

Please find below the README information of the code for continuous rating experiment. We provide step-by-step instructions to run the code for our work entitled “**Dynamic functional connectivity encodes generalizable representations of emotional arousal but not valence**”. For detailed description of the task, please see the *Stimuli and experiment design* section in Methods. <https://www.biorxiv.org/content/10.1101/2023.11.14.566767v1>

1. What is in the folder?

In the d_ContinuousRating folder, we have the following three things:

- a. Arousal_Sherlock.html: This is the experiment code in jsPsych.
- b. Jspsych-6: Required packages to run the code
- c. Stimuli: where you put your movie stimuli

2. How to use the code?

If you open Arousal_Sherlock.html in Visual Studio Code (or any other coding software that supports jspsych):

- a. Change the movie stimuli on line 328 and line 365.
- b. Change your practice video on line 242
- c. Customize your parameters (e.g., rating range, label) on line 88
- d. Customize your instructions, from line 101 to line 226, from line 276 to line 318.

3. How is data saved?

The rating data is saved locally as a .csv file at the end of the experiment. The ratings, as well as the timepoint when participants change the ratings, will be recorded.