

Accepted Manuscript

Semi-Local Tractography Strategies Using Neighborhood Information

Helen Schomburg, Thorsten Hohage

PII: S1361-8415(17)30040-3
DOI: [10.1016/j.media.2017.03.003](https://doi.org/10.1016/j.media.2017.03.003)
Reference: MEDIMA 1237



To appear in: *Medical Image Analysis*

Received date: 11 May 2016
Revised date: 12 March 2017
Accepted date: 21 March 2017

Please cite this article as: Helen Schomburg, Thorsten Hohage, Semi-Local Tractography Strategies Using Neighborhood Information, *Medical Image Analysis* (2017), doi: [10.1016/j.media.2017.03.003](https://doi.org/10.1016/j.media.2017.03.003)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- novel ODF-based tractography strategies derived from a Bayesian model
- regularization by extrapolation and look-ahead strategy
- improved robustness by including neighborhood information
- compromise between global and local tractography methods

Download English Version:

<https://daneshyari.com/en/article/4953403>

Download Persian Version:

<https://daneshyari.com/article/4953403>

[Daneshyari.com](https://daneshyari.com)