## **OSP Sanity Check - <u>PHP/Laravel version</u> of EWS**

These steps verify that RT-MHA, PHP/Laravel version of EWS, and audio input/output work. For Node.js version of EWS, see "OSP Sanity Check - <u>Node.js version</u> of EWS"

## 1. In your browser, check that you're in the right landing page.

If not, type in "**localhost:8080**" in the browser search bar.

| is osp × +                                                                                                    |                                                                                                                                                                        |                                                        |
|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| $\leftarrow \rightarrow \mathbb{C}$ () localhost:8080                                                         |                                                                                                                                                                        | ☆ 👼 Incognito (2)                                      |
| The Open Speech Platform Webapp                                                                               | s for research.                                                                                                                                                        |                                                        |
| Researcher Page                                                                                               | 4 Alternate Forced Choice (4AFC) Task                                                                                                                                  | Goldilocks                                             |
| Includes amplification, noise and feedback parameters.                                                        | Includes a 4AFC Task webapp in which<br>an end user can play a sound on click<br>and select a response from 4 options.                                                 | Includes researcher interface and end user interface   |
| Ecological Momentary Assessment (EMA)                                                                         | AB Tasks 👻                                                                                                                                                             | Go to our website                                      |
| Includes an EMA webapp, using which an<br>end user can respond to a prompted<br>question or set of questions. | Includes an AB Task webapp, using<br>which an end user can select a<br>relationship between two presented<br>stimuli, A and B, evaluated on a 7 point<br>likert scale. | This is a link to the Open Speech<br>Platform website! |

2. In the upper-right hand corner, click on the button labeled "Researcher Page".



3. You should see this screen for the Researcher Page in the "Amplification" section.

| Amplification |     | Noise Management |      |      | Feedback Management |         |     |
|---------------|-----|------------------|------|------|---------------------|---------|-----|
| Home          |     |                  |      |      |                     |         |     |
| Controls      |     |                  |      |      |                     |         |     |
| Control Via:  |     | G50/G80 CR/G65   |      |      |                     | Read 👻  |     |
| AFC:          |     | On Off           |      |      |                     | Save    |     |
| Global MPO:   |     | 120              |      |      |                     | Save as |     |
| Channel:      |     | Both Left Right  |      |      |                     |         |     |
| Parameter     | 250 | 500              | 1000 | 2000 | 4000                | 8000    | All |
| CR            | 1   | 1                | 1    | 1    | 1                   | 1       |     |
| G50           | 0   | 0                | 0    | 0    | 0                   | 0       |     |

| Researcher Page                                        |  |
|--------------------------------------------------------|--|
| Includes amplification, noise and feedback parameters. |  |
|                                                        |  |

| 665     | 0   | 0   | 0   | 0   | 0   | 0   |  |
|---------|-----|-----|-----|-----|-----|-----|--|
| G80     | 0   | 0   | 0   | 0   | 0   | 0   |  |
| Knee    | 45  | 45  | 45  | 45  | 45  | 45  |  |
| мро     | 120 | 120 | 120 | 120 | 120 | 120 |  |
| Attack  | 5   | 5   | 5   | 5   | 5   | 5   |  |
| Release | 20  | 20  | 20  | 20  | 20  | 20  |  |

4. At this point, you should have an audio input and output source connected to your computer and ready for listening and voice input. <u>Check that volume is NOT muted.</u>

5. Scroll to the bottom of the page and click on the "Transmit" button. Then, speak into your computer or headset's microphone and listen for immediate audio feedback.

| • • < >                                               | Q Search                   |  |
|-------------------------------------------------------|----------------------------|--|
|                                                       | Sound Effects Output Input |  |
| Select a device for sound                             | output:                    |  |
| Name                                                  | Type                       |  |
| Name<br>MacBook Pro Speakers                          | Built-in                   |  |
| Name<br>MacBook Pro Speakers<br>TAOTRONICS SoundLiber | ty 79 Bluetooth            |  |

| 20 | 20 | 20 |  |
|----|----|----|--|
| 0  | 0  | 0  |  |
|    |    |    |  |

6. Scroll back up and view the "Controls" settings. Next to "Control Via:", click on CR/G65. Then, in the boxed cell within the "All" column and "G65" row, type in "5". Notice the change in values.

Changing the value in the boxed cell to "5" should change the gain for "g65" to be 5 decibels (dB SPL) across all frequency bands (250 to 8000 Hertz).

Controls



7. Scroll to the bottom of the page and click on the "Transmit" button again. Speak into your computer or headset's microphone and listen for immediate audio feedback.

## Notice the differences in volume.



