

# 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](http://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:** 20260912T195713+0000

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## Ratings and Alerts

No rating or validation information has been found for BRAINSDemonWarp.

No alerts have been found for BRAINSDemonWarp.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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.