

Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

FMRI Expert Analysis Tool

RRID:SCR_024915

Type: Tool

Proper Citation

FMRI Expert Analysis Tool (RRID:SCR_024915)

Resource Information

URL: <https://fsl.fmrib.ox.ac.uk/fsl/fslwiki/FEAT>

Proper Citation: FMRI Expert Analysis Tool (RRID:SCR_024915)

Description: Software tool for high quality model based FMRI data analysis. Used for preprocessing and statistical analysis of FMRI data.

Abbreviations: FEAT

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

Keywords: FMRI data analysis, FMRI data, preprocessing and statistical analysis,

Availability: Free, Freely available

Resource Name: FMRI Expert Analysis Tool

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Alternate URLs: <https://github.com/flywheel-apps/fsl-feat>

Record Creation Time: 20240129T210604+0000

Record Last Update: 20260912T200433+0000

Ratings and Alerts

No rating or validation information has been found for FMRI Expert Analysis Tool.

No alerts have been found for FMRI Expert Analysis Tool.

Data and Source Information

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Stasiak JE, et al. (2026) Neural Control of Autonomic Arousal During Threat Anticipation Revealed by High-Resolution Cardiac Contractility. *bioRxiv : the preprint server for biology*.

Stasiak JE, et al. (2026) Integrated Representations of Threat and Controllability in the Lateral Frontal Pole. *Journal of cognitive neuroscience*, 38(5), 1000.

Grodin EN, et al. (2026) Sleep disturbance is associated with greater subjective and neural negative emotionality in people with alcohol use disorder. *Drug and alcohol dependence*, 281, 113084.

Harrington MO, et al. (2025) Memory control deficits in the sleep-deprived human brain. *Proceedings of the National Academy of Sciences of the United States of America*, 122(1), e2400743122.

Yao ZF, et al. (2025) Neural correlates of span capacity during visual discrimination under varying cognitive demands. *Scientific reports*, 15(1), 31071.

Pareto D, et al. (2025) Image analysis research in neuroradiology: bridging clinical and technical domains. *Neuroradiology*, 67(7), 1649.

Odriozola P, et al. (2024) Hippocampal Involvement in Safety Signal Learning Varies With Anxiety Among Healthy Adults. *Biological psychiatry global open science*, 4(1), 155.

Gomez DEP, et al. (2024) The temporal specificity of BOLD fMRI is systematically related to anatomical and vascular features of the human brain. *bioRxiv : the preprint server for biology*.

Mart??n-Signes M, et al. (2024) Integrating brain function and structure in the study of the human attentional networks: a functionnectome study. *Brain structure & function*, 229(7), 1665.

Gomez DEP, et al. (2024) The temporal specificity of BOLD fMRI is systematically related to anatomical and vascular features of the human brain. *Imaging neuroscience (Cambridge, Mass.)*, 2.

de Cates AN, et al. (2023) 5-HT₄ Receptor Agonist Effects on Functional Connectivity in the Human Brain: Implications for Pro-cognitive Action. *Biological psychiatry. Cognitive neuroscience and neuroimaging*, 8(11), 1124.

Marchena-Romero KJ, et al. (2023) Examining temporal features of BOLD-based cerebrovascular reactivity in clinical populations. *Frontiers in neurology*, 14, 1199805.