

Resource Summary Report

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XTRACT

RRID:SCR_024933

Type: Tool

Proper Citation

XTRACT (RRID:SCR_024933)

Resource Information

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

Proper Citation: XTRACT (RRID:SCR_024933)

Description: Software command line tool for automated tractography. Standardised protocols for automated tractography in human and macaque brain.

Resource Type: software application, software resource

Defining Citation: [PMID:32407993](#)

Keywords: automated tractography, tractography, human, macaque, brain

Funding: Biotechnology and Biological Sciences Research Council ;
Human Connectome Project ;
Marie Skłodowska-Curie Individual Fellowship Grant ;
McDonnell Center for Systems Neuroscience at Washington University ;
Medical Research Council PhD Studentship UK ;
MRC Career Development Fellowship UK ;
Netherlands Organization for Scientific Research NWO Netherlands ;
NIH ;
NIMH 1U54MH091657;
Sir Henry Dale Wellcome Trust Fellowship UK ;
UK Biobank Resource ;
UK Engineering and Physical Sciences Research Council ;
Wellcome Trust Collaborative Award UK ;
Wellcome Trust grant UK ;
Wellcome Trust

Availability: Free, Freely available

Resource Name: XTRACT

Resource ID: SCR_024933

Record Creation Time: 20240129T210604+0000

Record Last Update: 20260829T183337+0000

Ratings and Alerts

No rating or validation information has been found for XTRACT.

No alerts have been found for XTRACT.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

de Faria DD, et al. (2026) Structural brain analysis in focal upper limb dystonia. Scientific reports, 16(1).

Hunt JE, et al. (2025) An anthropoid/strepsirrhine divergence in ventral visual stream connectivity. Cerebral cortex (New York, N.Y. : 1991), 35(11).

Assimopoulos S, et al. (2024) Generalising XTRACT tractography protocols across common macaque brain templates. Brain structure & function, 229(8), 1873.

Brosnan MB, et al. (2022) Right fronto-parietal networks mediate the neurocognitive benefits of enriched environments. Brain communications, 4(2), fcac080.