>> xjview

D:\JM\_Neo\_BART\JM\_Neo\_Scripts\Neo\_RSA\RSA\_Masks\fDecision\_Mask\_FDR005\_C30.nii,1

Type: S

df: 1

Threshold

-- p value = 1

-- intensity = -1.633123935319537e+16

-- cluster size = 1

Number of clusters found: 2

----------------------

Cluster 1

Number of voxels: 110495

Peak MNI coordinate: 32 -60 -52

Peak MNI coordinate region: // Right Cerebellum // Cerebellum Posterior Lobe // Cerebellar Tonsil // undefined // undefined // Cerebelum\_8\_R (aal)

Peak intensity: 1

# voxels structure

110495 --TOTAL # VOXELS--

54320 White Matter

48381 Right Cerebrum

45280 Left Cerebrum

33132 Frontal Lobe

32932 Gray Matter

17970 Parietal Lobe

12826 Sub-lobar

11699 Occipital Lobe

11498 Temporal Lobe

11222 Sub-Gyral

8618 Middle Frontal Gyrus

7401 Cerebellum Posterior Lobe

6403 Left Cerebellum

6260 Limbic Lobe

6086 Right Cerebellum

5148 Inferior Frontal Gyrus

5128 Postcentral Gyrus

5105 Precentral Gyrus

5006 Extra-Nuclear

4984 Cerebellum Anterior Lobe

4424 Inferior Parietal Lobule

4286 brodmann area 6

4270 Superior Frontal Gyrus

4207 Cingulate Gyrus

4156 Precuneus

4004 Frontal\_Mid\_R (aal)

3981 Middle Temporal Gyrus

3911 Superior Temporal Gyrus

3587 Culmen

3504 Declive

3256 Medial Frontal Gyrus

3035 Middle Occipital Gyrus

2995 Postcentral\_L (aal)

2955 Precentral\_L (aal)

2800 Insula

2785 Lingual Gyrus

2625 Frontal\_Mid\_L (aal)

2511 Cuneus

2335 brodmann area 7

2296 Occipital\_Mid\_L (aal)

2287 brodmann area 40

2225 Lentiform Nucleus

2091 Temporal\_Mid\_L (aal)

2034 Postcentral\_R (aal)

1932 Supp\_Motor\_Area\_R (aal)

1929 Supp\_Motor\_Area\_L (aal)

1902 Temporal\_Mid\_R (aal)

1876 Precentral\_R (aal)

1860 Frontal\_Sup\_R (aal)

1843 Cingulum\_Mid\_R (aal)

1788 Parietal\_Inf\_L (aal)

1767 Lingual\_R (aal)

1714 SupraMarginal\_R (aal)

1665 Temporal\_Sup\_L (aal)

1652 Putamen

1639 Fusiform Gyrus

1599 brodmann area 9

1548 Thalamus

1534 Cerebelum\_6\_R (aal)

1524 Midbrain

1489 Cerebelum\_6\_L (aal)

1472 Precuneus\_R (aal)

1458 Cerebelum\_Crus1\_L (aal)

1455 Frontal\_Inf\_Tri\_R (aal)

1448 Superior Parietal Lobule

1426 Frontal\_Inf\_Tri\_L (aal)

1419 Insula\_L (aal)

1415 Cingulum\_Mid\_L (aal)

1346 Inter-Hemispheric

1314 brodmann area 19

1312 brodmann area 18

1275 Parietal\_Sup\_L (aal)

1272 Frontal\_Inf\_Oper\_R (aal)

1256 Fusiform\_R (aal)

1240 Occipital\_Mid\_R (aal)

1220 Insula\_R (aal)

1214 Parietal\_Sup\_R (aal)

1198 Cerebellar Tonsil

1187 Temporal\_Sup\_R (aal)

1173 Calcarine\_L (aal)

1166 brodmann area 13

1140 Fusiform\_L (aal)

1118 brodmann area 10

1098 Calcarine\_R (aal)

1076 SupraMarginal\_L (aal)

1042 Putamen\_R (aal)

1029 Parietal\_Inf\_R (aal)

992 Frontal\_Sup\_Medial\_L (aal)

985 Precuneus\_L (aal)

978 Putamen\_L (aal)

950 Anterior Cingulate

946 Lingual\_L (aal)

938 Left Brainstem

926 brodmann area 24

902 Occipital\_Sup\_R (aal)

884 Frontal\_Inf\_Oper\_L (aal)

860 Cerebelum\_Crus1\_R (aal)

858 Uvula

856 brodmann area 32

856 Frontal\_Sup\_L (aal)

851 Right Brainstem

842 Occipital\_Inf\_L (aal)

840 Thalamus\_L (aal)

835 Rolandic\_Oper\_L (aal)

820 Rolandic\_Oper\_R (aal)

819 Thalamus\_R (aal)

815 brodmann area 22

795 Temporal\_Inf\_R (aal)

785 brodmann area 3

769 brodmann area 4

765 brodmann area 37

764 Cerebelum\_8\_R (aal)

753 Cerebelum\_4\_5\_L (aal)

739 Caudate

734 Paracentral Lobule

717 Pyramis

689 Supramarginal Gyrus

681 Posterior Cingulate

678 brodmann area 8

674 Cerebelum\_4\_5\_R (aal)

659 Occipital\_Sup\_L (aal)

659 Cingulum\_Ant\_L (aal)

649 Temporal\_Inf\_L (aal)

632 Occipital\_Inf\_R (aal)

631 Cerebelum\_Crus2\_L (aal)

616 Frontal\_Inf\_Orb\_R (aal)

612 Vermis\_4\_5 (aal)

612 Caudate\_R (aal)

611 brodmann area 2

578 brodmann area 47

572 Inferior Occipital Gyrus

571 Angular\_R (aal)

561 Parahippocampa Gyrus

561 Cingulum\_Ant\_R (aal)

510 Frontal\_Sup\_Medial\_R (aal)

