Task Instructions

# General Overview

In this experiment, you will make a series of choices. Each choice will be between two options represented by two Greek letters (e.g., α and β). Either option may yield a reward (represented as a $1 bill) or no reward ($0 dollar bill), and the reward probability associated with each option change slowly over time. Your goal is to collect as many $1 bills as possible!

# Collecting Dollar Bills

To win rewards today, you need to figure out whether you have higher chance to win reward when you choose one letter or the other. **Sometimes one letter (**α**) will be more valuable, and sometimes the other will be more valuable (**β**). This will change slowly over time.** So, if you make random choices or if you don’t pay attention to the outcomes of your choices, you won’t collect many rewards*.* Your best strategy is to choose the option that you think will more likely give you the reward at that time.

Each trial of the task is broken into distinct phases. You start by making a choice, and then you wait for a few seconds before the feedbacks are shown to you.

*Please ask the experimenter if you have any questions! And please remember to keep your legs and head very still throughout the scanning session! Even a little bit of movement will degrade the images of your brain.*