

ISBI Submission Plan/Structure

26th September 2005

Name, Name...¹

Abstract

This paper presents a simple template for IEEEtran documents.

simplicity, beauty, elegance

1 Introduction

- evaluating registration
- with or without ground truth
- paper validates and compares methods

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2 Background

2.1 Registration

- aim
- pair-wise, group-wise

2.2 Evaluating Registration

- need to evaluate it (rational)

2.3 Appearance Models

- automatic construction[ref]
- synthesis

¹The name is with xyz Department...

2.4 Label Overlap

- the concept

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3 Method

3.1 Brain Data

describe

3.2 Specificity and Generalisation

clouds in space

3.3 Shuffle Distance

illustrate

3.4 Tanimoto and Dice Overlap

formulation

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3.5 Data

Brain slices

3.6 Perturbation Framework

CPS, bending energy, warp directions (map), labels, randomisation

4 Results

4.1 Overlap-based Evaluation

- curves

4.2 Model-based Evaluation

- more curves

4.3 Comparison of methods

- correlation, sensitivity plots

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5 Conclusions

- we have shown two valid methods for evaluating registration
- methods correlated in practice
- can evaluate registration
- can evaluate registration without ground truth

Your Name All about you and the what your interests are. Don't forget to put your name in between a pair of {}'s that are set as raw TEX.

Coauthor Same again for the co-author.