



# An Introduction to Cognitive Neuroscience

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Deadline: 1 Khordad

## I. QUESTION

1. In this assignment, first read the two articles: '[Implicit Counterfactual Effect in Partial Feedback Reinforcement Learning: Behavioral and Modeling Approach](#)' and '[Behavioral contagion during learning about another agent's risk-preferences acts on the neural representation of decision-risk](#)'. Then, implement the task paradigm of these articles to the PsychoPy.

## II. SUBMISSION

For the coding section, students are encouraged to utilize PsychoPy exclusively, without employing PsychToolBox. They have the flexibility to choose between PsychoPy Builder and Coder interfaces. All materials should be consolidated into a single .zip file, including runnable components.