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We have investigated the dynamics of a deterministic model of the visual microcircuit. Therefore there was no need for statistical analysis.

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We only used numerical simulations in this study and did not perform biological experiments.

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* We encourage you to upload relevant additional data files, such as numerical data that are represented as a graph in a figure, or as a summary table
* Where provided, these should be in the most useful format, and they can be uploaded as “Source data” files linked to a main figure or table
* Include model definition files including the full list of parameters used
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The connectivity matrix of the microcircuit used for the simulations can be found in the Supplementary Table 4. Model definition and parameters are provided in the section ‘population activity model’ of the Methods section and Supplementary Table 5. The Matlab code of the model can be found at the end of the Supplementary Material