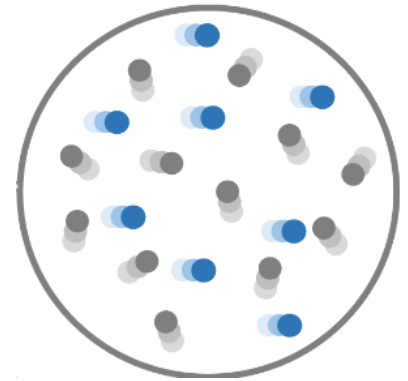


Instructions

The Stimuli

In this experiment, you will be shown circular fields of moving dots called **Random Dot Kinematograms** (RDKs).

Within these RDKs, some of the dots move randomly while the rest move in a **coherent direction**. An example of an RDK is shown on the right. Note that in the experiment, all dots will be white on a black background.



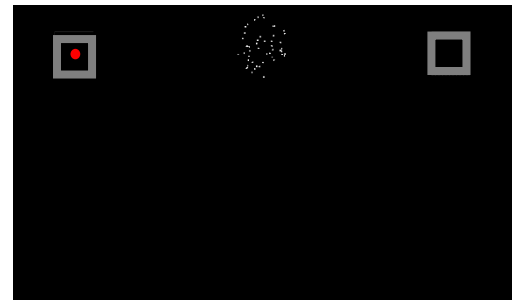
Example RDK: Gray dots represent randomly moving dots while blue dots represent coherently moving dots.

The Task

The experiment is split into two parts:

Part 1

In this task, you will be presented with **ONE** RDK and asked to determine whether the coherent motion in this RDK is travelling leftwards or rightwards.



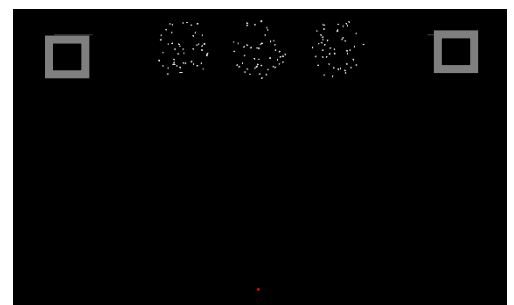
Example of a Part 1 trial.

Part 2

This task is the same as the previous task, however you will now be presented with **THREE** RDKs (one in the center as in the previous task and two either side).

The task is the same: respond with whether the motion in the **CENTER RDK** is moving leftwards or rightwards.

Remember: respond only to the center RDK.



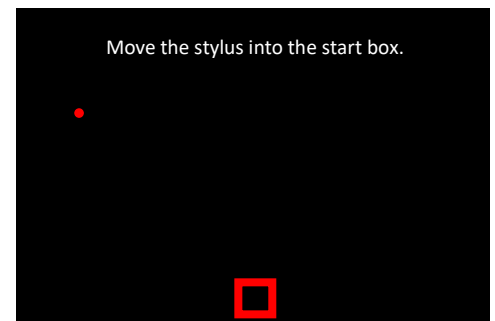
Example of a Part 2 trial.

Please see the next page on how to use the stylus to respond.

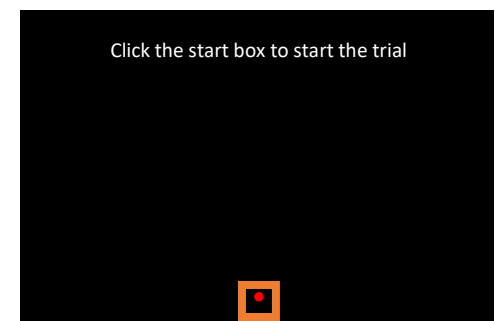
Using the Stylus

The following describes the procedure for each trial.

1. You will first be asked to move the stylus to the **start box** at the bottom of the screen.



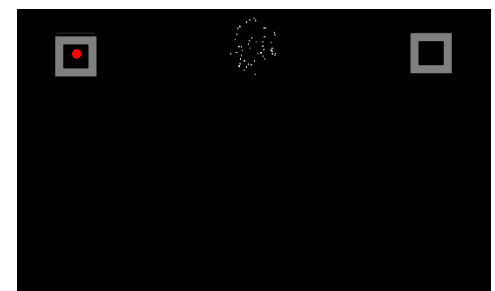
2. When ready to start, click the **start box** to initiate a trial. After the click, a fixation cross will appear at the top of the screen. Fixate here and wait for the presentation of the RDK.



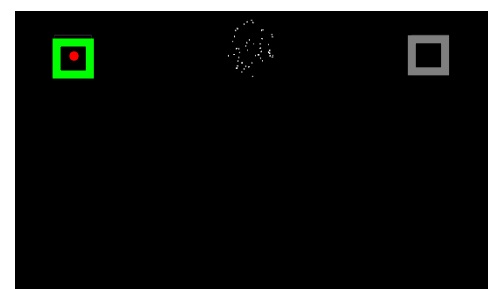
3. The RDK will be presented and will remain on screen until you respond.

If the coherent motion in the RDK is travelling **leftwards**, move the stylus to the **left response box**.

If the coherent motion is moving rightwards, move the stylus to the **right response box**.



4. Hold the stylus in your **chosen response box** until it turns green.



Things to Note

- Due to the nature of the stimuli, this experiment is not suitable for those suffering from **migraine** or **epilepsy**. If you suffer from either of these conditions, please tell the experimenter now.
- Please try to respond as **quickly and as accurately** as possible. If you respond too slowly, a warning message will appear at the end of the trial.
- Remember to **wait** in the response box until it turns green.
- **Avoid the letter 'q' on the keyboard!** (This will quit the task).
- This task can be difficult, but don't fret! Try your best 😊

These instructions will be repeated when you start the task along with practice trials with feedback to help you. There are also voluntary breaks throughout the experiment. If you have any questions, do not hesitate to ask the experimenter.

Thank you for your participation.