

## Instructions for Group 6 Project

### The Effects of Feedback on Motivation during a Sequential Amplitude Test

**Background information:** The purpose of this experiment is to determine whether feedback (smiley face vs. no smiley face) has any sort of effect on motivation to perform “better” on a given test. We know that feedback and affirmations are directly proportional to an increase in intrinsic motivation, so our results could help determine the efficacy of the tests themselves. From this, we will have a preliminary indication of whether feedback has a role in the performance of the test, and this will aid in any future research on the effects of feedback on motivation.

#### Materials:

- ❖ Computer, brain gauge, flat surface

#### Duration:

- ❖ Two consecutive tests (10-15 minutes) within one week of receiving the instructions

#### Survey:

- ❖ To be taken **after** completing the battery

#### Note:

- ❖ If any questions arise, please feel free to contact any of the following people:
  - Ashikha Arun: [ashikha@live.unc.edu](mailto:ashikha@live.unc.edu)
  - Millena Sivakumar: [millena@live.unc.edu](mailto:millena@live.unc.edu)
  - Prarthana Kalmath: [prar@live.unc.edu](mailto:prar@live.unc.edu)

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#### Procedure:

##### Part 1:

1. Make sure the Brain Gauge is properly connected to your computer and is resting on a flat surface.
2. Launch the Brain Gauge app and log out of any existing accounts/tests (yes clear data)
3. Log in with the following information
  - a. **Email:** [fall2020-group6@cmetrics.co](mailto:fall2020-group6@cmetrics.co)
  - b. **Password:** fall2020
4. Enter your personal subject ID number (2020-####)
5. Select the correct battery according to the last digit of your ID number
  - a. If the last number is even (0,2,4,6,8), run through the “Day A” battery
  - b. If the last number is odd (1,3,5,7,9), run through the “Day B” battery

##### Part 2:

1. Enter your personal subject ID number (2020-####)
2. Now, select the correct battery according to the last digit of your ID number
  - a. If the last number is even (0,2,4,6,8), run through the “Day B” battery
  - b. If the last number is odd (1,3,5,7,9), run through the “Day A” battery
3. After completing the battery, take the survey:
  - a. <https://forms.gle/yMbdHqdoZsjYyJhi6>
4. You’re all done! Congrats!

**We thank you for your time and effort in completing both batteries and for the data. Have a wonderful day!**