

#vectors extracted from each volume(columns) for each label(rows) using mri_cor2label

.....LabelIDs from FreesurferColorLUT.txt.....	aseg.mgz	wmparc.mgz	aparc+aseg.mgz	filled.mgz	T1.mgz
1 Left-Cerebral-Exterior	0	0	0	0	1362252
2 Left-Cerebral-White-Matter	238394	345	232865	0	791754
3 Left-Cerebral-Cortex	280518	0	0	0	803303
4 Left-Lateral-Ventricle	2918	2918	2918	0	548953
5 Left-Inf-Lat-Vent	380	380	380	0	336398
6 Left-Cerebellum-Exterior	0	0	0	0	143198
7 Left-Cerebellum-White-Matter	17975	17975	17975	0	193301
8 Left-Cerebellum-Cortex	51211	51211	51211	0	171503
9 Left-Thalamus	0	0	0	0	126065
10 Left-Thalamus-Proper	9289	9289	9289	0	96061
11 Left-Caudate	3397	3397	3397	0	77825
12 Left-Putamen	6956	6956	6956	0	62864
13 Left-Pallidum	2002	2002	2002	0	57332
14 3rd-Ventricle	866	866	866	0	48985
15 4th-Ventricle	2187	2187	2187	0	43714
16 Brain-Stem	25274	25274	25274	0	35441
17 Left-Hippocampus	5274	5274	5274	0	30546
18 Left-Amygdala	2045	2045	2045	0	34560
19 Left-Insula	0	0	0	0	35221
20 Left-Operculum	0	0	0	0	34294
21 Line-1	0	0	0	0	34135
22 Line-2	0	0	0	0	30522
23 Line-3	0	0	0	0	32012
24 CSF	923	923	923	0	30963
25 Left-Lesion	0	0	0	0	29567
26 Left-Accumbens-area	999	999	999	0	27854
27 Left-Substantia-Nigra	0	0	0	0	22008
28 Left-VentralDC	4765	4765	4765	0	30323
29 Left-undetermined	0	0	0	0	29405
30 Left-vessel	114	114	114	0	30977
31 Left-choroid-plexus	1335	1335	1335	0	30397
32 Left-F3orb	0	0	0	0	30267
33 Left-IOg	0	0	0	0	30824
34 Left-aOg	0	0	0	0	29950
35 Left-mOg	0	0	0	0	31950
36 Left-pOg	0	0	0	0	30408
37 Left-Stellate	0	0	0	0	30978
38 Left-Porg	0	0	0	0	33400

39 Left-Aorg	0	0	0	0	34841
40 Right-Cerebral-Exterior	0	0	0	0	33363
41 Right-Cerebral-White-Matter	250328	331	240001	0	33942
42 Right-Cerebral-Cortex	285372	0	0	0	35882
43 Right-Lateral-Ventricle	2266	2266	2266	0	39316
44 Right-Inf-Lat-Vent	750	750	750	0	38708
45 Right-Cerebellum-Exterior	0	0	0	0	40206
46 Right-Cerebellum-White-Matter	17837	17837	17837	0	39847
47 Right-Cerebellum-Cortex	54525	54525	54525	0	40261
48 Right-Thalamus	0	0	0	0	42610
49 Right-Thalamus-Proper	8692	8692	8692	0	44587
50 Right-Caudate	4001	4001	4001	0	47154
51 Right-Putamen	7100	7100	7100	0	45700
52 Right-Pallidum	1920	1920	1920	0	47143
53 Right-Hippocampus	5339	5339	5339	0	48222
54 Right-Amygdala	2083	2083	2083	0	51048
55 Right-Insula	0	0	0	0	47468
56 Right-Operculum	0	0	0	0	44334
57 Right-Lesion	0	0	0	0	52342
58 Right-Accumbens-area	995	995	995	0	57988
59 Right-Substantia-Nigra	0	0	0	0	59628
60 Right-VentralDC	4879	4879	4879	0	60523
61 Right-undetermined	0	0	0	0	62247
62 Right-vessel	139	139	139	0	63198
63 Right-choroid-plexus	1735	1735	1735	0	62732
64 Right-F3orb	0	0	0	0	64965
65 Right-IOg	0	0	0	0	62643
66 Right-aOg	0	0	0	0	60870
67 Right-mOg	0	0	0	0	63480
68 Right-pOg	0	0	0	0	60781
69 Right-Stellate	0	0	0	0	59542
70 Right-Porg	0	0	0	0	54770
71 Right-Aorg	0	0	0	0	55748
72 5th-Ventricle	0	0	0	0	53273
73 Left-Interior	0	0	0	0	51296
74 Right-Interior	0	0	0	0	49497
75 ----	0	0	0	0	48609
76 ----	0	0	0	0	46614
77 WM-hypointensities	2684	51	2684	0	45424
78 Left-WM-hypointensities	0	0	0	0	41579
79 Right-WM-hypointensities	0	0	0	0	41890

