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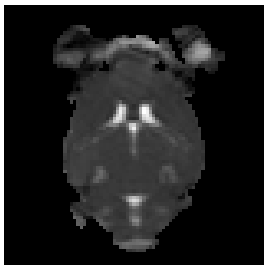
DRBUDDI for MRI Processing



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Courtney Comrie[1]

[1]University of Arizona

Courtney Comrie
University of Arizona

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Protocol status: In development
We are still developing and optimizing this protocol

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Abstract

This protocol will provide a basic guide to utilizing the DRBUDDI tool in TORTIOSE.

Note: Steps may vary based upon image.

Introduction

1 DRBUDDI is a EPI distortion correction module in TORTOISE. It bases its corrections by using DTI data pairs (blip up and blip down). When processing MR images DRBUDDI is usually the second step in the pipeline.

DRBUDDI

2 Type the following in the terminal to view information

Command

```
DR_BUDDI_withoutGUI
```

2.1 You should have two corresponding data sets to edit, and you will need to distinguish them when you call DRBUDDI i.e. blip up and blip down

2.2 NOTE: There are two DRBUDDI versions available to use. There is a DRBUDDI with a GUI, and there is one without a GUI.

3 In terminal go to your directory with the DTI data.

4 In terminal type:

Command

```
DR_BUDDI _withoutGUI --up _data directory(blip
up)/file_name_proc.list --down_data directory(blip
down)/file_name_proc.list --structural
directory_T2Data/file_name_structural.nii
```