

Accepted Manuscript

Probabilistic Modeling of Anatomical Variability Using a Low Dimensional Parameterization of Diffeomorphisms

Miaomiao Zhang, William M. WellsIII, Polina Golland

PII: S1361-8415(17)30100-7
DOI: [10.1016/j.media.2017.06.013](https://doi.org/10.1016/j.media.2017.06.013)
Reference: MEDIMA 1274



To appear in: *Medical Image Analysis*

Received date: 1 March 2017
Revised date: 19 June 2017
Accepted date: 28 June 2017

Please cite this article as: Miaomiao Zhang, William M. WellsIII, Polina Golland, Probabilistic Modeling of Anatomical Variability Using a Low Dimensional Parameterization of Diffeomorphisms, *Medical Image Analysis* (2017), doi: [10.1016/j.media.2017.06.013](https://doi.org/10.1016/j.media.2017.06.013)

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

- Develop a joint probabilistic model of principal geodesic analysis based on a low dimensional shape descriptor.
- Find a more compact representation of anatomical variability with much lower computational cost.
- Improve statistical analysis for clinical studies.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/4953333>

Download Persian Version:

<https://daneshyari.com/article/4953333>

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