80 non-WM-hypointensities	18	0	18	0	39590
81 Left-non-WM-hypointensities	0	0	0	0	38242
82 Right-non-WM-hypointensities	0	0	0	0	31053
83 Left-F1	0	0	0	0	36376
84 Right-F1	0	0	0	0	33223
85 Optic-Chiasm	219	219	219	0	33563
86 Left_future_WMSA	0	0	0	0	32632
87 Right_future_WMSA	0	0	0	0	31068
88 future_WMSA	0	0	0	0	29587
89 ----	0	0	0	0	28938
90 ----	0	0	0	0	27921
91 ----	0	0	0	0	26873
92 ----	0	0	0	0	25132
93 ----	0	0	0	0	23973
94 ----	0	0	0	0	24072
95 ----	0	0	0	0	23913
96 Left-Amygdala-Anterior	0	0	0	0	24028
97 Right-Amygdala-Anterior	0	0	0	0	23234
98 Dura	0	0	0	0	22642
99 ----	0	0	0	0	23641
100 Left-wm-intensity-abnormality	0	0	0	0	23454
101 Left-caudate-intensity-abnormality	0	0	0	0	24415
102 Left-putamen-intensity-abnormality	0	0	0	0	24919
103 Left-accumbens-intensity-abnormality	0	0	0	0	25989
104 Left-pallidum-intensity-abnormality	0	0	0	0	25828
105 Left-amygdala-intensity-abnormality	0	0	0	0	25446
106 Left-hippocampus-intensity-abnormality	0	0	0	0	24129
107 Left-thalamus-intensity-abnormality	0	0	0	0	23079
108 Left-VDC-intensity-abnormality	0	0	0	0	21698
109 Right-wm-intensity-abnormality	0	0	0	0	20353
110 Right-caudate-intensity-abnormality	0	0	0	0	262421
111 Right-putamen-intensity-abnormality	0	0	0	0	16990
112 Right-accumbens-intensity-abnormality	0	0	0	0	15186
113 Right-pallidum-intensity-abnormality	0	0	0	0	13404
114 Right-amygdala-intensity-abnormality	0	0	0	0	12622
115 Right-hippocampus-intensity-abnormality	0	0	0	0	11786
116 Right-thalamus-intensity-abnormality	0	0	0	0	10515
117 Right-VDC-intensity-abnormality	0	0	0	0	9571
118 Epidermis	0	0	0	0	8645
119 Conn-Tissue	0	0	0	0	8604
120 SC-Fat-Muscle	0	0	0	0	8402

121 Cranium	0	0	0	0	8223
122 CSF-SA	0	0	0	0	7894
123 Muscle	0	0	0	0	7731
124 Ear	0	0	0	0	7626
125 Adipose	0	0	0	0	7547
126 Spinal-Cord	0	0	0	0	6907
127 Soft-Tissue	0	0	0	293985	7201
128 Nerve	0	0	0	0	7029
129 Bone	0	0	0	0	6497
130 Air	0	0	0	0	6655
131 Orbital-Fat	0	0	0	0	7476
132 Tongue	0	0	0	0	6687
133 Nasal-Structures	0	0	0	0	7326
134 Globe	0	0	0	0	6855
135 Teeth	0	0	0	0	6600
136 Left-Caudate-Putamen	0	0	0	0	6613
137 Right-Caudate-Putamen	0	0	0	0	5619
138 Left-Clastrum	0	0	0	0	6841
139 Right-Clastrum	0	0	0	0	6409
140 Cornea	0	0	0	0	6216
141 ----	0	0	0	0	6523
142 Diploe	0	0	0	0	6398
143 Vitreous-Humor	0	0	0	0	6542
144 Lens	0	0	0	0	6341
145 Aqueous-Humor	0	0	0	0	6297
146 Outer-Table	0	0	0	0	6035
147 Inner-Table	0	0	0	0	6101
148 Periosteum	0	0	0	0	6070
149 Endosteum	0	0	0	0	6226
150 R-C-S	0	0	0	0	6228
151 Iris	0	0	0	0	5911
152 SC-Adipose-Muscle	0	0	0	0	5700
153 SC-Tissue	0	0	0	0	6024
154 Orbital-Adipose	0	0	0	0	5718
155 Left-IntCapsule-Ant	0	0	0	0	5801
156 Right-IntCapsule-Ant	0	0	0	0	5956
157 Left-IntCapsule-Pos	0	0	0	0	5778
158 Right-IntCapsule-Pos	0	0	0	0	6040
159 Left-Cerebral-WM-unmyelinated	0	0	0	0	5813
160 Right-Cerebral-WM-unmyelinated	0	0	0	0	5664
161 Left-Cerebral-WM-myelinated	0	0	0	0	5787

