

Resource Summary Report

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BRAINSDemonWarp

RRID:SCR_009524

Type: Tool

Proper Citation

BRAINSDemonWarp (RRID:SCR_009524)

Resource Information

URL: <https://github.com/BRAINSia/BRAINSTools/tree/master/BRAINSDemonWarp>

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Description: A command line program for image registration by using different methods including Thirion and diffeomorphic demons algorithms. The function takes in a template image and a target image along with other optional parameters and registers the template image onto the target image. The resultant deformation fields and metric values can be written to a file. The program uses the Insight Toolkit (www.itk.org) for all the computations, and can operate on any of the image types supported by that library. This is an ITK based implementation of various forms of Thirion Demons based registration (including diffeomorphic demons registration originating from Tom Vercauteren at INRIA).

Abbreviations: BRAINSDemonWarp

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

Keywords: magnetic resonance

Funding: NINDS NS050568;
NINDS NS40068;
NIMH MH31593;
NIMH MH40856

Resource Name: BRAINSDemonWarp

Resource ID: SCR_009524

Alternate IDs: nlx_155700

Alternate URLs: <http://www.nitrc.org/projects/brainsdemonwarp>

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260905T132633+0000

Ratings and Alerts

No rating or validation information has been found for BRAINSDemonWarp.

No alerts have been found for BRAINSDemonWarp.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Henningsen MJ, et al. (2024) Subject-specific finite element head models for skull fracture evaluation-a new tool in forensic pathology. International journal of legal medicine, 138(4), 1447.