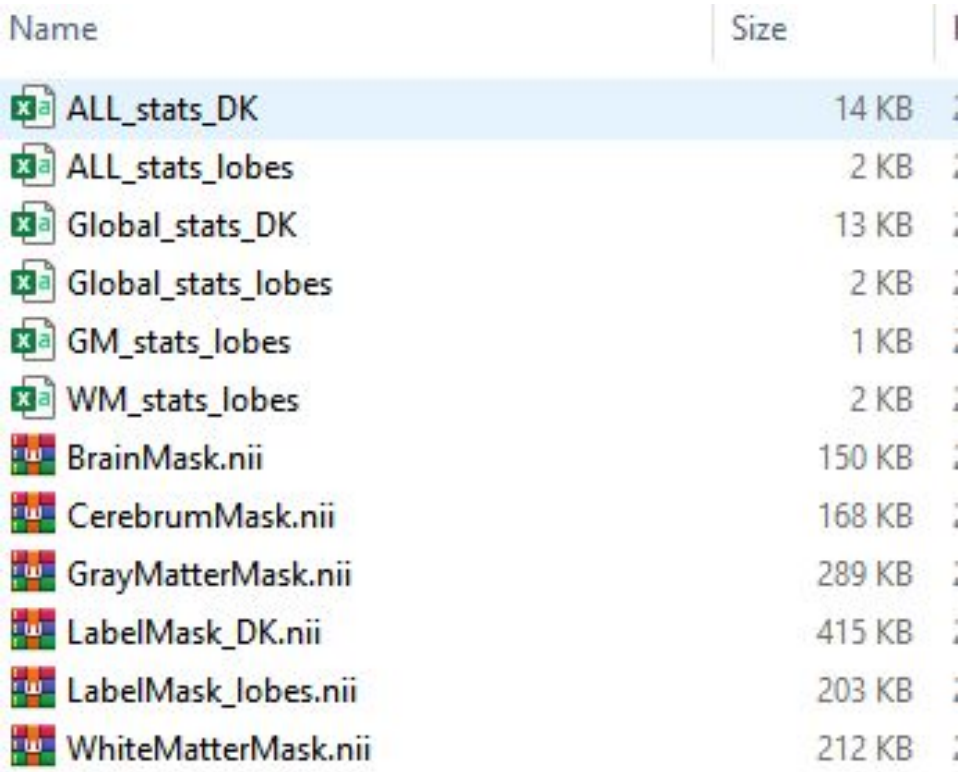
FS_T1_PIPELINE

OUTPUT STATS VISUALIZATION

OUTPUT - SUMMARY STATISTICS

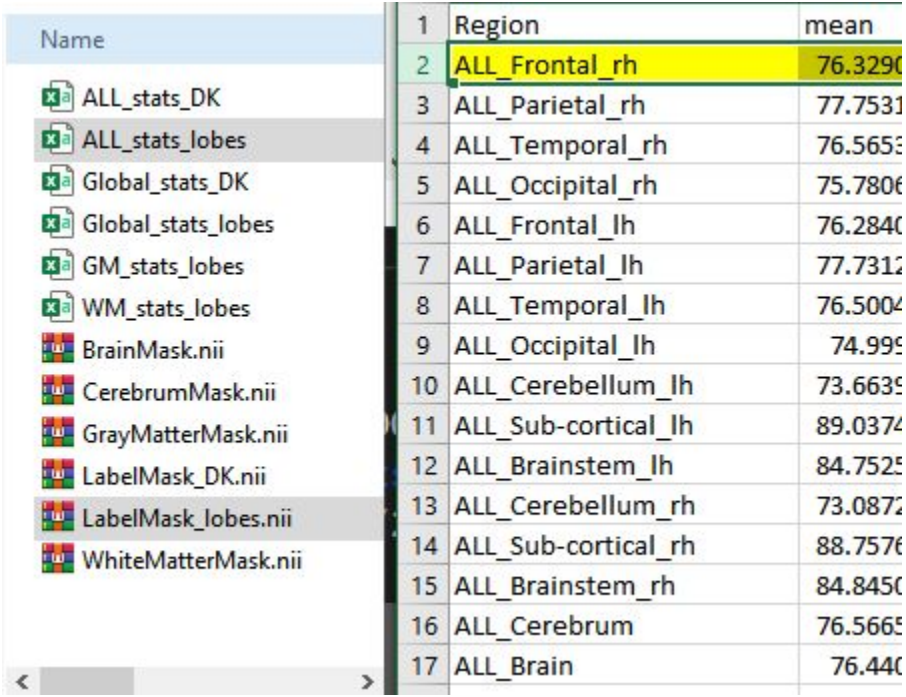
Summary Statistics:

