**TBSS Pipeline**

**Processing times based on:** Mac, FSL 5.09

<https://fsl.fmrib.ox.ac.uk/fsl/fslwiki/TBSS/UserGuide>

**Note**: Most scripts require manual path changes to be done before they are run.

**Step 1: File Setup and skull stripping**

* File setup will be specific to each study but generally should include a subfolder called “fa” in which all individual FA maps are stored.
  + If TBSS will be applied to non-FA metrics,
* Skull stripping is imperative to accurate registration and should be done prior to TBSS.
  + This can be achieved with FSL’s BET or any other skull stripping tool.

**Step 2: TBSS**

* Run TBSS script: **1\_TBSS\_FA**
  + This script runs through TBSS 1-3, pre-reg, registration, and post-reg
* Run TBSS script: **2\_TBSS\_non-FA**
  + This script runs all processing steps related to TBSS non-FA steps