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* You should state whether an appropriate sample size was computed when the study was being designed
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Simulations summarized in Figure 8 were repeated 10 times, and this information is given in the caption of the figure.

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* Statistical analysis methods should be described and justified
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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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* Include model definition files including the full list of parameters used
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Please indicate the figures or tables for which source data files have been provided:

For Figures 3C, 4B, 7, 8, 11, Matlab codes have been provided that generated these figures. It is stated at the start of the Methods section that all codes are available at MRC Brain Network Dynamics Unit Data Sharing Platform (<https://data.mrc.ox.ac.uk/data-set/simulations-action-inference>).

These codes include Matlab functions with names corresponding to the figures, e.g. Figure11.m