../<subject_output>/stats

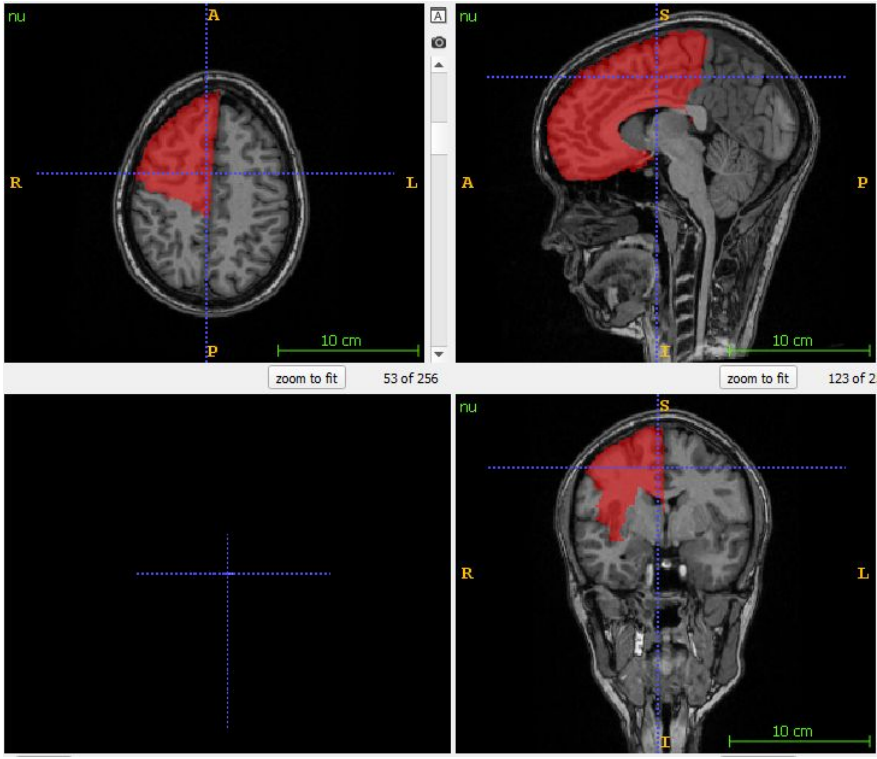


OUTPUT - SUMMARY STATISTICS

ALL_stats_lobes.csv

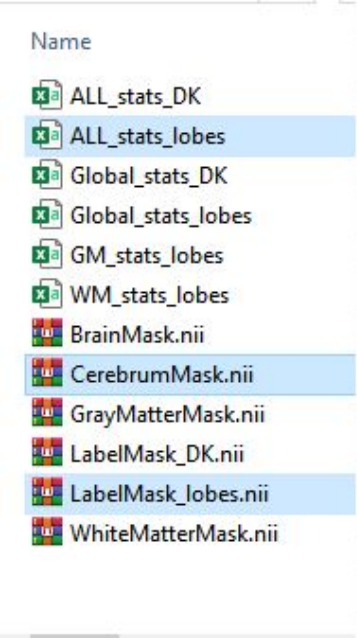


	Region	mean
2	ALL_Frontal_rh	76.3290
3	ALL_Parietal_rh	77.7531
4	ALL_Temporal_rh	76.5653
5	ALL_Occipital_rh	75.7806
6	ALL_Frontal_lh	76.2840
7	ALL_Parietal_lh	77.7312
8	ALL_Temporal_lh	76.5004
9	ALL_Occipital_lh	74.995
10	ALL_Cerebellum_lh	73.6639
11	ALL_Sub-cortical_lh	89.0374
12	ALL_Brainstem_lh	84.7525
13	ALL_Cerebellum_rh	73.0872
14	ALL_Sub-cortical_rh	88.7576
15	ALL_Brainstem_rh	84.8450
16	ALL_Cerebrum	76.5665
17	ALL_Brain	76.440

