



Reproducibility Report

Information about project

Article Title: _____

DOI: _____

Authors: _____

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Information about reproducer

Name: _____

Computing environment: _____

Instructions:

Please check all requirements, rate how each requirement is met and specify what is missing, if necessary:

a) **For the reproduction of the authors' figures and results (requirements 1.2., 1.3., 1.4) use the following rating system:**

- Green: Perfect reproducibility (no differences/errors at all)
- Yellow: Inconsequential errors (slight differences/errors, but they would not change the general interpretation of the results*)
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- Unclear: totally unsure what to choose here, e.g. because it is unclear whether differences are inconsequential or gross errors
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* interpretation according to authors' own threshold, e.g. p-value changed to ≥ 0.05 instead of < 0.05 and 0.05 was the chosen significance level

b) **For all other requirements use the following rating system:**

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Please complete the verification report (signature, name) on the end of this document to confirm that you have tried to reproduce the computational steps of the paper and filled out this document independently from the authors (no help/communication about how to reproduce analyses). This verification report might be used in published manuscript to describe your independent reproducibility test.

	Requirement	What is missing or could not be reproduced?	Rating
0.	Manageable downloading process (e.g. all data and scripts can be easily found in a single place)		
1.	Code check		
1.1.	All scripts run without any errors	<i>Make a note of the errors and the scripts which produced them!</i>	



1.2.	All tables from manuscript could be reproduced	<i>Make a note here and SAVE file (screen-shot/jpg) if any table looks different!</i>	
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1.4.	All in-text-numbers from manuscript could be reproduced	<i>Make a note of the numbers here if any in-text-number is different!</i>	
1.5.	Codes or README identify which tables, figures and in-text numbers are produced by what program		
1.6.	All scripts are named in a reasonable way so you can infer what they are about and when they should be run (e.g. "1_Preprocessing")		
1.7.	Project contains a "master" file (sometimes called "MAKE") which calls all other scripts and programs		
1.8.	All code within scripts is described understandably (e.g. comments in R like "Import data", "Removal of outliers", "Estimate parameter XY")		



2.	ReadMe (TEMPLATE available at https://social-science-data-editors.github.io/guidance/template-README.html)		
2.1.	Meta-data of the project (e.g. name of the paper, authors, date)		
2.2.	Overview of all files (data, scripts) including their source and availability		
2.3.	Sufficient instructions for necessary steps to reproduce the analysis (description of code/programs)		
2.4.	Computational requirements are described correctly (e.g. software like R version, set.seed necessary (see https://r-coder.com/set-seed-r/) , memory and runtime requirements).		
3.	Data check		
3.1.	Meta-Data (e.g. collection dates, data type, data source, geographic coverage)		
3.2.	Data source (e.g. link provided in paper)		
3.3.	Codebooks for all raw data (data necessary to reproduce analysis)		
3.4.	Summary statistics for all raw data		
3.5.	Data citation (should be provided <i>within the paper</i> if external data are used or <i>within ReadMe/paper/project folder</i> to reuse data if they were produced within the same project)		
3.6.	All Data are in archive-ready formats (.csv) and can be read		
3.7.	All Data have variable labels		
3.8.	All Data are anonymized <u>sufficiently</u>		



Additional Comments:

Verification report:

This verification attempt was independently conducted by _____.

Place, date

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