505 brodmann area 31

466 Tuber

447 brodmann area 46

436 brodmann area 21

433 Caudate\_L (aal)

430 Inferior Temporal Gyrus

425 Cuneus\_R (aal)

421 brodmann area 5

418 Cerebelum\_8\_L (aal)

412 Inferior Semi-Lunar Lobule

412 Frontal\_Inf\_Orb\_L (aal)

402 Dentate

394 Lateral Globus Pallidus

390 brodmann area 44

384 Caudate Head

382 brodmann area 17

368 Paracentral\_Lobule\_L (aal)

367 Vermis\_6 (aal)

364 Cerebelum\_9\_L (aal)

363 Corpus Callosum

350 Caudate Body

343 Claustrum

331 Transverse Temporal Gyrus

323 Temporal\_Pole\_Sup\_L (aal)

322 brodmann area 30

303 brodmann area 45

302 Cerebelum\_9\_R (aal)

291 brodmann area 41

280 Subcallosal Gyrus

272 Pallidum\_L (aal)

269 brodmann area 39

268 Frontal\_Mid\_Orb\_R (aal)

267 Pallidum\_R (aal)

249 Nodule

247 brodmann area 42

243 Vermis\_8 (aal)

234 Pulvinar

223 brodmann area 43

221 brodmann area 38

219 Cerebelum\_Crus2\_R (aal)

217 Ventral Lateral Nucleus

212 Frontal-Temporal Space

211 Cerebro-Spinal Fluid

207 Medial Dorsal Nucleus

199 brodmann area 23

189 Vermis\_7 (aal)

178 brodmann area 20

176 Temporal\_Pole\_Sup\_R (aal)

171 Vermis\_9 (aal)

170 Cerebelum\_7b\_L (aal)

163 Cerebellar Lingual

156 Medial Globus Pallidus

154 Vermis\_3 (aal)

152 Pons

150 Lateral Ventricle

148 brodmann area 1

148 Heschl\_L (aal)

137 Hippocampus\_R (aal)

133 Angular\_L (aal)

129 Hippocampus\_L (aal)

126 Declive of Vermis

126 Ventral Anterior Nucleus

122 Amygdala\_L (aal)

121 Frontal\_Mid\_Orb\_L (aal)

119 Medulla

117 Paracentral\_Lobule\_R (aal)

113 Amygdala

110 Amygdala\_R (aal)

108 Cerebelum\_7b\_R (aal)

102 Superior Occipital Gyrus

101 Fastigium

101 brodmann area 34

89 Olfactory\_R (aal)

89 Olfactory\_L (aal)

79 Ventral Posterior Lateral Nucleus

77 Culmen of Vermis

73 Red Nucleus

73 Rectus\_R (aal)

72 Frontal\_Sup\_Orb\_R (aal)

70 Angular Gyrus

67 Heschl\_R (aal)

66 brodmann area 11

58 Uvula of Vermis

56 Substania Nigra

55 Fourth Ventricle

51 Frontal\_Sup\_Orb\_L (aal)

50 Cerebelum\_3\_R (aal)

50 Lateral Posterior Nucleus

49 Vermis\_10 (aal)

48 Cerebelum\_3\_L (aal)

47 Mammillary Body

44 Subthalamic Nucleus

43 Rectus\_L (aal)

42 Pyramis of Vermis

35 ParaHippocampal\_L (aal)

33 Frontal\_Med\_Orb\_L (aal)

32 brodmann area 33

31 Ventral Posterior Medial Nucleus

30 ParaHippocampal\_R (aal)

28 Cuneus\_L (aal)

25 brodmann area 27

23 Tuber of Vermis

20 brodmann area 25

20 Optic Tract

20 brodmann area 28

17 Frontal\_Med\_Orb\_R (aal)

16 Medial Geniculum Body

11 Vermis\_1\_2 (aal)

10 Lateral Geniculum Body

10 brodmann area 35

9 Cerebelum\_10\_L (aal)

8 Lateral Dorsal Nucleus

7 Cerebelum\_10\_R (aal)

7 Hypothalamus

6 Third Ventricle

5 Midline Nucleus

5 Caudate Tail

5 brodmann area 36

3 Anterior Commissure

2 Hippocampus

1 Temporal\_Pole\_Mid\_L (aal)

1 brodmann area 29

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Cluster 2

Number of voxels: 46

Peak MNI coordinate: 2 66 18

Peak MNI coordinate region: // undefined // undefined // undefined // undefined // undefined // Frontal\_Sup\_Medial\_L (aal)

Peak intensity: 1

# voxels structure

46 --TOTAL # VOXELS--

30 Frontal\_Sup\_Medial\_L (aal)

11 Inter-Hemispheric

11 Frontal\_Sup\_Medial\_R (aal)

7 Frontal Lobe

5 Medial Frontal Gyrus

4 Gray Matter

4 brodmann area 10

4 Left Cerebrum

3 Right Cerebrum

1 Superior Frontal Gyrus

D:\JM\_Neo\_BART\JM\_Neo\_Scripts\Neo\_RSA\RSA\_Masks\fReward\_Mask\_FDR005\_C30.nii,1

Type: S

df: 1

Threshold

-- p value = 1

-- intensity = -1.633123935319537e+16

-- cluster size = 1

Number of clusters found: 2

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Cluster 1

Number of voxels: 86600

Peak MNI coordinate: 32 -60 -52

Peak MNI coordinate region: // Right Cerebellum // Cerebellum Posterior Lobe // Cerebellar Tonsil // undefined // undefined // Cerebelum\_8\_R (aal)

