Resource Summary Report

Generated by RRID on Apr 18, 2025

PALM

RRID:SCR_017029

Type: Tool

Proper Citation

PALM (RRID:SCR_017029)

Resource Information

URL: https://fsl.fmrib.ox.ac.uk/fsl/fslwiki/PALM

Proper Citation: PALM (RRID:SCR_017029)

Description: Software tool for inference using permutation methods. Requires Matlab or Octave. Can be executed from inside either environment, or directly from the shell and can be called from scripts. For users who are familiar with statistics and willing to use experimental analysis tools.

Abbreviations: PALM

Synonyms: PALM, Permutation Analysis of Linear Models

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

software application

PMID:27288322

Keywords: statistics, permutation, bootstrap, non parametric, combination, inference

Funding: GlaxoSmithKline;

Marie Curie ITN;

Medical Research Council;

Wellcome Trust;

NIBIB R01 EB015611;

MRC G0900908;

Brazilian National Research Council

Availability: Free, Available for download, Freely available

Resource Name: PALM

Resource ID: SCR_017029

Alternate URLs: https://github.com/andersonwinkler/PALM

License URLs: GPL License

Record Creation Time: 20220129T080333+0000

Record Last Update: 20250417T065605+0000

Ratings and Alerts

No rating or validation information has been found for PALM.

No alerts have been found for PALM.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 42 mentions in open access literature.

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

Perrault AA, et al. (2024) A multidimensional investigation of sleep and biopsychosocial profiles with associated neural signatures. bioRxiv: the preprint server for biology.

Roelofs EF, et al. (2024) Longitudinal development of resting-state functional connectivity in adolescents with and without internalizing disorders. Neuroscience applied, 3.

Li L, et al. (2024) Transdiagnostic depression severity and its relationship to global and prefrontal-amygdala structural properties in people with major depression and post-traumatic stress disorder. Cerebral cortex (New York, N.Y.: 1991), 34(9).

Perrault AA, et al. (2024) A multidimensional investigation of sleep and biopsychosocial profiles with associated neural signatures. Research square.

Tubiolo PN, et al. (2024) A tale of two n-backs: Diverging associations of dorsolateral prefrontal cortex activation with n-back task performance. bioRxiv: the preprint server for biology.

Sheng J, et al. (2024) Top-down attention and Alzheimer's pathology impact cortical selectivity during learning, influencing episodic memory in older adults. bioRxiv: the preprint server for biology.

Taraku B, et al. (2024) Modulation of habenular and nucleus accumbens functional connectivity by ketamine in major depression. Brain and behavior, 14(6), e3511.

Mak E, et al. (2024) APOE ?4 exacerbates age-dependent deficits in cortical microstructure. Brain communications, 6(1), fcad351.

Salvan P, et al. (2023) Serotonin regulation of behavior via large-scale neuromodulation of serotonin receptor networks. Nature neuroscience, 26(1), 53.

Taraku B, et al. (2023) Ketamine treatment modulates habenular and nucleus accumbens static and dynamic functional connectivity in major depression. medRxiv: the preprint server for health sciences.

Schaper FLWVJ, et al. (2023) Mapping Lesion-Related Epilepsy to a Human Brain Network. JAMA neurology, 80(9), 891.

Zhu Z, et al. (2023) Brain network structural connectome abnormalities among youth with attention-deficit/hyperactivity disorder at varying risk for bipolar I disorder: a cross-sectional graph-based magnetic resonance imaging study. Journal of psychiatry & neuroscience: JPN, 48(4), E315.

Jiang J, et al. (2023) White matter disconnection of left multiple demand network is associated with post-lesion deficits in cognitive control. Nature communications, 14(1), 1740.

van de Velden D, et al. (2023) Comparison of Resting-State EEG Network Analyses With and Without Parallel MRI in Genetic Generalized Epilepsy. Brain topography, 36(5), 750.

Habig K, et al. (2023) Processing of sensory, painful and vestibular stimuli in the thalamus. Brain structure & function, 228(2), 433.

Valentini E, et al. (2023) Interindividual variability and individual stability of pain- and touch-related neuronal gamma oscillations. Journal of neurophysiology, 129(6), 1400.

Xu Y, et al. (2023) Similar object shape representation encoded in the inferolateral occipitotemporal cortex of sighted and early blind people. PLoS biology, 21(7), e3001930.

Moser DA, et al. (2023) Within-network brain connectivity during a social optimism task is related to personal optimism and optimism for in-group members. Human brain mapping, 44(12), 4561.

Zugman A, et al. (2022) Mega-analysis methods in ENIGMA: The experience of the generalized anxiety disorder working group. Human brain mapping, 43(1), 255.

Zhang S, et al. (2022) Multimodal MRI reveals alterations of the anterior insula and posterior cingulate cortex in bipolar II disorders: A surface-based approach. Progress in neuro-psychopharmacology & biological psychiatry, 116, 110533.