Resource Summary Report

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

Keywords: matlab, psychophysical

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: 20260912T195641+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 56 mentions in open access literature.

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

Yang J, et al. (2026) Short-Term Perceptual Training Modulates Neural Responses to Deepfake Speech But Does Not Improve Behavioral Discrimination. eNeuro, 13(3).

Forster C, et al. (2025) Pre-stimulus beta power mediates explicit and implicit perceptual biases in distinct cortical areas. Communications psychology, 3(1), 93.

Tünçok E, et al. (2025) Spatial attention selectively alters visual cortical representation during target anticipation. Nature communications, 16(1), 8746.

Srinath R, et al. (2025) Orthogonal neural representations support perceptual judgments of natural stimuli. Scientific reports, 15(1), 5316.

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.

Lee HH, et al. (2024) Adaptation and exogenous attention interact in the early visual cortex: A TMS study. iScience, 27(11), 111155.

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.

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

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

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).