Peak intensity: 1

# voxels structure

86600 --TOTAL # VOXELS--

41889 White Matter

38692 Right Cerebrum

34723 Left Cerebrum

28224 Frontal Lobe

25534 Gray Matter

12615 Parietal Lobe

11455 Occipital Lobe

10575 Temporal Lobe

7816 Middle Frontal Gyrus

7064 Sub-Gyral

6825 Sub-lobar

6107 Cerebellum Posterior Lobe

5260 Inferior Frontal Gyrus

5188 Superior Frontal Gyrus

4882 Left Cerebellum

4789 Right Cerebellum

4293 Postcentral Gyrus

4181 Inferior Parietal Lobule

4176 Frontal\_Mid\_R (aal)

4008 Superior Temporal Gyrus

3872 Precentral Gyrus

3578 Middle Temporal Gyrus

3512 Cerebellum Anterior Lobe

3445 Declive

3405 Limbic Lobe

3143 Extra-Nuclear

3013 brodmann area 6

2969 Culmen

2934 Middle Occipital Gyrus

2822 Cuneus

2743 Lingual Gyrus

2596 Postcentral\_L (aal)

2500 Precentral\_L (aal)

2435 Medial Frontal Gyrus

2306 Frontal\_Sup\_R (aal)

2291 Temporal\_Mid\_L (aal)

2105 brodmann area 40

1955 Insula

1925 Cingulate Gyrus

1903 Frontal\_Mid\_L (aal)

1861 Inter-Hemispheric

1708 Temporal\_Mid\_R (aal)

1684 brodmann area 9

1674 Temporal\_Sup\_L (aal)

1661 Occipital\_Mid\_L (aal)

1658 SupraMarginal\_R (aal)

1655 Parietal\_Inf\_L (aal)

1635 Fusiform Gyrus

1610 Supp\_Motor\_Area\_L (aal)

1589 brodmann area 18

1497 Cerebelum\_6\_L (aal)

1487 Cerebelum\_6\_R (aal)

1458 Lingual\_R (aal)

1455 Frontal\_Sup\_Medial\_L (aal)

1436 Postcentral\_R (aal)

1408 Cerebelum\_Crus1\_L (aal)

1392 Frontal\_Inf\_Tri\_R (aal)

1362 brodmann area 10

1306 Precuneus

1286 Temporal\_Sup\_R (aal)

1269 Frontal\_Inf\_Tri\_L (aal)

1236 Lingual\_L (aal)

1232 Calcarine\_L (aal)

1221 Frontal\_Inf\_Oper\_R (aal)

1210 Fusiform\_R (aal)

1176 Supp\_Motor\_Area\_R (aal)

1148 brodmann area 8

1131 Fusiform\_L (aal)

1119 Calcarine\_R (aal)

1101 Frontal\_Sup\_Medial\_R (aal)

1037 Parietal\_Inf\_R (aal)

1025 Superior Parietal Lobule

999 brodmann area 7

995 brodmann area 19

993 Insula\_R (aal)

975 Insula\_L (aal)

975 Precentral\_R (aal)

965 Occipital\_Mid\_R (aal)

930 Lentiform Nucleus

927 SupraMarginal\_L (aal)

890 brodmann area 22

842 Occipital\_Inf\_L (aal)

839 Parietal\_Sup\_R (aal)

797 Frontal\_Inf\_Orb\_R (aal)

794 Cingulum\_Mid\_R (aal)

786 Temporal\_Inf\_R (aal)

776 Angular\_R (aal)

769 brodmann area 13

758 Supramarginal Gyrus

753 Cerebelum\_Crus1\_R (aal)

741 Cingulum\_Mid\_L (aal)

732 Anterior Cingulate

726 Uvula

719 brodmann area 21

703 brodmann area 32

695 Putamen

678 brodmann area 37

663 Cerebelum\_4\_5\_R (aal)

656 Cerebelum\_Crus2\_L (aal)

655 Occipital\_Inf\_R (aal)

653 Parietal\_Sup\_L (aal)

650 brodmann area 47

637 Frontal\_Inf\_Oper\_L (aal)

607 Rolandic\_Oper\_L (aal)

601 Rolandic\_Oper\_R (aal)

599 brodmann area 4

596 Posterior Cingulate

592 Cingulum\_Ant\_L (aal)

591 Frontal\_Inf\_Orb\_L (aal)

579 brodmann area 2

577 Vermis\_4\_5 (aal)

572 Inferior Occipital Gyrus

556 Pyramis

555 brodmann area 24

535 brodmann area 3

525 Thalamus

521 Cingulum\_Ant\_R (aal)

492 Occipital\_Sup\_R (aal)

472 Cerebelum\_4\_5\_L (aal)

466 Tuber

450 Corpus Callosum

446 Temporal\_Inf\_L (aal)

441 brodmann area 17

434 Precuneus\_R (aal)

434 brodmann area 46

426 Putamen\_L (aal)

420 Frontal\_Sup\_L (aal)

409 brodmann area 45

388 Cerebellar Tonsil

386 Cerebelum\_8\_R (aal)

384 Midbrain

369 Vermis\_6 (aal)

367 brodmann area 44

366 Inferior Temporal Gyrus

365 Temporal\_Pole\_Sup\_L (aal)

343 Occipital\_Sup\_L (aal)

321 Cuneus\_R (aal)

319 Putamen\_R (aal)

307 brodmann area 30

304 Precuneus\_L (aal)

291 Transverse Temporal Gyrus

284 Inferior Semi-Lunar Lobule

273 Parahippocampa Gyrus

269 Thalamus\_L (aal)

259 Cerebelum\_Crus2\_R (aal)

242 Frontal\_Mid\_Orb\_R (aal)

242 Paracentral\_Lobule\_L (aal)

237 brodmann area 38

230 Vermis\_8 (aal)

228 brodmann area 43

227 Left Brainstem

224 Cerebelum\_8\_L (aal)

223 brodmann area 42

215 Temporal\_Pole\_Sup\_R (aal)

211 Cuneus\_L (aal)

208 Paracentral Lobule

207 Paracentral\_Lobule\_R (aal)

207 Frontal-Temporal Space

200 brodmann area 41

196 Caudate\_R (aal)

189 Vermis\_7 (aal)

187 Claustrum

181 Lateral Globus Pallidus

175 brodmann area 31

169 Caudate\_L (aal)

158 Right Brainstem

152 brodmann area 23

151 Dentate

151 brodmann area 20

143 Thalamus\_R (aal)

138 brodmann area 1

135 brodmann area 5

135 brodmann area 39

135 Cerebelum\_7b\_L (aal)

127 Pulvinar

126 Declive of Vermis

120 Frontal\_Mid\_Orb\_L (aal)

100 Pallidum\_L (aal)

96 Vermis\_9 (aal)

92 Hippocampus\_R (aal)

91 Heschl\_L (aal)

89 Pallidum\_R (aal)

89 Ventral Lateral Nucleus

89 Nodule

77 Culmen of Vermis

71 Cerebro-Spinal Fluid

68 Lateral Ventricle

66 Cerebelum\_7b\_R (aal)

63 Hippocampus\_L (aal)

62 Heschl\_R (aal)

61 brodmann area 11

56 Frontal\_Sup\_Orb\_R (aal)

56 Angular Gyrus

53 Uvula of Vermis

53 Fastigium

53 Vermis\_3 (aal)

53 Angular\_L (aal)

51 Superior Occipital Gyrus

49 Frontal\_Sup\_Orb\_L (aal)

46 Ventral Anterior Nucleus

45 Caudate

42 Pyramis of Vermis

38 Lateral Posterior Nucleus

38 Cerebelum\_9\_R (aal)

37 Frontal\_Med\_Orb\_L (aal)

36 Medial Globus Pallidus

36 Caudate Body

32 Frontal\_Med\_Orb\_R (aal)

31 brodmann area 27

28 Ventral Posterior Lateral Nucleus

24 brodmann area 29

23 Tuber of Vermis

23 Cerebellar Lingual

20 Vermis\_10 (aal)

20 Substania Nigra

20 Cingulum\_Post\_R (aal)

18 brodmann area 33

17 Cerebelum\_3\_R (aal)

17 Medial Dorsal Nucleus

14 Medial Geniculum Body

13 Subthalamic Nucleus

13 brodmann area 28

12 Amygdala\_L (aal)

12 Optic Tract

12 Amygdala\_R (aal)

10 Lateral Geniculum Body

9 ParaHippocampal\_R (aal)

9 Caudate Tail

9 Cerebelum\_9\_L (aal)

6 Ventral Posterior Medial Nucleus

5 Cingulum\_Post\_L (aal)

5 Amygdala

4 Hippocampus

4 brodmann area 36

3 brodmann area 35

3 Red Nucleus

3 Fourth Ventricle

3 Temporal\_Pole\_Mid\_L (aal)

2 Olfactory\_R (aal)

2 Mammillary Body

1 ParaHippocampal\_L (aal)

1 brodmann area 34

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Cluster 2

Number of voxels: 78

Peak MNI coordinate: 12 10 -20

Peak MNI coordinate region: // Right Cerebrum // Frontal Lobe // Medial Frontal Gyrus // Gray Matter // brodmann area 25 // Olfactory\_R (aal)

