![LMU Ludwig-Maximilians-Universität München logo]

1. Which software did you use for the processing of the recordings and extraction of acoustic measurements?

Please indicate all pieces of software that where used for processing the recordings/extracting acoustic measures, and specify what was accomplished with each. For example: "Filtering of the recordings was done using the Matlab signal processing toolbox, while the extraction of acoustic measurements (f0, duration, formants, CoG) was accomplished with Praat."

2. Which software did you use for the analytical/statistical analyses?

Please indicate all pieces of software that where used for the analytical/statistical analyses, and specify what was accomplished with each.

3. Which analytical/statistical technique(s) did you employ to answer the research question?

Please, indicate the name of the techniques and describe specific details if necessary. For example, "We run Bayesian mixed-effects models using a Gaussian likelihood as the distribution of the outcome variable". Details about variables and parameters will be asked in later questions.

4. To answer the research question, which variable(s) did you choose as the outcome variable(s) (dependent or latent variable), and what was the rationale behind the choice?

If the analysis included multiple outcome variables, specify all of them and the rationale behind choosing each.

5. To answer the research question, which variable(s) did you choose as the independent variable(s) (predictors), and what was the rationale behind the choice?

If the analysis included multiple independent variables, specify all of them and the rationale behind choosing each.

6. How did you operationalised your outcome and dependent variables?

For example, if you choose f0 as a variable, specify from which speech domain it was extracted (for example: the phrase, the word, the syllable, the vowel, etc.), whether you extracted a summary statistic over a larger domain or a concrete value at a specific or relative point in time. For categorical variables (like age, gender, etc.), specify the levels/categories, how they are operationalised and the rationale behind the categorisation.

7. What transformation (if any) were applied to the variables?

Please, be as specific as possible by indicating for each variable that has been transformed the name of the variable as found in the dataset and the formula/operation that has been applied to it.

8. Where any observations excluded? If so, which criteria did you follow for the exclusion?

9. What criteria did you use to decide on an answer to the research question?

For example, the decision could have been based on p-values for particular predictors and/or interactions, on Bayesian posterior distributions, or confidence/credible intervals, etc...

> [   ]

10. What is the size of the effect for the research question?

Please, specify the magnitude and direction of the effect size, along with the 95% confidence (or credible) interval in the following format: estimate [low interval, high interval].

> [   ]

11. What unit is your effect size in?

> [   ]

12. Often we do not anticipate possible road blocks during our analyses. Did you encounter scenarios in which you had to revise an earlier analytical decision at a later stage, e.g. change a measurement after you have statistically analyzed (parts of) the data? If so, please briefly describe the situation.

> [   ]

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Thank you for completing this questionnaire!

We would like to thank you very much for helping us.

Your answers were transmitted, you may close the browser window or tab now.

Dr. Stefano Coretta – 2020