

11th December 2024

Dear Professor Buchanan,

Please find attached an original research submission entitled “*SocioLex-CZ: Normative estimates for socio-semantic dimensions of meaning for 2,999 words and 1,000 images*”, co-authored by Mikuláš Preininger, James Brand, Adam Kříž and Markéta Ceháková.

This paper presents the first large-scale set of semantic norms that focus on socially salient dimensions of meaning, specifically the extent to which words and images are associated to scales of gender, location, political alignment, valence and age. Along with the manuscript, we make available all our data, analysis scripts and include an interactive Shiny app to make the resources more accessible to a wide range of researchers. We believe this manuscript and the associated materials are a novel and valuable contribution to the behavioural and cognitive sciences and that Behaviour Research Methods is the ideal outlet for the work.

In the manuscript, we provide detailed information on the methods, pre-processing and filtering of the data, along with a range of summary variables for 2,999 words (Experiment 1) and 1,000 images (Experiment 2). The norms are then analysed and validated through reliability measures, correlations between the variables and stimuli types, as well as cross-linguistic comparisons to previously published datasets.

All data, analyses and scripts will be made publicly available following publication, with a view only link available for reviewers at:

https://osf.io/pv9md/?view_only=ccbd13b7afb141628b51e0d0a83f9037

All research involving human participants has been carried out with appropriate ethical considerations and clearance from relevant ethical review panels. This work represents primary scientific research and is not under consideration for publication elsewhere. Its submission is approved by all authors.

We thank you for considering this paper and we look forward to hearing from you in due course.

Yours sincerely,

James Brand and colleagues.

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