Peak intensity: 1

# voxels structure

78 --TOTAL # VOXELS--

78 Frontal Lobe

78 Right Cerebrum

52 White Matter

47 Olfactory\_R (aal)

47 Subcallosal Gyrus

26 Rectus\_R (aal)

25 Medial Frontal Gyrus

22 Gray Matter

20 brodmann area 25

4 Sub-Gyral

2 Inferior Frontal Gyrus

2 brodmann area 47

2 Frontal\_Sup\_Orb\_R (aal)

1 Frontal\_Med\_Orb\_R (aal)

D:\JM\_Neo\_BART\JM\_Neo\_Scripts\Neo\_RSA\RSA\_Masks\fRisk\_Mask\_FDR005\_C30.nii,1

Type: S

df: 1

Threshold

-- p value = 1

-- intensity = -1.633123935319537e+16

-- cluster size = 1

Number of clusters found: 2

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Cluster 1

Number of voxels: 77808

Peak MNI coordinate: 32 -60 -52

Peak MNI coordinate region: // Right Cerebellum // Cerebellum Posterior Lobe // Cerebellar Tonsil // undefined // undefined // Cerebelum\_8\_R (aal)

Peak intensity: 1

# voxels structure

77808 --TOTAL # VOXELS--

37820 White Matter

36119 Right Cerebrum

29978 Left Cerebrum

24711 Frontal Lobe

23026 Gray Matter

12032 Temporal Lobe

11792 Parietal Lobe

10977 Occipital Lobe

7009 Middle Frontal Gyrus

6543 Sub-Gyral

5774 Inferior Frontal Gyrus

5508 Cerebellum Posterior Lobe

4599 Superior Frontal Gyrus

4392 Middle Temporal Gyrus

4365 Superior Temporal Gyrus

4345 Sub-lobar

4313 Right Cerebellum

4097 Left Cerebellum

3961 Frontal\_Mid\_R (aal)

3899 Inferior Parietal Lobule

3366 Declive

3319 Postcentral Gyrus

3079 Middle Occipital Gyrus

2838 Cerebellum Anterior Lobe

2764 Precentral Gyrus

2624 brodmann area 6

2564 Temporal\_Mid\_L (aal)

2492 Lingual Gyrus

2388 Culmen

2325 Cuneus

2269 Temporal\_Mid\_R (aal)

2198 Precentral\_L (aal)

2126 brodmann area 40

1931 Limbic Lobe

1930 Medial Frontal Gyrus

1920 Occipital\_Mid\_L (aal)

1885 Frontal\_Sup\_R (aal)

1783 Postcentral\_L (aal)

1742 Insula

1740 SupraMarginal\_R (aal)

1729 Fusiform Gyrus

1649 Frontal\_Inf\_Tri\_R (aal)

1640 brodmann area 9

1612 Precuneus

1519 Frontal\_Mid\_L (aal)

1483 Temporal\_Sup\_L (aal)

1482 Supp\_Motor\_Area\_L (aal)

1452 Frontal\_Inf\_Tri\_L (aal)

1447 Temporal\_Sup\_R (aal)

1421 Cerebelum\_6\_R (aal)

1416 Cerebelum\_6\_L (aal)

1379 Inter-Hemispheric

1347 brodmann area 18

1346 Parietal\_Inf\_L (aal)

1341 Fusiform\_R (aal)

1338 Extra-Nuclear

1312 Cerebelum\_Crus1\_L (aal)

1259 Lingual\_R (aal)

1251 Frontal\_Inf\_Oper\_R (aal)

1241 Frontal\_Sup\_Medial\_L (aal)

1207 Fusiform\_L (aal)

1196 SupraMarginal\_L (aal)

1194 Cingulate Gyrus

1140 Supp\_Motor\_Area\_R (aal)

1106 brodmann area 7

1050 Occipital\_Mid\_R (aal)

1043 Insula\_R (aal)

1042 Parietal\_Inf\_R (aal)

1039 brodmann area 19

1027 Frontal\_Sup\_Medial\_R (aal)

1016 brodmann area 10

1008 Superior Parietal Lobule

1003 Insula\_L (aal)

982 brodmann area 8

980 Parietal\_Sup\_R (aal)

974 Supramarginal Gyrus

960 Postcentral\_R (aal)

935 Thalamus

901 Lingual\_L (aal)

863 Precentral\_R (aal)

855 brodmann area 22

842 Occipital\_Inf\_L (aal)

812 Calcarine\_L (aal)

793 brodmann area 13

792 Frontal\_Inf\_Oper\_L (aal)

786 Temporal\_Inf\_R (aal)

781 brodmann area 21

770 Calcarine\_R (aal)

756 brodmann area 37

753 Frontal\_Inf\_Orb\_R (aal)

706 Uvula

687 brodmann area 47

681 Occipital\_Sup\_R (aal)

664 Cerebelum\_Crus1\_R (aal)

660 Midbrain

657 Angular\_R (aal)

654 Occipital\_Inf\_R (aal)

601 Temporal\_Pole\_Sup\_L (aal)

595 Parietal\_Sup\_L (aal)

588 Cerebelum\_4\_5\_R (aal)

584 Cingulum\_Mid\_R (aal)

584 Precuneus\_R (aal)

573 Frontal\_Inf\_Orb\_L (aal)

571 Inferior Occipital Gyrus

558 Cerebelum\_Crus2\_L (aal)

542 brodmann area 32

530 Vermis\_4\_5 (aal)

505 Pyramis

503 brodmann area 2

499 Thalamus\_L (aal)

492 brodmann area 45

468 brodmann area 38

466 Occipital\_Sup\_L (aal)

466 brodmann area 4

434 Temporal\_Inf\_L (aal)

421 Anterior Cingulate

407 brodmann area 46