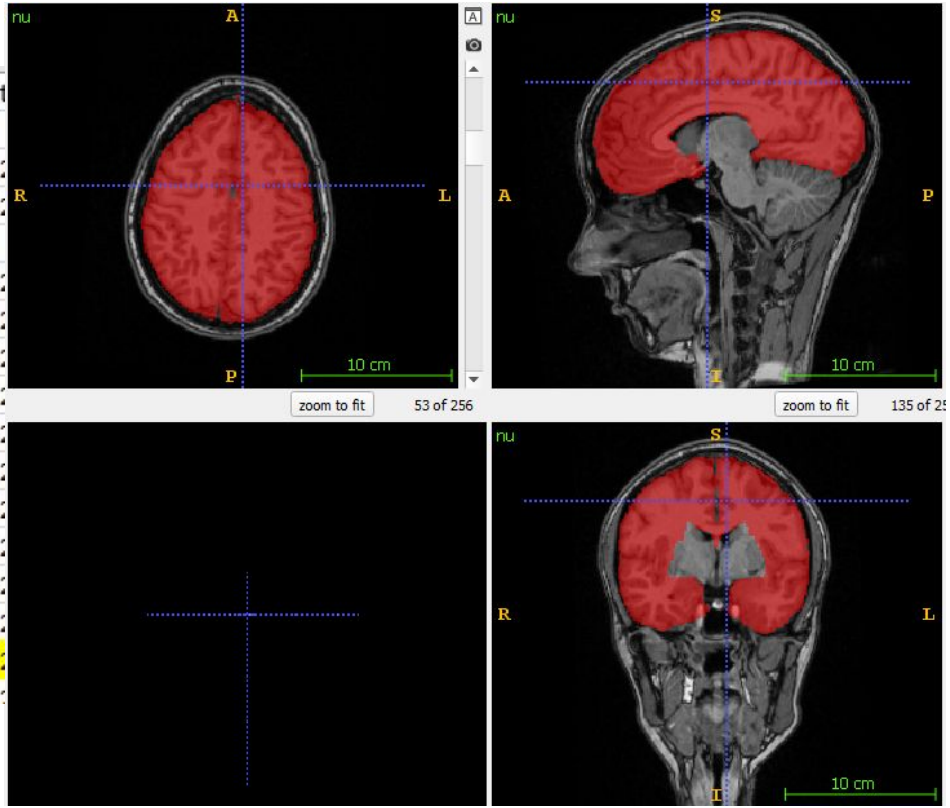


OUTPUT - SUMMARY STATISTICS

ALL_stats_lobes.csv



	Region	mean	st
2	ALL_Frontal_rh	76.32904	
3	ALL_Parietal_rh	77.75319	
4	ALL_Temporal_rh	76.56531	
5	ALL_Occipital_rh	75.78069	
6	ALL_Frontal_lh	76.28408	
7	ALL_Parietal_lh	77.73128	
8	ALL_Temporal_lh	76.50047	
9	ALL_Occipital_lh	74.9998	
10	ALL_Cerebellum_lh	73.66398	
11	ALL_Sub-cortical_lh	89.03743	
12	ALL_Brainstem_lh	84.75259	
13	ALL_Cerebellum_rh	73.08721	
14	ALL_Sub-cortical_rh	88.75763	
15	ALL_Brainstem_rh	84.84508	
16	ALL_Cerebrum	76.56651	
17	ALL_Brain	76.4402	



