

# VisuoMotor Adaptation

cemnl-cMap lab, Department of Psychological and Brain Sciences, UMass Amherst

February 14, 2019

## 1. What is this study?

In this study, we're looking at the mechanisms underlying adaptation to situations that "deviate from the norm". You will be asked to do a simple mouse "click-and-move" task as described below. Please note that this experiment might get boring and in order to address that, you'll be given periodic self-paced breaks. That is, you are free to continue this study at your convenience after the break. Depending on the length of breaks you take, this study might take up to 1.5 hours to complete.

## 2. General Task Instructions.

The experiment starts by asking you to press any key on the keyboard. A fixation circle will appear at the center of the screen and you are required to keep your eyes on that circle.

Whenever you are ready to proceed, you need to click the left mouse button. On clicking, a red square will appear at a pre-decided location on the screen. Please wait for a little while for the square to turn green.

**Once the square turns green, Your task is to click and drag the center circle (on which you focused your eyes) to that square box and release the mouse button to drop it in the square.**

Please make sure to do this task as fast as possible. **That is, please try to drag the mouse cursor from the center to the square as fast as possible.** You will be shown a score after specific set of trials indicating how fast you have been. You can always increase that score by doing the task faster.

During the task, you will be given periodic breaks. You are free to continue the experiment whenever you're ready after the break.