400 Rolandic\_Oper\_R (aal)

396 Rolandic\_Oper\_L (aal)

395 brodmann area 17

384 brodmann area 44

379 Cingulum\_Ant\_R (aal)

375 Thalamus\_R (aal)

370 Cingulum\_Mid\_L (aal)

368 Vermis\_6 (aal)

353 Left Brainstem

348 Inferior Temporal Gyrus

340 brodmann area 3

335 Temporal\_Pole\_Sup\_R (aal)

320 Cingulum\_Ant\_L (aal)

308 Right Brainstem

307 Tuber

290 Cerebelum\_8\_R (aal)

281 Frontal\_Sup\_L (aal)

273 Parahippocampa Gyrus

252 Transverse Temporal Gyrus

251 Inferior Semi-Lunar Lobule

231 brodmann area 24

228 brodmann area 42

220 Lentiform Nucleus

217 Vermis\_8 (aal)

216 Cerebelum\_Crus2\_R (aal)

212 Cerebelum\_4\_5\_L (aal)

210 Frontal\_Mid\_Orb\_R (aal)

205 Frontal-Temporal Space

203 brodmann area 39

200 Cuneus\_R (aal)

189 Vermis\_7 (aal)

185 Precuneus\_L (aal)

173 Pulvinar

164 brodmann area 41

162 Ventral Lateral Nucleus

158 Posterior Cingulate

153 brodmann area 43

151 brodmann area 20

149 Cerebelum\_8\_L (aal)

146 Corpus Callosum

138 Cerebellar Tonsil

137 Vermis\_9 (aal)

126 Declive of Vermis

125 brodmann area 1

121 Nodule

119 brodmann area 30

114 Paracentral\_Lobule\_R (aal)

110 Medial Dorsal Nucleus

107 Putamen

106 Cerebelum\_7b\_L (aal)

99 Claustrum

93 Dentate

92 Paracentral Lobule

91 Paracentral\_Lobule\_L (aal)

84 Putamen\_R (aal)

77 Culmen of Vermis

73 Lateral Globus Pallidus

73 Hippocampus\_R (aal)

66 brodmann area 5

65 Cerebelum\_7b\_R (aal)

65 brodmann area 23

61 Ventral Anterior Nucleus

57 Hippocampus\_L (aal)

55 Superior Occipital Gyrus

52 Vermis\_3 (aal)

51 Fastigium

51 Frontal\_Mid\_Orb\_L (aal)

50 Heschl\_L (aal)

48 Ventral Posterior Lateral Nucleus

47 Uvula of Vermis

42 Pyramis of Vermis

42 brodmann area 11

42 Caudate\_L (aal)

40 Cuneus\_L (aal)

40 Cerebelum\_9\_R (aal)

39 Caudate\_R (aal)

38 Temporal\_Pole\_Mid\_R (aal)

35 Angular\_L (aal)

32 Cerebellar Lingual

32 Cerebelum\_9\_L (aal)

30 Substania Nigra

30 Subthalamic Nucleus

30 Cerebro-Spinal Fluid

29 brodmann area 31

28 brodmann area 27

27 Pallidum\_R (aal)

25 Mammillary Body

25 Vermis\_10 (aal)

25 Medial Globus Pallidus

25 Frontal\_Sup\_Orb\_L (aal)

25 Putamen\_L (aal)

24 Lateral Posterior Nucleus

24 Pallidum\_L (aal)

23 Tuber of Vermis

23 Frontal\_Sup\_Orb\_R (aal)

17 Heschl\_R (aal)

17 Ventral Posterior Medial Nucleus

16 Angular Gyrus

15 Fourth Ventricle

15 Medial Geniculum Body

15 Lateral Ventricle

15 Red Nucleus

12 Optic Tract

11 ParaHippocampal\_R (aal)

11 brodmann area 28

11 brodmann area 36

10 brodmann area 34

10 Lateral Geniculum Body

9 Uncus

7 brodmann area 33

7 Temporal\_Pole\_Mid\_L (aal)

7 Amygdala\_L (aal)

6 Cerebelum\_3\_R (aal)

6 Caudate

4 Caudate Body

3 Amygdala\_R (aal)

2 ParaHippocampal\_L (aal)

2 brodmann area 35

2 Caudate Tail

1 Cingulum\_Post\_R (aal)

1 Olfactory\_L (aal)

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Cluster 2

Number of voxels: 41

Peak MNI coordinate: 14 12 -20

Peak MNI coordinate region: // Right Cerebrum // Frontal Lobe // Medial Frontal Gyrus // Gray Matter // brodmann area 25 // Olfactory\_R (aal)

Peak intensity: 1

# voxels structure

41 --TOTAL # VOXELS--

41 Frontal Lobe

41 Right Cerebrum

31 White Matter

28 Subcallosal Gyrus

26 Olfactory\_R (aal)

14 Rectus\_R (aal)

13 Medial Frontal Gyrus

9 brodmann area 25

9 Gray Matter

1 Frontal\_Sup\_Orb\_R (aal)

D:\JM\_Neo\_BART\JM\_Neo\_Scripts\Neo\_RSA\RSA\_Templates\fDecision\_spmT\_0001\_FDR005\_C30.nii,1

Type: T

df: 79

Threshold

-- p value = 1

-- intensity = -Inf

-- cluster size = 1

Number of clusters found: 2

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Cluster 1

Number of voxels: 110495

Peak MNI coordinate: -4 2 54

Peak MNI coordinate region: // Left Cerebrum // Frontal Lobe // Medial Frontal Gyrus // Gray Matter // brodmann area 6 // Supp\_Motor\_Area\_L (aal)