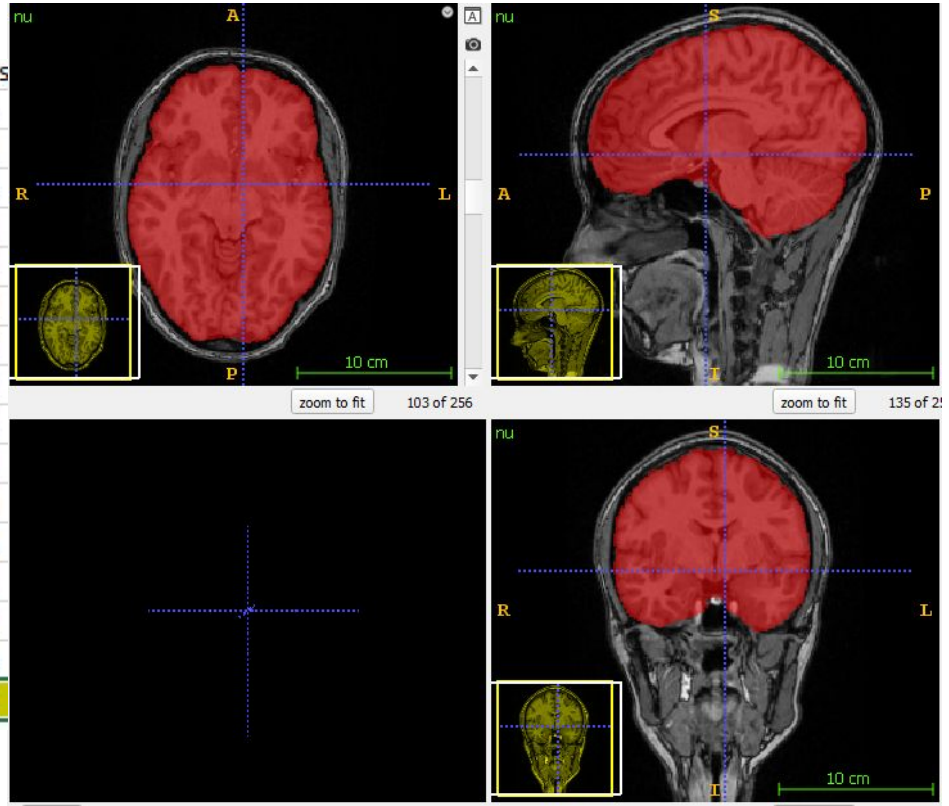
OUTPUT - SUMMARY STATISTICS

ALL_stats_lobes.csv

Name

- ALL_stats_DK
- ALL_stats_lobes
- Global_stats_DK
- Global_stats_lobes
- GM_stats_lobes
- WM_stats_lobes
- BrainMask.nii
- CerebrumMask.nii
- GrayMatterMask.nii
- LabelMask_DK.nii
- LabelMask_lobes.nii
- WhiteMatterMask.nii

	Region	mean
2	ALL_Frontal_rh	76.32904
3	ALL_Parietal_rh	77.75319
4	ALL_Temporal_rh	76.56531
5	ALL_Occipital_rh	75.78069
6	ALL_Frontal_lh	76.28408
7	ALL_Parietal_lh	77.73128
8	ALL_Temporal_lh	76.50047
9	ALL_Occipital_lh	74.9998
10	ALL_Cerebellum_lh	73.66398
11	ALL_Sub-cortical_lh	89.03743
12	ALL_Brainstem_lh	84.75259
13	ALL_Cerebellum_rh	73.08721
14	ALL_Sub-cortical_rh	88.75763
15	ALL_Brainstem_rh	84.84508
16	ALL_Cerebrum	76.56651
17	ALL_Brain	76.4402



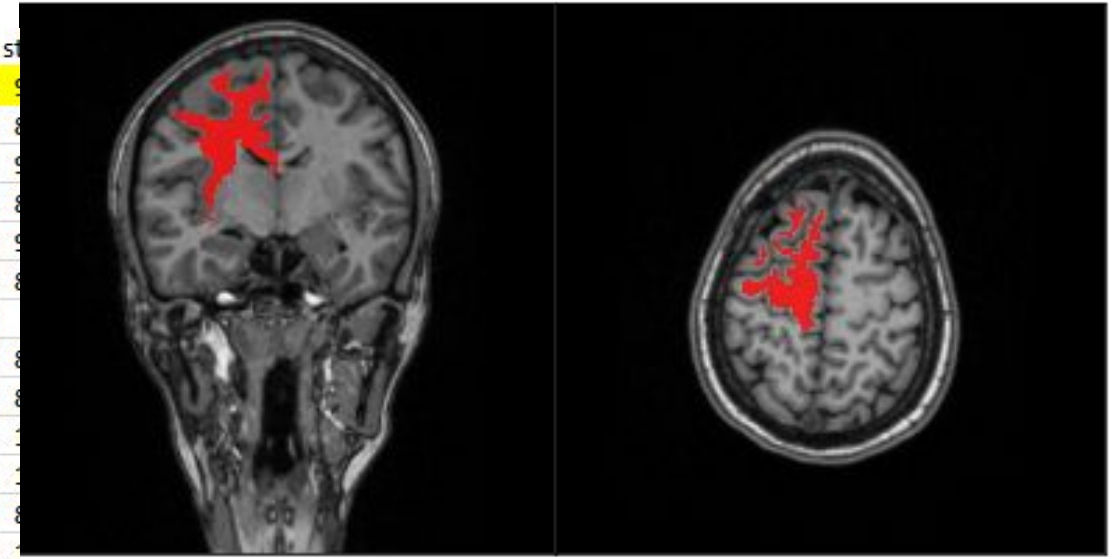
OUTPUT - SUMMARY STATISTICS

WM_stats_lobes.csv

Name

- ALL_stats_DK
- ALL_stats_lobes
- Global_stats_DK
- Global_stats_lobes
- GM_stats_lobes
- WM_stats_lobes
- BrainMask.nii
- CerebrumMask.nii
- GrayMatterMask.nii
- LabelMask_DK.nii
- LabelMask_lobes.nii
- WhiteMatterMask.nii

