Resource Summary Report

Generated by RRID on Aug 11, 2026

PsychoFit

RRID:SCR_015381
Type: Tool

Proper Citation

PsychoFit (RRID:SCR_015381)

Resource Information

URL: http://psych.colorado.edu/~lharvey/html/software.html

Proper Citation: PsychoFit (RRID:SCR_015381)

Description: Software that fits s-shaped psychometric functions to psychophysical data using a maximum-likelihood technique. The psychometric functions available are logistic, Weibull, Gaussian integral, cumulative Poisson and step. PsychoFit produces, among other things, files with graphic information suitable for importing in a graphic program for plotting., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

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

Keywords: psychophysical data, psychometric, graphic program, s-shaped psychometric function

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: PsychoFit

Resource ID: SCR_015381

Record Creation Time: 20220129T080325+0000

Record Last Update: 20260811T043529+0000

Ratings and Alerts

No rating or validation information has been found for PsychoFit.

No alerts have been found for PsychoFit.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Pasmay AA, et al. (2025) Prenatal alcohol exposure promotes nerve injury-induced pathological pain following morphine treatment via NLRP3-mediated peripheral and central proinflammatory immune actions. bioRxiv : the preprint server for biology.

Freeze R, et al. (2024) Transforming Growth Factor-?-Activated Kinase 1 (TAK1) Alleviates Inflammatory Joint Pain in Osteoarthritis and Gouty Arthritis Preclinical Models. Journal of pain research, 17, 2287.

Zimmerman AJ, et al. (2024) Knockout of AMPA receptor binding protein Neuron-specific gene 2 (NSG2) enhances associative learning and cognitive flexibility. Molecular brain, 17(1), 95.

Duffy EP, et al. (2024) Genetic background and sex influence somatosensory sensitivity and oxycodone analgesia in the Hybrid Rat Diversity Panel. Genes, brain, and behavior, 23(2), e12894.

Myrick A, et al. (2024) Maternal alcohol drinking patterns predict offspring neurobehavioral outcomes. Neuropharmacology, 257, 110044.

Sanchez JE, et al. (2023) The FDA-approved compound, pramipexole and the clinical-stage investigational drug, dexpramipexole, reverse chronic allodynia from sciatic nerve damage in mice, and alter IL-1? and IL-10 expression from immune cell culture. Neuroscience letters, 814, 137419.

Wilkerson JL, et al. (2022) Peripherally administered cannabinoid receptor 2 (CB2R) agonists lose anti-allodynic effects in TRPV1 knockout mice, while intrathecal administration leads to anti-allodynia and reduced GFAP, CCL2 and TRPV1 expression in the dorsal spinal cord and DRG. Brain research, 1774, 147721.

Lacagnina MJ, et al. (2021) A role for neuroimmune signaling in a rat model of Gulf War Illness-related pain. Brain, behavior, and immunity, 91, 418.

Wilkerson JL, et al. (2020) Peripheral versus central mechanisms of the cannabinoid type 2 receptor agonist AM1710 in a mouse model of neuropathic pain. Brain and behavior, 10(12), e01850.

Noor S, et al. (2019) LFA-1 antagonist (BIRT377) similarly reverses peripheral neuropathic pain in male and female mice with underlying sex divergent peripheral immune proinflammatory phenotypes. Neuroimmunology and neuroinflammation, 6.

Vanderwall AG, et al. (2018) Effects of spinal non-viral interleukin-10 gene therapy formulated with d-mannose in neuropathic interleukin-10 deficient mice: Behavioral characterization, mRNA and protein analysis in pain relevant tissues. Brain, behavior, and

immunity, 69, 91.

Bradman MJ, et al. (2015) Practical mechanical threshold estimation in rodents using von Frey hairs/Semmes-Weinstein monofilaments: Towards a rational method. Journal of neuroscience methods, 255, 92.

Dengler EC, et al. (2014) Improvement of spinal non-viral IL-10 gene delivery by D-mannose as a transgene adjuvant to control chronic neuropathic pain. Journal of neuroinflammation, 11, 92.

Dengler EC, et al. (2013) Mesoporous silica-supported lipid bilayers (protocells) for DNA cargo delivery to the spinal cord. Journal of controlled release : official journal of the Controlled Release Society, 168(2), 209.

Kwok YH, et al. (2013) TLR 2 and 4 responsiveness from isolated peripheral blood mononuclear cells from rats and humans as potential chronic pain biomarkers. PloS one, 8(10), e77799.

Wilkerson JL, et al. (2012) Immunofluorescent spectral analysis reveals the intrathecal cannabinoid agonist, AM1241, produces spinal anti-inflammatory cytokine responses in neuropathic rats exhibiting relief from allodynia. Brain and behavior, 2(2), 155.