Peak intensity: 15.484

# voxels structure

110495 --TOTAL # VOXELS--

54320 White Matter

48381 Right Cerebrum

45280 Left Cerebrum

33132 Frontal Lobe

32932 Gray Matter

17970 Parietal Lobe

12826 Sub-lobar

11699 Occipital Lobe

11498 Temporal Lobe

11222 Sub-Gyral

8618 Middle Frontal Gyrus

7401 Cerebellum Posterior Lobe

6403 Left Cerebellum

6260 Limbic Lobe

6086 Right Cerebellum

5148 Inferior Frontal Gyrus

5128 Postcentral Gyrus

5105 Precentral Gyrus

5006 Extra-Nuclear

4984 Cerebellum Anterior Lobe

4424 Inferior Parietal Lobule

4286 brodmann area 6

4270 Superior Frontal Gyrus

4207 Cingulate Gyrus

4156 Precuneus

4004 Frontal\_Mid\_R (aal)

3981 Middle Temporal Gyrus

3911 Superior Temporal Gyrus

3587 Culmen

3504 Declive

3256 Medial Frontal Gyrus

3035 Middle Occipital Gyrus

2995 Postcentral\_L (aal)

2955 Precentral\_L (aal)

2800 Insula

2785 Lingual Gyrus

2625 Frontal\_Mid\_L (aal)

2511 Cuneus

2335 brodmann area 7

2296 Occipital\_Mid\_L (aal)

2287 brodmann area 40

2225 Lentiform Nucleus

2091 Temporal\_Mid\_L (aal)

2034 Postcentral\_R (aal)

1932 Supp\_Motor\_Area\_R (aal)

1929 Supp\_Motor\_Area\_L (aal)

1902 Temporal\_Mid\_R (aal)

1876 Precentral\_R (aal)

1860 Frontal\_Sup\_R (aal)

1843 Cingulum\_Mid\_R (aal)

1788 Parietal\_Inf\_L (aal)

1767 Lingual\_R (aal)

1714 SupraMarginal\_R (aal)

1665 Temporal\_Sup\_L (aal)

1652 Putamen

1639 Fusiform Gyrus

1599 brodmann area 9

1548 Thalamus

1534 Cerebelum\_6\_R (aal)

1524 Midbrain

1489 Cerebelum\_6\_L (aal)

1472 Precuneus\_R (aal)

1458 Cerebelum\_Crus1\_L (aal)

1455 Frontal\_Inf\_Tri\_R (aal)

1448 Superior Parietal Lobule

1426 Frontal\_Inf\_Tri\_L (aal)

1419 Insula\_L (aal)

1415 Cingulum\_Mid\_L (aal)

1346 Inter-Hemispheric

1314 brodmann area 19

1312 brodmann area 18

1275 Parietal\_Sup\_L (aal)

1272 Frontal\_Inf\_Oper\_R (aal)

1256 Fusiform\_R (aal)

1240 Occipital\_Mid\_R (aal)

1220 Insula\_R (aal)

1214 Parietal\_Sup\_R (aal)

1198 Cerebellar Tonsil

1187 Temporal\_Sup\_R (aal)

1173 Calcarine\_L (aal)

1166 brodmann area 13

1140 Fusiform\_L (aal)

1118 brodmann area 10

1098 Calcarine\_R (aal)

1076 SupraMarginal\_L (aal)

1042 Putamen\_R (aal)

1029 Parietal\_Inf\_R (aal)

992 Frontal\_Sup\_Medial\_L (aal)

985 Precuneus\_L (aal)

978 Putamen\_L (aal)

950 Anterior Cingulate

946 Lingual\_L (aal)

938 Left Brainstem

926 brodmann area 24

902 Occipital\_Sup\_R (aal)

884 Frontal\_Inf\_Oper\_L (aal)

860 Cerebelum\_Crus1\_R (aal)

858 Uvula

856 brodmann area 32

856 Frontal\_Sup\_L (aal)

851 Right Brainstem

842 Occipital\_Inf\_L (aal)

840 Thalamus\_L (aal)

835 Rolandic\_Oper\_L (aal)

820 Rolandic\_Oper\_R (aal)

819 Thalamus\_R (aal)

815 brodmann area 22

795 Temporal\_Inf\_R (aal)

785 brodmann area 3

769 brodmann area 4

765 brodmann area 37

764 Cerebelum\_8\_R (aal)

753 Cerebelum\_4\_5\_L (aal)

739 Caudate

734 Paracentral Lobule

717 Pyramis

689 Supramarginal Gyrus

681 Posterior Cingulate

678 brodmann area 8

674 Cerebelum\_4\_5\_R (aal)

659 Occipital\_Sup\_L (aal)

659 Cingulum\_Ant\_L (aal)

649 Temporal\_Inf\_L (aal)

632 Occipital\_Inf\_R (aal)

631 Cerebelum\_Crus2\_L (aal)

616 Frontal\_Inf\_Orb\_R (aal)

612 Vermis\_4\_5 (aal)

612 Caudate\_R (aal)

611 brodmann area 2

578 brodmann area 47

572 Inferior Occipital Gyrus

571 Angular\_R (aal)

561 Parahippocampa Gyrus

561 Cingulum\_Ant\_R (aal)

510 Frontal\_Sup\_Medial\_R (aal)

505 brodmann area 31

466 Tuber

447 brodmann area 46

436 brodmann area 21

433 Caudate\_L (aal)

430 Inferior Temporal Gyrus

425 Cuneus\_R (aal)

421 brodmann area 5

418 Cerebelum\_8\_L (aal)

412 Inferior Semi-Lunar Lobule

412 Frontal\_Inf\_Orb\_L (aal)

402 Dentate

394 Lateral Globus Pallidus

390 brodmann area 44

384 Caudate Head

382 brodmann area 17

368 Paracentral\_Lobule\_L (aal)

367 Vermis\_6 (aal)

364 Cerebelum\_9\_L (aal)

363 Corpus Callosum

350 Caudate Body

343 Claustrum

331 Transverse Temporal Gyrus

323 Temporal\_Pole\_Sup\_L (aal)

322 brodmann area 30

303 brodmann area 45

302 Cerebelum\_9\_R (aal)

291 brodmann area 41

280 Subcallosal Gyrus

272 Pallidum\_L (aal)

269 brodmann area 39

268 Frontal\_Mid\_Orb\_R (aal)

267 Pallidum\_R (aal)

249 Nodule

247 brodmann area 42

243 Vermis\_8 (aal)

234 Pulvinar

223 brodmann area 43

221 brodmann area 38

219 Cerebelum\_Crus2\_R (aal)

217 Ventral Lateral Nucleus

212 Frontal-Temporal Space

211 Cerebro-Spinal Fluid

207 Medial Dorsal Nucleus

199 brodmann area 23

189 Vermis\_7 (aal)

178 brodmann area 20

176 Temporal\_Pole\_Sup\_R (aal)

171 Vermis\_9 (aal)

170 Cerebelum\_7b\_L (aal)

163 Cerebellar Lingual

156 Medial Globus Pallidus

154 Vermis\_3 (aal)

152 Pons

150 Lateral Ventricle

148 brodmann area 1

148 Heschl\_L (aal)

137 Hippocampus\_R (aal)

133 Angular\_L (aal)

129 Hippocampus\_L (aal)

126 Declive of Vermis

126 Ventral Anterior Nucleus

122 Amygdala\_L (aal)

121 Frontal\_Mid\_Orb\_L (aal)

119 Medulla

117 Paracentral\_Lobule\_R (aal)

113 Amygdala

110 Amygdala\_R (aal)

108 Cerebelum\_7b\_R (aal)

102 Superior Occipital Gyrus

101 Fastigium

101 brodmann area 34

89 Olfactory\_R (aal)

89 Olfactory\_L (aal)

79 Ventral Posterior Lateral Nucleus

77 Culmen of Vermis

73 Red Nucleus

73 Rectus\_R (aal)

72 Frontal\_Sup\_Orb\_R (aal)

70 Angular Gyrus

67 Heschl\_R (aal)

66 brodmann area 11

58 Uvula of Vermis

56 Substania Nigra

55 Fourth Ventricle

51 Frontal\_Sup\_Orb\_L (aal)

50 Cerebelum\_3\_R (aal)

50 Lateral Posterior Nucleus

49 Vermis\_10 (aal)

48 Cerebelum\_3\_L (aal)

47 Mammillary Body

44 Subthalamic Nucleus

43 Rectus\_L (aal)

42 Pyramis of Vermis

35 ParaHippocampal\_L (aal)

33 Frontal\_Med\_Orb\_L (aal)

32 brodmann area 33

31 Ventral Posterior Medial Nucleus

30 ParaHippocampal\_R (aal)

28 Cuneus\_L (aal)

25 brodmann area 27

23 Tuber of Vermis

20 brodmann area 25

20 Optic Tract

20 brodmann area 28

17 Frontal\_Med\_Orb\_R (aal)

16 Medial Geniculum Body

11 Vermis\_1\_2 (aal)

10 Lateral Geniculum Body

10 brodmann area 35

9 Cerebelum\_10\_L (aal)

8 Lateral Dorsal Nucleus

7 Cerebelum\_10\_R (aal)

7 Hypothalamus

6 Third Ventricle

5 Midline Nucleus

5 Caudate Tail

5 brodmann area 36

3 Anterior Commissure

2 Hippocampus

1 Temporal\_Pole\_Mid\_L (aal)

1 brodmann area 29

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Cluster 2

Number of voxels: 46

Peak MNI coordinate: 2 66 24

Peak MNI coordinate region: // undefined // undefined // undefined // undefined // undefined // Frontal\_Sup\_Medial\_L (aal)

Peak intensity: 3.2794

# voxels structure

46 --TOTAL # VOXELS--

30 Frontal\_Sup\_Medial\_L (aal)

11 Inter-Hemispheric

11 Frontal\_Sup\_Medial\_R (aal)

7 Frontal Lobe

5 Medial Frontal Gyrus

4 Gray Matter

4 brodmann area 10

4 Left Cerebrum

3 Right Cerebrum

1 Superior Frontal Gyrus

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Type: T

df: 79

Threshold

-- p value = 1

-- intensity = -Inf

-- cluster size = 1

Number of clusters found: 2

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Cluster 1

Number of voxels: 86600

Peak MNI coordinate: 20 -86 -8

Peak MNI coordinate region: // Right Cerebrum // Occipital Lobe // Lingual Gyrus // White Matter // undefined // Lingual\_R (aal)