162	Right-Cerebral-WM-myelinated	0	0	0	0	5643
163	Left-Subcortical-Gray-Matter	0	0	0	0	5512
164	Right-Subcortical-Gray-Matter	0	0	0	0	5602
165	Skull	0	0	0	0	4442
166	Posterior-fossa	0	0	0	0	5492
167	Scalp	0	0	0	0	5263
168	Hematoma	0	0	0	0	5443
169	Left-Basal-Ganglia	0	0	0	0	5680
170	brainstem	0	0	0	0	5502
171	DCG	0	0	0	0	5382
172	Vermis	0	0	0	0	5868
173	Midbrain	0	0	0	0	5753
174	Pons	0	0	0	0	5510
175	Medulla	0	0	0	0	5629
176	Right-Basal-Ganglia	0	0	0	0	5513
177	----	0	0	0	0	5735
178	----	0	0	0	0	5625
179	----	0	0	0	0	5010
180	Left-Cortical-Dysplasia	0	0	0	0	5677
181	Right-Cortical-Dysplasia	0	0	0	0	5310
182	----	0	0	0	0	5204
183	----	0	0	0	0	5416
184	----	0	0	0	0	5188
185	----	0	0	0	0	5227
186	----	0	0	0	0	5060
187	----	0	0	0	0	4861
188	----	0	0	0	0	4797
189	----	0	0	0	0	4712
190	----	0	0	0	0	4317
191	----	0	0	0	0	4526
192	Corpus_Callosum	0	0	0	0	3286
193	Left-hippocampal_fissure	0	0	0	0	4476
194	Left-CADG-head	0	0	0	0	3812
195	Left-subiculum	0	0	0	0	4005
196	Left-fimbria	0	0	0	0	3449
197	Right-hippocampal_fissure	0	0	0	0	3391
198	Right-CADG-head	0	0	0	0	3283
199	Right-subiculum	0	0	0	0	3003
100	Right-fimbria	0	0	0	0	2747
201	alveus	0	0	0	0	2484
202	perforant_pathway	0	0	0	0	2075

203 parasubiculum	0	0	0	0	2206
204 presubiculum	0	0	0	0	1936
205 subiculum	0	0	0	0	1928
206 CA1	0	0	0	0	1607
207 CA2	0	0	0	0	1746
208 CA3	0	0	0	0	1451
209 CA4	0	0	0	0	1504
210 GC-ML-DG	0	0	0	0	1345
211 HATA	0	0	0	0	1346
212 fimbria	0	0	0	0	1224
213 lateral_ventricle	0	0	0	0	1317
214 molecular_layer_HP	0	0	0	0	1242
215 hippocampal_fissure	0	0	0	0	1057
216 entorhinal_cortex	0	0	0	0	1089
217 molecular_layer_subiculum	0	0	0	0	962
218 Amygdala	0	0	0	0	1015
219 Cerebral_White_Matter	0	0	0	0	921
220 Cerebral_Cortex	0	0	0	0	860
221 Inf_Lat_Vent	0	0	0	0	828
222 Perirhinal	0	0	0	0	757
223 Cerebral_White_Matter_Edge	0	0	0	0	777
224 Background	0	0	0	0	704
225 Ectorhinal	0	0	0	0	658
226 HP_tail	0	0	0	0	668
227 ----	0	0	0	0	632
228 ----	0	0	0	0	610
229 ----	0	0	0	0	560
230 ----	0	0	0	0	499
231 ----	0	0	0	0	429
232 ----	0	0	0	0	422
233 ----	0	0	0	0	384
234 ----	0	0	0	0	306
235 ----	0	0	0	0	334
236 ----	0	0	0	0	266
237 ----	0	0	0	0	286
238 ----	0	0	0	0	218
239 ----	0	0	0	0	261
240 ----	0	0	0	0	216
241 ----	0	0	0	0	211
242 ----	0	0	0	0	192
243 ----	0	0	0	0	180

244 ----	0	0	0	0	162
245 ----	0	0	0	0	132
246 ----	0	0	0	0	147
247 ----	0	0	0	0	79
248 ----	0	0	0	0	130
249 ----	0	0	0	0	95
250 Fornix	0	0	0	0	83
251 CC_Posterior	736	736	736	0	86
252 CC_Mid_Posterior	420	420	420	0	68
253 CC_Central	533	533	533	0	70
254 CC_Mid_Anterior	482	482	482	0	69
255 CC_Anterior	771	771	771	286444	404

