Bayesian Models of Cognition and Behavior
Project Guidelines

The project is performed by group of 4 (exceptionally 3 or 5). All the members of a group will receive the same grade for the project.

Manuscript Guideline

The manuscript must not be longer than 4 pages (margins≥1cm, fontsize≥12pt). The manuscript must be sent to the teachers in pdf format 2 days before the defense (**Tuesday 16/12, 8pm**).

Introduction

- Give a brief contextual introduction of the project.

Research Question and Objectives

- Introduce the problem your are facing (level 1),
- Explain at least one hypothesis about the agent that you will further test,
- Explain additional hypotheses about the agent that you will further test (level > 1, 2 pts – 0.5 pts/level).

Methods and Models

- Explain the experiments you will do to test these hypotheses,
- Detail precisely the experimental design (conditions and/or experimental factors, number of trials, dependent/tested variables, etc.),
- (Facultative) Describe the mathematical model of the agent behavior.

Results

- Explain how you analyze the data of each of your experiments,
- Report the results.

Discussion, Conclusion and Perspectives

- Discuss how the analyses supports the conclusion,
- Highlight the limits of your experiments.

Defense Guidelines

The defense total duration is 15 minutes decomposed into 10 min + 5 min dedicated to questions.
You can arrange however you like for the main presentation (multiple speakers, one speaker, ...) During the question session we will ask directed questions (we choose who has to answer so that all members of each group must be able to answer any questions about the project). Therefore, you have a strong interest to collaborate with your group and share your knowledge with your group mates.

General Advises for a Slide Presentation A rule of thumb for slide presentation is to assume that a slide should be displayed for at least one minute. Of course, there are exceptions, especially for introductory slides which present illustrations that are straightforward to understand and for conclusion and reference slides which will remain displayed during questions. A slide should never contain too much text and long sentences, nor too many equations. An equation is often a lot of information and should be explained carefully by giving some intuition about it using figures.