

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

Turbo-BrainVoyager

RRID:SCR_014175

Type: Tool

Proper Citation

Turbo-BrainVoyager (RRID:SCR_014175)

Resource Information

URL: <http://www.nitrc.org/projects/tbv>

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Description: A software package for the real-time analysis and dynamic visualization of functional magnetic resonance imaging data sets. It allows users to observe the working brain "online" by incrementally computing statistical maps as contrasts of a General Linear Model (GLM). The program also performs real-time pre-processing, including 3D motion correction, spatial Gaussian smoothing and temporal filtering (drift removal).

Resource Type: data processing software, data visualization software, software resource, standalone software, image analysis software, software application

Keywords: image analysis software, data visualization software, standalone software, neurofeedback, mri analysis

Availability: Public, Commercial

Resource Name: Turbo-BrainVoyager

Resource ID: SCR_014175

Alternate URLs: <http://www.brainvoyager.com/TurboBrainVoyager.html>

License: Commercial License

Record Creation Time: 20220129T080319+0000

Record Last Update: 20260731T042914+0000

Ratings and Alerts

No rating or validation information has been found for Turbo-BrainVoyager.

No alerts have been found for Turbo-BrainVoyager.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Steiner F, et al. (2022) Affective speech modulates a cortico-limbic network in real time. Progress in neurobiology, 214, 102278.

Kanel D, et al. (2019) Empathy to emotional voices and the use of real-time fMRI to enhance activation of the anterior insula. NeuroImage, 198, 53.