A neural circuit mechanism for context-dependent selection via population dynamics
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**Context-dependent decision-making**

1) Large RNNs might be embedding an interpretable latent circuit whose nodes represent the task variables

2) Selection vector mechanism is present in a small interpretable circuit

3) Context-dependent changes of selection vector could arise from suppression of irrelevant information

We conclude that selection vector mechanism is compatible with the suppression mechanism

- We show that the abstract concept of “selection vector” (Mante et al., 2013) is linked to the structural connectivity
- Context-dependent changes of selection vector are congruent with changes in the effective connectivity