	Region	mean	st
2	WM_Frontal_rh	104.3373	
3	WM_Parietal_rh	103.9003	
4	WM_Temporal_rh	104.5241	
5	WM_Occipital_rh	100.7474	
6	WM_Frontal_lh	104.0756	
7	WM_Parietal_lh	104.1638	
8	WM_Temporal_lh	104.5578	
9	WM_Occipital_lh	101.4805	
10	WM_Cerebellum_lh	102.4684	
11	WM_Sub-cortical_lh	102.5888	
12	WM_Brainstem_lh	103.4677	
13	WM_Cerebellum_rh	102.6197	
14	WM_Sub-cortical_rh	102.2943	
15	WM_Brainstem_rh	103.4499	
16	WM_Cerebrum	103.9061	
17	WM_Brain	103.7643	
18			



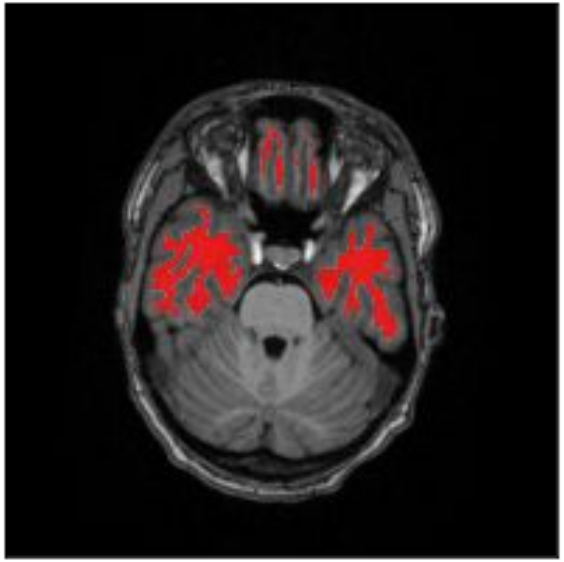
OUTPUT - SUMMARY STATISTICS

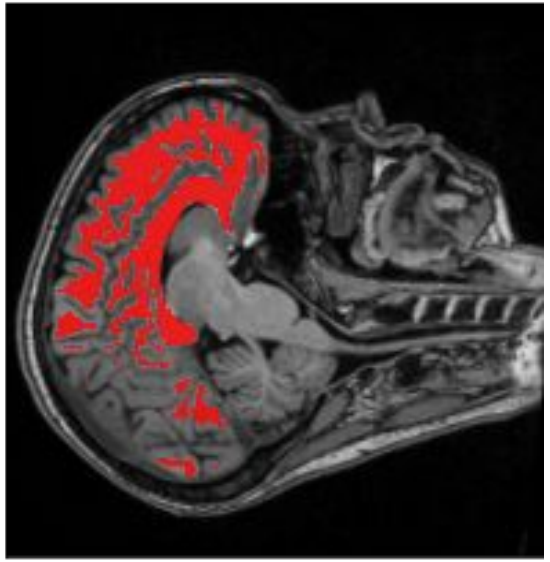
WM_stats_lobes.csv

Name

- ALL_stats_DK
- ALL_stats_lobes
- Global_stats_DK
- Global_stats_lobes
- GM_stats_lobes
- WM_stats_lobes
- BrainMask.nii
- CerebrumMask.nii
- GrayMatterMask.nii
- LabelMask_DK.nii
- LabelMask_lobes.nii
- WhiteMatterMask.nii

	Region	mean	st
2	WM_Frontal_rh	104.3373	9
3	WM_Parietal_rh	103.9003	8
4	WM_Temporal_rh	104.5241	9
5	WM_Occipital_rh	100.7474	8
6	WM_Frontal_lh	104.0756	9
7	WM_Parietal_lh	104.1638	8
8	WM_Temporal_lh	104.5578	
9	WM_Occipital_lh	101.4805	8
10	WM_Cerebellum_lh	102.4684	8
11	WM_Sub-cortical_lh	102.5888	1
12	WM_Brainstem_lh	103.4677	1
13	WM_Cerebellum_rh	102.6197	8
14	WM_Sub-cortical_rh	102.2943	1
15	WM_Brainstem_rh	103.4499	9
16	WM_Cerebrum	103.9061	9
17	WM_Brain	103.7643	9





