

Resource Summary Report

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POLGUI - Matlab Polhemus Interface

RRID:SCR_006752

Type: Tool

Proper Citation

POLGUI - Matlab Polhemus Interface (RRID:SCR_006752)

Resource Information

URL: <http://sourceforge.net/projects/polgui/>

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Description: An interface between MATLAB and the Polhemus Fastrak digitizer used to digitize fiducial locations and scalp EEG electrode locations. There are 5 versions all of which work under MATLAB R14 (on both linux and windows platforms), # polgui_ver1_r14 : works with 1 receiver (stylus pen) # polgui_ver2_r14 : works with 2 receivers (including the pen) # polgui_ver3_r14 : works with 3 receivers(including the pen) # polgui_ver4_r14 : works with 4 receivers (including the pen) # polgui_ver5_r14 : Generic version which works with 1/2/3/4 receivers (WARNING: Ver 5 might be buggy; not fully tested)
Requirements: MATLAB R14 (Linux/Windows)

Abbreviations: POLGUI

Synonyms: POLGUI - Matlab GUI for Polhemus Fastrak

Resource Type: software resource

Keywords: eeg, meg, electrocorticography, linux, matlab, microsoft, magnetic resonance, posix/unix-like, win32 (ms windows), windows

Availability: BSD License

Resource Name: POLGUI - Matlab Polhemus Interface

Resource ID: SCR_006752

Alternate IDs: nlx_155915

Alternate URLs: <http://www.nitrc.org/projects/polgui>

Record Creation Time: 20220129T080238+0000

Record Last Update: 20260912T195645+0000

Ratings and Alerts

No rating or validation information has been found for POLGUI - Matlab Polhemus Interface.

No alerts have been found for POLGUI - Matlab Polhemus Interface.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Li X, et al. (2023) Taste coding of heavy metal ion-induced avoidance in Drosophila. iScience, 26(5), 106607.

Falet JR, et al. (2021) Mapping the human auditory cortex using spectrotemporal receptive fields generated with magnetoencephalography. NeuroImage, 238, 118222.

Jiang L, et al. (2020) Emergence of social cluster by collective pairwise encounters in Drosophila. eLife, 9.

Sun Y, et al. (2020) Social attraction in Drosophila is regulated by the mushroom body and serotonergic system. Nature communications, 11(1), 5350.

Zhan YP, et al. (2016) Taotie neurons regulate appetite in Drosophila. Nature communications, 7, 13633.