4D-PARSeR Pathological Anatomy Regression via Segmentation and Registration

RRID:SCR_002480
Type: Tool

Proper Citation

4D-PARSeR Pathological Anatomy Regression via Segmentation and Registration (RRID:SCR_002480)

Resource Information

URL: http://www.nitrc.org/projects/parser_4d/

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Description: A tool for analyzing 4D images with pathology. Originally developed for processing longitudinal images of patients with traumatic brain injury, the tool contains new image analysis algorithms that combine registration and segmentation in a coherent framework, accounting for extreme changes due to extensive tissue damage.

Abbreviations: 4D-PARSeR

Synonyms: 4D-PARSeR (Pathological Anatomy Regression via Segmentation and Registration), 4D-Pathological Anatomy Regression via Segmentation and Registration

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

Keywords: magnetic resonance, registration, segmentation

Related Condition: Traumatic brain injury

Funding:

Availability: 3D Slicer License

Resource Name: 4D-PARSeR Pathological Anatomy Regression via Segmentation and

Registration

Resource ID: SCR_002480

Alternate IDs: nlx_155870

Record Creation Time: 20220129T080213+0000

Record Last Update: 20250411T054737+0000

Ratings and Alerts

No rating or validation information has been found for 4D-PARSeR Pathological Anatomy Regression via Segmentation and Registration.

No alerts have been found for 4D-PARSeR Pathological Anatomy Regression via Segmentation and Registration.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.