

# Resource Summary Report

Generated by PRECISE-TBI on Jul 29, 2026

## POLGUI - Matlab Polhemus Interface

RRID:SCR\_006752

Type: Tool

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### Proper Citation

POLGUI - Matlab Polhemus Interface (RRID:SCR\_006752)

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### 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:** 20260725T190630+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

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.

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