

N&N Japanese and English 01/19 (#18910)

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Created: 01/24/2019 12:59 PM (PT)

Public: 09/09/2019 08:19 AM (PT)

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?

In both English and Japanese, when naming familiar couples, participants' choice of the order of names will depend most significantly on the feeling of closeness to each member of the couple. We predict the person who the participant feels closer to will be named first.

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

The dependent variable will be the order of names of each of couple named. Participants will answer multiple choice questions related to their feeling of closeness to each member of the couple, the gender of each member of the couple, and the participants' own gender. We will also ask whether either member of the couple is related to the participant although this is not included in the main analyses below. We will count the length of each name by counting the syllable for English names and morae for Japanese names.

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

No conditions.

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

The names of couples and the answers to questions will be coded with respect to alphabetical order following the precedent from Benor & Levy 2006 and Morgan & Levy 2016. As our main analysis we will use a mixed effects model with alphabetical order as our outcome and closeness, gender, and length as fixed effects. Subjects will be treated as a random intercept. Japanese and English data will be analyzed separately. To investigate the effect size of each of the factors, we will perform a take-one-out method in which we compare the full model to a model where each of the fixed effects are left out to see if inclusion of that factor significantly improves the model. As an additional analysis to investigate the effect of language on closeness, we will run a model, again with alphabetical order as our outcome, gender and length as independent fixed effects, and subject as random intercepts. In this model, closeness and language will be analyzed as interacting fixed effects.

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

We will exclude couples in which proper names were not provided for each member of the couple (e.g., sister and husband; my mom and dad).

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 will collect data from 90 participants, each providing names of 3 couples.

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

Nothing else to pre-register.