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Experimental data was used to validate proposed models and methods, but we do not make empirical claims that require statistical power analysis.

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* Report exact p-values wherever possible alongside the summary statistics and 95% confidence intervals. These should be reported for all key questions and not only when the p-value is less than 0.05.

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In Tables 2 and 3, Figure 5, and the relevant figures in the Appendices, we use 10-fold cross-validation to validate our models. The details of the cross-validation are explained in the figure captions, and the model fitting procedures are explained in Materials and Methods.

(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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Upon acceptance of our article for publication, we will make all source data available on the first author’s git repository (<https://gitlab.com/sacha-sokoloski>). Source files include the manuscript source (latex files, figure source data, figure generation scripts), experimental and synthetic data files (for all figures), and all the code used to apply our model (data analysis scripts, model libraries, as well as instructions for installation and application).