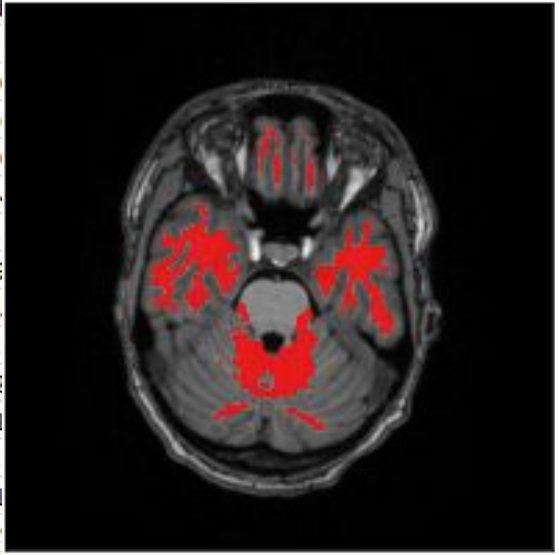
OUTPUT - SUMMARY STATISTICS

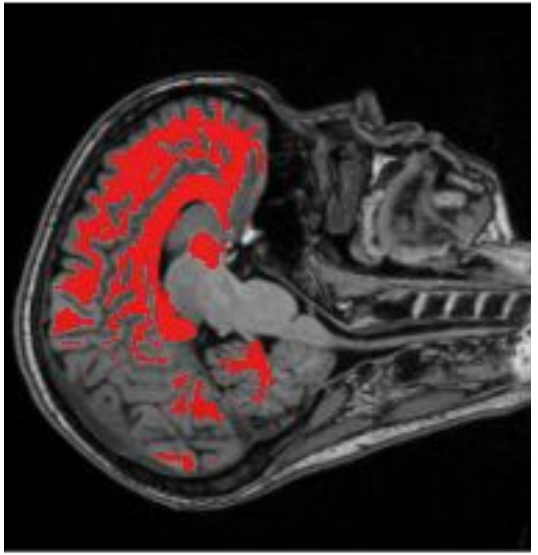
WM_stats_lobes.csv

Name

- ALL_stats_DK
- ALL_stats_lobes
- Global_stats_DK
- Global_stats_lobes
- GM_stats_lobes
- WM_stats_lobes
- BrainMask.nii
- CerebrumMask.nii
- GrayMatterMask.nii
- LabelMask_DK.nii
- LabelMask_lobes.nii
- WhiteMatterMask.nii

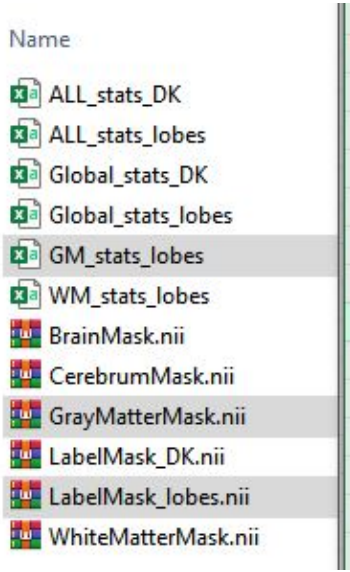
1	Region	mean	std
2	WM_Frontal_rh	104.3373	9.
3	WM_Parietal_rh	103.9003	8.
4	WM_Temporal_rh	104.5241	9.
5	WM_Occipital_rh	100.7474	8.
6	WM_Frontal_lh	104.0756	9.
7	WM_Parietal_lh	104.1638	8.
8	WM_Temporal_lh	104.5578	9
9	WM_Occipital_lh	101.4805	8.
10	WM_Cerebellum_lh	102.4684	8.
11	WM_Sub-cortical_lh	102.5888	12
12	WM_Brainstem_lh	103.4677	11
13	WM_Cerebellum_rh	102.6197	8.
14	WM_Sub-cortical_rh	102.2943	11
15	WM_Brainstem_rh	103.4499	9.
16	WM_Cerebrum	103.9061	9.
17	WM_Brain	103.7643	9.



