Resource Summary Report

Generated by NIF on May 24, 2025

Palamedes Toolbox

RRID:SCR_006521
Type: Tool

Proper Citation

Palamedes Toolbox (RRID:SCR_006521)

Resource Information

URL: http://www.palamedestoolbox.org/

Proper Citation: Palamedes Toolbox (RRID:SCR_006521)

Description: Matlab routines for analyzing psychophysical data * sychometric function fitting * Multi-condition model fitting * Adaptive procedures * Signal detection measures * Maximum likelihood difference scaling * Model comparisons

Abbreviations: Palamedes

Resource Type: software application, software toolkit, data analysis software, data processing software, software resource

Keywords: matlab, psychophysical

Funding:

Availability: Acknowledgement requested, Free, Non-commercial

Resource Name: Palamedes Toolbox

Resource ID: SCR_006521

Alternate IDs: rid_000040

Record Creation Time: 20220129T080236+0000

Record Last Update: 20250524T060130+0000

Ratings and Alerts

No rating or validation information has been found for Palamedes Toolbox.

No alerts have been found for Palamedes Toolbox.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 51 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Srinath R, et al. (2024) Orthogonal neural representations support perceptual judgements of natural stimuli. bioRxiv : the preprint server for biology.

Baldwin AS, et al. (2024) Stereo-anomaly is found more frequently in tasks that require discrimination between depths. iScience, 27(6), 109879.

Tünçok E, et al. (2024) Spatial attention alters visual cortical representation during target anticipation. bioRxiv : the preprint server for biology.

Deflorio D, et al. (2023) Skin properties and afferent density in the deterioration of tactile spatial acuity with age. The Journal of physiology, 601(3), 517.

Siviero I, et al. (2023) Graph Analysis of TMS-EEG Connectivity Reveals Hemispheric Differences following Occipital Stimulation. Sensors (Basel, Switzerland), 23(21).

DiMattina C, et al. (2023) Second-order boundaries segment more easily when they are density-defined rather than feature-defined. bioRxiv : the preprint server for biology.

Manenti GL, et al. (2023) Variability in training unlocks generalization in visual perceptual learning through invariant representations. Current biology : CB, 33(5), 817.

DiMattina C, et al. (2022) Luminance texture boundaries and luminance step boundaries are segmented using different mechanisms. Vision research, 190, 107968.

Kienitz R, et al. (2022) Microstimulation of visual area V4 improves visual stimulus detection. Cell reports, 40(12), 111392.

Niemeyer JE, et al. (2022) Perceptual enhancement and suppression correlate with V1 neural activity during active sensing. Current biology : CB, 32(12), 2654.

Ofir N, et al. (2022) Neural signatures of evidence accumulation in temporal decisions. Current biology : CB, 32(18), 4093.

van Leeuwen TM, et al. (2021) Perceptual Gains and Losses in Synesthesia and Schizophrenia. Schizophrenia bulletin, 47(3), 722.

Zhao Y, et al. (2021) Pharmacological fMRI provides evidence for opioidergic modulation of discrimination of facial pain expressions. Psychophysiology, 58(2), e13717.

Ferrè ER, et al. (2021) The vestibular system modulates the contributions of head and torso to egocentric spatial judgements. Experimental brain research, 239(7), 2295.

Teng X, et al. (2021) Modulation Spectra Capture EEG Responses to Speech Signals and Drive Distinct Temporal Response Functions. eNeuro, 8(1).

Dickinson JE, et al. (2021) Analysis of shape uses local apparent position rather than physical position. Journal of vision, 21(10), 5.

Murai Y, et al. (2021) Serial dependence revealed in history-dependent perceptual templates. Current biology : CB, 31(14), 3185.

DiMattina C, et al. (2021) Segmenting surface boundaries using luminance cues. Scientific reports, 11(1), 10074.

Quiñones M, et al. (2021) Early Visual Processing and Perception Processes in Object Discrimination Learning. Frontiers in neuroscience, 15, 617824.

Liu X, et al. (2021) From Receptive to Perceptive Fields: Size-Dependent Asymmetries in Both Negative Afterimages and Subcortical On and Off Post-Stimulus Responses. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(37), 7813.