Peak intensity: 14.6519

# voxels structure

86600 --TOTAL # VOXELS--

41889 White Matter

38692 Right Cerebrum

34723 Left Cerebrum

28224 Frontal Lobe

25534 Gray Matter

12615 Parietal Lobe

11455 Occipital Lobe

10575 Temporal Lobe

7816 Middle Frontal Gyrus

7064 Sub-Gyral

6825 Sub-lobar

6107 Cerebellum Posterior Lobe

5260 Inferior Frontal Gyrus

5188 Superior Frontal Gyrus

4882 Left Cerebellum

4789 Right Cerebellum

4293 Postcentral Gyrus

4181 Inferior Parietal Lobule

4176 Frontal\_Mid\_R (aal)

4008 Superior Temporal Gyrus

3872 Precentral Gyrus

3578 Middle Temporal Gyrus

3512 Cerebellum Anterior Lobe

3445 Declive

3405 Limbic Lobe

3143 Extra-Nuclear

3013 brodmann area 6

2969 Culmen

2934 Middle Occipital Gyrus

2822 Cuneus

2743 Lingual Gyrus

2596 Postcentral\_L (aal)

2500 Precentral\_L (aal)

2435 Medial Frontal Gyrus

2306 Frontal\_Sup\_R (aal)

2291 Temporal\_Mid\_L (aal)

2105 brodmann area 40

1955 Insula

1925 Cingulate Gyrus

1903 Frontal\_Mid\_L (aal)

1861 Inter-Hemispheric

1708 Temporal\_Mid\_R (aal)

1684 brodmann area 9

1674 Temporal\_Sup\_L (aal)

1661 Occipital\_Mid\_L (aal)

1658 SupraMarginal\_R (aal)

1655 Parietal\_Inf\_L (aal)

1635 Fusiform Gyrus

1610 Supp\_Motor\_Area\_L (aal)

1589 brodmann area 18

1497 Cerebelum\_6\_L (aal)

1487 Cerebelum\_6\_R (aal)

1458 Lingual\_R (aal)

1455 Frontal\_Sup\_Medial\_L (aal)

1436 Postcentral\_R (aal)

1408 Cerebelum\_Crus1\_L (aal)

1392 Frontal\_Inf\_Tri\_R (aal)

1362 brodmann area 10

1306 Precuneus

1286 Temporal\_Sup\_R (aal)

1269 Frontal\_Inf\_Tri\_L (aal)

1236 Lingual\_L (aal)

1232 Calcarine\_L (aal)

1221 Frontal\_Inf\_Oper\_R (aal)

1210 Fusiform\_R (aal)

1176 Supp\_Motor\_Area\_R (aal)

1148 brodmann area 8

1131 Fusiform\_L (aal)

1119 Calcarine\_R (aal)

1101 Frontal\_Sup\_Medial\_R (aal)

1037 Parietal\_Inf\_R (aal)

1025 Superior Parietal Lobule

999 brodmann area 7

995 brodmann area 19

993 Insula\_R (aal)

975 Insula\_L (aal)

975 Precentral\_R (aal)

965 Occipital\_Mid\_R (aal)

930 Lentiform Nucleus

927 SupraMarginal\_L (aal)

890 brodmann area 22

842 Occipital\_Inf\_L (aal)

839 Parietal\_Sup\_R (aal)

797 Frontal\_Inf\_Orb\_R (aal)

794 Cingulum\_Mid\_R (aal)

786 Temporal\_Inf\_R (aal)

776 Angular\_R (aal)

769 brodmann area 13

758 Supramarginal Gyrus

753 Cerebelum\_Crus1\_R (aal)

741 Cingulum\_Mid\_L (aal)

732 Anterior Cingulate

726 Uvula

719 brodmann area 21

703 brodmann area 32

695 Putamen

678 brodmann area 37

663 Cerebelum\_4\_5\_R (aal)

656 Cerebelum\_Crus2\_L (aal)

655 Occipital\_Inf\_R (aal)

653 Parietal\_Sup\_L (aal)

650 brodmann area 47

637 Frontal\_Inf\_Oper\_L (aal)

607 Rolandic\_Oper\_L (aal)

601 Rolandic\_Oper\_R (aal)

599 brodmann area 4

596 Posterior Cingulate

592 Cingulum\_Ant\_L (aal)

591 Frontal\_Inf\_Orb\_L (aal)

579 brodmann area 2

577 Vermis\_4\_5 (aal)

572 Inferior Occipital Gyrus

556 Pyramis

555 brodmann area 24

535 brodmann area 3

525 Thalamus

521 Cingulum\_Ant\_R (aal)

492 Occipital\_Sup\_R (aal)

472 Cerebelum\_4\_5\_L (aal)

466 Tuber

450 Corpus Callosum

446 Temporal\_Inf\_L (aal)

441 brodmann area 17

434 Precuneus\_R (aal)

434 brodmann area 46

426 Putamen\_L (aal)

420 Frontal\_Sup\_L (aal)

409 brodmann area 45

388 Cerebellar Tonsil

386 Cerebelum\_8\_R (aal)

384 Midbrain

369 Vermis\_6 (aal)

367 brodmann area 44

366 Inferior Temporal Gyrus

365 Temporal\_Pole\_Sup\_L (aal)

343 Occipital\_Sup\_L (aal)

321 Cuneus\_R (aal)

319 Putamen\_R (aal)

307 brodmann area 30

304 Precuneus\_L (aal)

291 Transverse Temporal Gyrus

284 Inferior Semi-Lunar Lobule

273 Parahippocampa Gyrus

269 Thalamus\_L (aal)

259 Cerebelum\_Crus2\_R (aal)

242 Frontal\_Mid\_Orb\_R (aal)

242 Paracentral\_Lobule\_L (aal)

237 brodmann area 38

230 Vermis\_8 (aal)

228 brodmann area 43

227 Left Brainstem

224 Cerebelum\_8\_L (aal)

223 brodmann area 42

215 Temporal\_Pole\_Sup\_R (aal)

211 Cuneus\_L (aal)