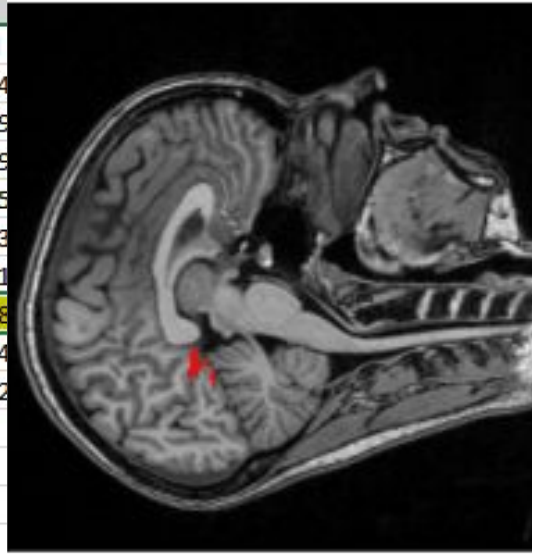


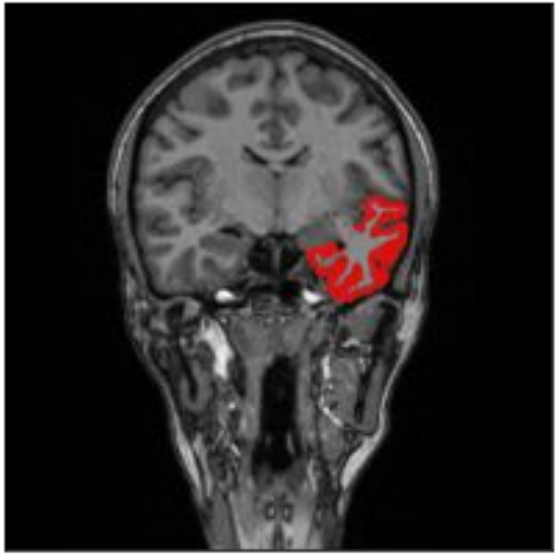
OUTPUT - SUMMARY STATISTICS

GM_stats_lobes.csv



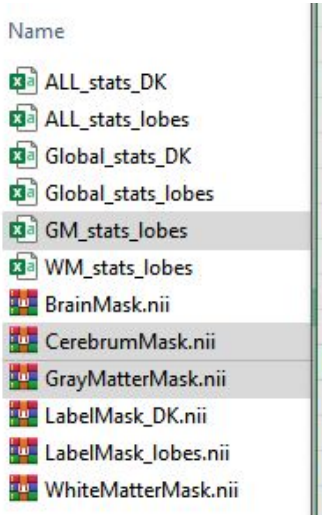
	A	B	
1	Region	mean	std
2	GM_Frontal_rh	68.35345	9.4
3	GM_Parietal_rh	70.41858	8.9
4	GM_Temporal_rh	69.32665	8.9
5	GM_Occipital_rh	71.30835	9.5
6	GM_Frontal_lh	67.87979	9.3
7	GM_Parietal_lh	69.57986	9.1
8	GM_Temporal_lh	68.60313	8.8
9	GM_Occipital_lh	70.82019	9.4
10	GM_Cerebrum	69.08555	9.2
11			
12			
13			
14			



