

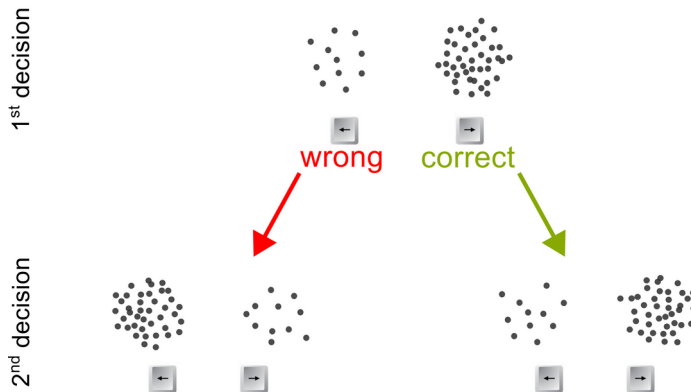
Welcome to our study! You will be participating in a dual-decision task experiment. Please read the following instructions carefully to understand how the tasks work and what is expected of you.

### **Overview of the Tasks**

In this study, you will complete two different *dual-decision* tasks. This means that in each trial, you will make a sequence of 2 forced-choice decisions. Importantly, the correctness of your first decision will influence which answer will be correct in the second decision (please read below for more details).

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### **Task 1: Dot Clouds Comparison**



- **Choice task:** Determine which of two clouds of black dots has a higher number of dots.
- **Stimulus display & response:** There will be one cloud on the right side of the fixation point and one on the left. (The clouds will be presented only briefly, then disappear.) Use the left/right arrow keys to respond.

### **Instructions:**

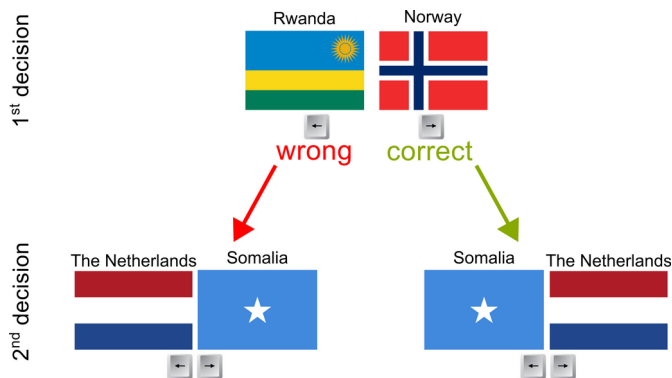
- **Decision 1:** Compare the two clouds and decide which one has more dots.
- **Decision 2:** Compare the second pair of clouds, keeping in mind that:
  - *If your first decision was correct*, the cloud with more dots will be on the right side (under the green dot).
  - *If your first decision was incorrect*, the cloud with more dots will be on the left side (under the red dot).

### **Notes:**

- Estimate your confidence in being correct. Use this confidence to guide your expectations about the stimuli presented in Decision 2.
- The number "1" or "2" above the fixation point indicates which decision you are making.
- Two grey dots will be on top of each stimulus in Decision 1. In Decision 2, the dots will be coloured red and green. The green dot indicates the correct side if your first decision was correct.

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## Task 2: GDP Comparison



- **Choice task:** Determine which of two countries has a higher GDP per capita.
- **Stimulus display & response:** There will be two flags and country names presented. Use the left/right arrow keys to respond.

### Instructions:

- **Decision 1:** Compare the two countries and decide which one has a higher GDP per capita.
- **Decision 2:** Compare the second pair of countries, keeping in mind that:
  - *If your first decision was correct* (based on latest GDP data available for each country), the country with higher GDP per capita will be on the right side (under the green dot).
  - *If your first decision was incorrect*, the country with higher GDP per capita will be on the left side (under the red dot).

### Notes:

- Estimate your confidence in being correct. Use this confidence to guide your expectations about the stimuli presented in Decision 2.
- The number "1" or "2" above the fixation point indicates which decision you are making.
- Two grey dots will be on top of each stimulus in Decision 1. In Decision 2, the dots will be coloured red and green. The green dot indicates the correct side if your first decision was correct.

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### Practical information & rewards

- Each task should take about half an hour.
- You will be prompted to take breaks throughout the experiment.
- The order of the tasks is balanced across participants. The experimenter will tell you which task you will be doing first.
- In addition to the fixed compensation for your time, you have the chance to win one of several £50 Amazon vouchers: *Each correct answer increases your chances of winning a voucher, so try to be as accurate as possible!*

Thank you for your participation and good luck!