



Department of Experimental Psychology  
South Parks Rd  
Oxford  
OX1 4AU

## **Decision Making – Spatial memory and navigation**

You have been invited to participate in an experiment in the Perceptual Decision Laboratory in the Department of Experimental Psychology of the University of Oxford. Your involvement in this project is completely voluntary.

### **What does the study involve?**

In this study, you will be asked to make decisions about planning for navigation. The task will be performed on a computer with a keyboard for you to make responses. The whole session should last no more than one hour. You might be invited for a second session.

### **The task**

In this experiment, you will have to navigate through a subway network to find your way to a destination station. On your way, there will be several lines for you to take. Your task is both to reach the goal on time and learn as much as possible from the map.

You will only learn one map for the whole of the experiment. You will first see the whole map and you will plan your way to the goal station. Then you will have to perform your plan, but you won't see the map anymore! Your position will be represented only by the name of the station – same as the goal of the journey. This means that you will have to remember the name of most of the stations as well!

At multiple times during the experiment, we will also evaluate your learning on the map by asking about directions (e.g., which way to go from station A to station B).

Please remember that you are free to withdraw from the experiment at any time with no explanation. Should you wish to contact anyone after you have taken part, please contact [jdobalaguer@gmail.com](mailto:jdobalaguer@gmail.com).