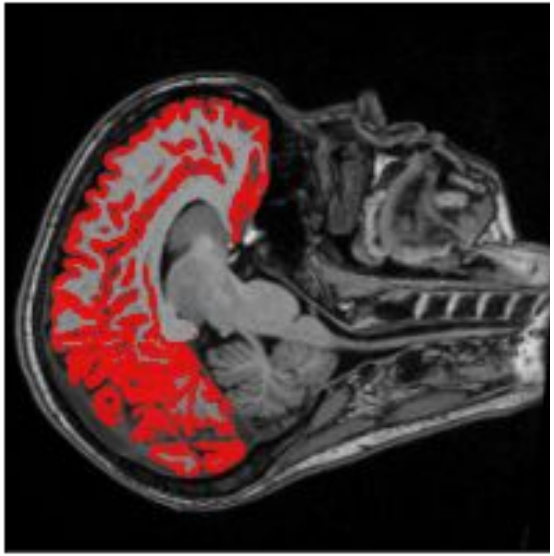


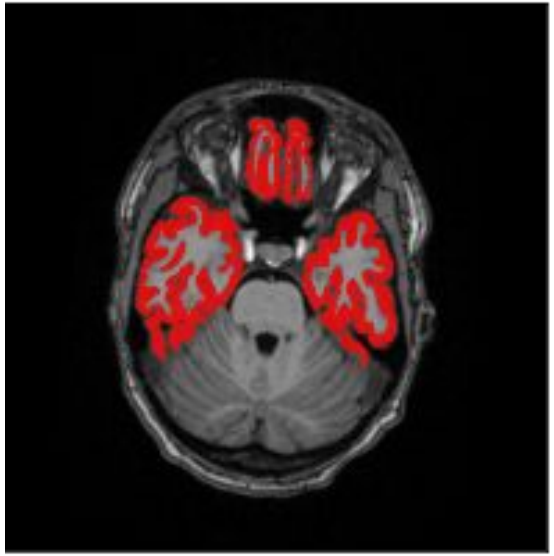
OUTPUT - SUMMARY STATISTICS

GM_stats_lobes.csv



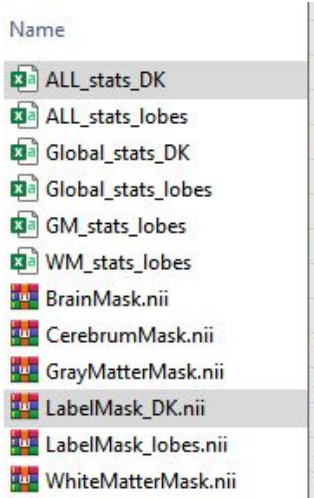
	A	B	
1	Region	mean	std
2	GM_Frontal_rh	68.35345	9.40
3	GM_Parietal_rh	70.41858	8.97
4	GM_Temporal_rh	69.32665	8.90
5	GM_Occipital_rh	71.30835	9.50
6	GM_Frontal_lh	67.87979	9.32
7	GM_Parietal_lh	69.57986	9.15
8	GM_Temporal_lh	68.60313	8.85
9	GM_Occipital_lh	70.82019	9.41
10	GM_Cerebrum	69.08555	9.24
11			
12			
13			
14			



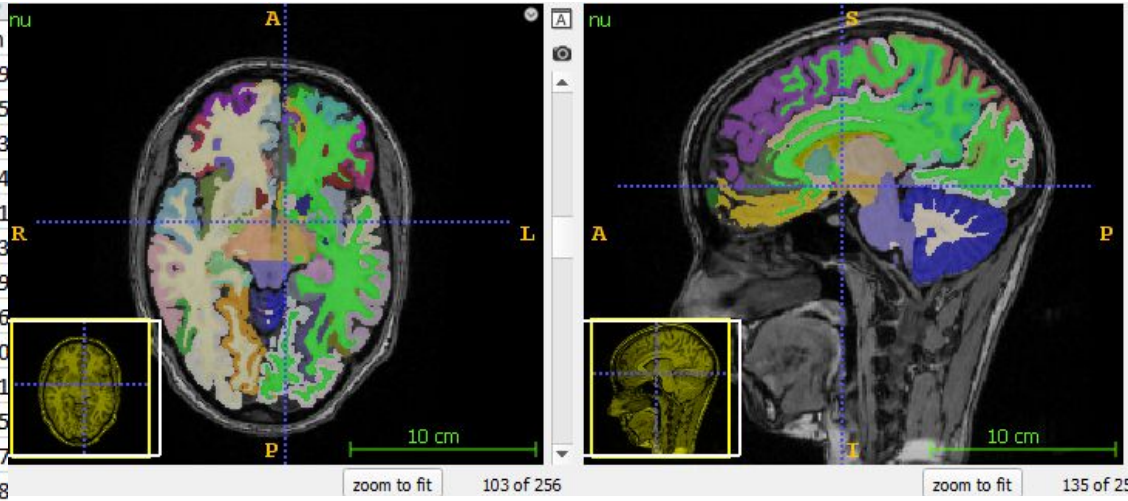


OUTPUT - SUMMARY STATISTICS

ALL_stats_DK.csv (desikan killiany - aparc+aseg)



	A	B
1	Region	mean
2	ALL_Left-Cerebral-White-Matter	103.9
3	ALL_Left-Lateral-Ventricle	27.75
4	ALL_Left-Inf-Lat-Vent	49.73
5	ALL_Left-Cerebellum-White-Mat	102.4
6	ALL_Left-Cerebellum-Cortex	74.1
7	ALL_Left-Thalamus-Proper	91.03
8	ALL_Left-Caudate	78.59
9	ALL_Left-Putamen	88.36
10	ALL_Left-Pallidum	105.0
11	ALL_3rd-Ventricle	43.91
12	ALL_4th-Ventricle	26.55
13	ALL_Brain-Stem	98.57
14	ALL_Left-Hippocampus	71.88
15	ALL_Left-Amygdala	74.9
16	ALL_CSF	41.42
17	ALL_Left-Accumbens-area	74.45
18	ALL_Left-VentralDC	98.44



Same as ALL_stats_lobes.csv except with DK atlas instead of lobe masks.