**T1\_HCP\_FreeSurferPipeline.sh**

Minimum processing chain without T2-weighted images:

output folder: SubjFolder/Subject/T1w/Subject

1- Make Spline Interpolated Downsample to 1mm: T1\_1mm.nii.gz

2- Initial Recon-all Steps: -motioncor -talairach -nuintensitycor -normalization in SubjFolder/Subject/T1w/Subject

Replace brainmask by the mask of PreFreesurferPipeline

3- Recon-all with -autorecon2 -nosmooth2 -noinflate2 -nocurvstats -nosegstats

4- Highres white stuff

5- Intermediate Recon-all Steps: -smooth2 -inflate2 -curvstats -sphere -surfreg -jacobian\_white -avgcurv -cortparc

6- Highres pial stuff

7- Final Recon-all Steps: -surfvolume -parcstats -cortparc2 -parcstats2 -cortparc3 -parcstats3 -cortribbon -segstats -aparc2aseg -wmparc -balabels -label-exvivo-ec

Example: T1\_HCP\_FreeSurferPipeline.sh -StudyFolder ${SubjFolder} -Subjlist ${Subject} -runlocal