**AliceLoc\_4conditions for the WP aptitude**

STRUCTURE OF THE LOCALIZER

The original AliceLoc from the EvLab has been modified to include 4 conditions:

L1 intact

L1 degraded

L2 intact

L2 degraded

there are 4 repetition of each condition per block

snippets to be played are randomly selected from pool of 24 audio files per condition

RUNS

Aptitude WP = 3 runs

TIMING - WITH FOREIGN CONDITION

Trial blocks: 16 (18 seconds each)

Fixation blocks: 3 (12 seconds each)

Total runtime: 324 seconds (5:40)

IPS for TR=2: 162

HOW TO USE

Code is heavily commented, follow the ‘audio setup’ instructions and run it as indicated at the beginning of the code

STIMULI

the stimuli to use with the localizer are the same provided by the EvLab

QUESTIONS? irene.balboni@unifr.ch

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Original AliceLoc

Overview <https://evlab.mit.edu/aliceloc/>

Languages <https://evlab.mit.edu/aliceloc/alicelanguageslist/>

Paper [https://www.biorxiv.org/content/10.1101/2021.07.28.454040v2.](https://www.biorxiv.org/content/10.1101/2021.07.28.454040v2) (preprint, keep an eye on the peer reviewed version)