. Participants confronted with an empirical norm-nudge (Norm-high and Norm-transparent) will invest more in damage-reducing measures than participants in the Control treatment.
2. Participants in the Norm-transparent treatment have higher trust in the norm-nudge message than participants in the Norm-high treatment, and are hence more likely to follow the majority of the highlighted responses and invest a positive amount.
3. Participants in the Norm-focusing treatment will invest most in damage-reducing measures.
4. The effect of the empirical norm-nudge messages is higher for participants who score higher susceptibility to peer influence.
5. The effect of an empirical norm-nudge is larger for individuals with high collectivism scores on the individualism-collectivism scale.
6. High perceived self-responsibility for taking flood damage mitigation measures is positively related with investments in flood damage mitigation measures.

3) Describe the key dependent variable(s) specifying how they will be measured.
Investments in the final scenario of the investment game. Answer options: 0 ECU, 1000 ECU, 5000 ECU, 10.000 ECU, 15.000 ECU. We will measure second order beliefs in the Control and Norm-focusing conditions, which may be analyzed in a separate analysis.

4) How many and which conditions will participants be assigned to?
Four conditions: Control, Norm-transparent, Norm-high, Norm-focusing. Between subject design, randomization by oTree software.

5) Specify exactly which analyses you will conduct to examine the main question/hypothesis.
We will compare investments across conditions with (1) non-parametric Mann Whitney Wilcoxon test (2) ordered probit regressions with moderators trust in norm message, susceptibility to peer influence (independece), individualism and self-responsibility and beliefs. Answers to other survey items will be used as control variables (sociodemographics, flood risk perception, damage reducing measures taken in current home, etc).

6) Describe exactly how outliers will be defined and handled, and your precise rule(s) for excluding observations.
We will exclude participants in the lowest 2.5% of the time distribution.

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.
We aim for 300 responses per condition.

8) Anything else you would like to pre-register? (e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)
We will collect data in the Netherlands and in Spain. We will run all conditions in the Netherlands. In Spain, we will run two (control + one) or three conditions (control + two), due to budget constraints. We will decide which conditions to run in Spain based on preliminary analysis of the Dutch data (probably largest effect size).