

# Additional Information: Study with Numerical Statements

## Author(s)

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### Submission

#### 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 is an additional mechanism experiment that tests the role of adding numerical statements for the level and the reliability to the qualitative forecasts. Specifically, we test whether the distortions induced by transmission are larger for content about the reliability of a message than content about the level of a variable after both are expressed not only in qualitative terms but also using a numerical statement.

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

We exactly follow the procedures described in the “Study with Incentives Based on Belief Movement”, see the corresponding pre-analysis document.

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

We exactly follow the procedures described in the “Study with Incentives Based on Belief Movement” except for the following change. We add numbers to the original messages to indicate the level and reliability of a forecast. Specifically:

- High level of revenue growth: 8%
- Low level of revenue growth: -8%
- High level of home price growth: 10%
- Low level of home price growth: -10%
- High reliability (in both applications): 90%
  - Low reliability (in both applications): 10%

We exclude the “neutral reliability” conditions.

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

We exactly follow the procedures described in the “Study with Incentives Based on Belief Movement”, see the corresponding pre-analysis document. Our focus will be on the analysis of differential information loss using beliefs about the original speaker’s level and reliability.

#### 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 “Study with Incentives Based on Belief Movement”, see the corresponding pre-analysis 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.**

In the transmitter experiment, we plan to collect 200 completes.

In the listener experiment, we plan to collect 800 respondents.

**8) Anything else you would like to pre-register?**  
**(e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)**

No additional analyses.