***eLife’s* transparent reporting form**

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* You should state whether an appropriate sample size was computed when the study was being designed
* You should state the statistical method of sample size computation and any required assumptions
* If no explicit power analysis was used, you should describe how you decided what sample (replicate) size (number) to use

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Information about sample size selection can be found in the Materials and Methods section, under ‘Participants’

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* You should report how often each experiment was performed
* You should include a definition of biological versus technical replication
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* Criteria for exclusion/inclusion of data should be clearly stated
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* Statistical analysis methods should be described and justified
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* For each experiment, you should identify the statistical tests used, exact values of N, definitions of center, methods of multiple test correction, and dispersion and precision measures (e.g., mean, median, SD, SEM, confidence intervals; and, for the major substantive results, a measure of effect size (e.g., Pearson's r, Cohen's d)
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Information about statistical inference results can be found in the Results section

Individual subject data can be found in Figure 2

(For large datasets, or papers with a very large number of statistical tests, you may upload a single table file with tests, Ns, etc., with reference to sections in the manuscript.)

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* Indicate how samples were allocated into experimental groups (in the case of clinical studies, please specify allocation to treatment method); if randomization was used, please also state if restricted randomization was applied
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As the study involves clinical populations, raw data files are protected under HIPAA and therefore cannot be uploaded to a public repository. This special case mandates that data would only be provided in personal communication upon request