

Materials List for:

Stimulus-specific Cortical Visual Evoked Potential Morphological Patterns

Julia Campbell^{1,2}, Mashhood Nielsen^{1,2}, Alison LaBrec^{1,2}, Connor Bean^{1,2}

¹Department of Communication Sciences and Disorders, The University of Texas at Austin

²Central Sensory Processes Laboratory, The University of Texas at Austin

Correspondence to: Julia Campbell at julia.campbell@austin.utexas.edu

URL: <https://www.jove.com/video/59146>

DOI: [doi:10.3791/59146](https://doi.org/10.3791/59146)

Materials

Name	Company	Catalog Number	Comments
E-Prime 2.0	Psychology Software Tools, Inc		Used in data acquisition
Net Amps 400	Electrical Geodesics, Inc		Used in data acquisition
Net Station Acquisition V5.2.0.2	Electrical Geodesics, Inc		Used in data acquisition
iMac (27 inch)	Apple		Used in data acquisition
Optiplex 7020 Computer	Dell		Stimulus computer
HydroCel GSN EEG net	Electrical Geodesics, Inc		Used in data acquisition
1 mL pipette	Electrical Geodesics, Inc		Used to lower impedances
Johnson's Baby Shampoo	Johnson & Johnson		Used in impedance solution
Potassium Chloride (dry)	Electrical Geodesics, Inc		Used in impedance solution
Control III Disinfectant Germicide	Control III		Used in disinfectant solution
32 inch LCD monitor	Vizio		Used to present stimuli
Matlab (R2016b)	MathWorks		Used in data analysis
EEGLab v14.1.2	Swartz Center for Computational Neuroscience, University of California, San Diego	https://sccn.ucsd.edu/eeglab/index.php	Used in data analysis
BOSS Database	Bank of Standardized Stimuli	https://sites.google.com/site/bosstimuli/	Used in generation of visual object stimuli
Psychtoolbox-3	Psychophysics Toolbox Version 3 (PTB-3)	http://psychtoolbox.org/	Used in generation of visual motion stimuli