208 Paracentral Lobule

207 Paracentral\_Lobule\_R (aal)

207 Frontal-Temporal Space

200 brodmann area 41

196 Caudate\_R (aal)

189 Vermis\_7 (aal)

187 Claustrum

181 Lateral Globus Pallidus

175 brodmann area 31

169 Caudate\_L (aal)

158 Right Brainstem

152 brodmann area 23

151 Dentate

151 brodmann area 20

143 Thalamus\_R (aal)

138 brodmann area 1

135 brodmann area 5

135 brodmann area 39

135 Cerebelum\_7b\_L (aal)

127 Pulvinar

126 Declive of Vermis

120 Frontal\_Mid\_Orb\_L (aal)

100 Pallidum\_L (aal)

96 Vermis\_9 (aal)

92 Hippocampus\_R (aal)

91 Heschl\_L (aal)

89 Pallidum\_R (aal)

89 Ventral Lateral Nucleus

89 Nodule

77 Culmen of Vermis

71 Cerebro-Spinal Fluid

68 Lateral Ventricle

66 Cerebelum\_7b\_R (aal)

63 Hippocampus\_L (aal)

62 Heschl\_R (aal)

61 brodmann area 11

56 Frontal\_Sup\_Orb\_R (aal)

56 Angular Gyrus

53 Uvula of Vermis

53 Fastigium

53 Vermis\_3 (aal)

53 Angular\_L (aal)

51 Superior Occipital Gyrus

49 Frontal\_Sup\_Orb\_L (aal)

46 Ventral Anterior Nucleus

45 Caudate

42 Pyramis of Vermis

38 Lateral Posterior Nucleus

38 Cerebelum\_9\_R (aal)

37 Frontal\_Med\_Orb\_L (aal)

36 Medial Globus Pallidus

36 Caudate Body

32 Frontal\_Med\_Orb\_R (aal)

31 brodmann area 27

28 Ventral Posterior Lateral Nucleus

24 brodmann area 29

23 Tuber of Vermis

23 Cerebellar Lingual

20 Vermis\_10 (aal)

20 Substania Nigra

20 Cingulum\_Post\_R (aal)

18 brodmann area 33

17 Cerebelum\_3\_R (aal)

17 Medial Dorsal Nucleus

14 Medial Geniculum Body

13 Subthalamic Nucleus

13 brodmann area 28

12 Amygdala\_L (aal)

12 Optic Tract

12 Amygdala\_R (aal)

10 Lateral Geniculum Body

9 ParaHippocampal\_R (aal)

9 Caudate Tail

9 Cerebelum\_9\_L (aal)

6 Ventral Posterior Medial Nucleus

5 Cingulum\_Post\_L (aal)

5 Amygdala

4 Hippocampus

4 brodmann area 36

3 brodmann area 35

3 Red Nucleus

3 Fourth Ventricle

3 Temporal\_Pole\_Mid\_L (aal)

2 Olfactory\_R (aal)

2 Mammillary Body

1 ParaHippocampal\_L (aal)

1 brodmann area 34

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Cluster 2

Number of voxels: 78

Peak MNI coordinate: 10 18 -16

Peak MNI coordinate region: // Right Cerebrum // Frontal Lobe // Subcallosal Gyrus // White Matter // undefined // Rectus\_R (aal)

Peak intensity: 4.9884

# voxels structure

78 --TOTAL # VOXELS--

78 Frontal Lobe

78 Right Cerebrum

52 White Matter

47 Olfactory\_R (aal)

47 Subcallosal Gyrus

26 Rectus\_R (aal)

25 Medial Frontal Gyrus

22 Gray Matter

20 brodmann area 25

4 Sub-Gyral

2 Inferior Frontal Gyrus

2 brodmann area 47

2 Frontal\_Sup\_Orb\_R (aal)

1 Frontal\_Med\_Orb\_R (aal)

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Type: T

df: 79

Threshold

-- p value = 1

-- intensity = -Inf

-- cluster size = 1

Number of clusters found: 2

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Cluster 1

Number of voxels: 77808

Peak MNI coordinate: 18 -84 -10

Peak MNI coordinate region: // Right Cerebrum // Occipital Lobe // Lingual Gyrus // White Matter // undefined // Lingual\_R (aal)

Peak intensity: 16.2906

# voxels structure

77808 --TOTAL # VOXELS--

37820 White Matter

36119 Right Cerebrum

29978 Left Cerebrum

24711 Frontal Lobe

23026 Gray Matter

12032 Temporal Lobe

11792 Parietal Lobe

10977 Occipital Lobe

7009 Middle Frontal Gyrus

6543 Sub-Gyral

5774 Inferior Frontal Gyrus

5508 Cerebellum Posterior Lobe

4599 Superior Frontal Gyrus

4392 Middle Temporal Gyrus

4365 Superior Temporal Gyrus

4345 Sub-lobar

4313 Right Cerebellum

4097 Left Cerebellum

3961 Frontal\_Mid\_R (aal)

3899 Inferior Parietal Lobule

3366 Declive

3319 Postcentral Gyrus

3079 Middle Occipital Gyrus

2838 Cerebellum Anterior Lobe

2764 Precentral Gyrus

2624 brodmann area 6

2564 Temporal\_Mid\_L (aal)

2492 Lingual Gyrus

2388 Culmen

2325 Cuneus

2269 Temporal\_Mid\_R (aal)

2198 Precentral\_L (aal)

2126 brodmann area 40

1931 Limbic Lobe

1930 Medial Frontal Gyrus

1920 Occipital\_Mid\_L (aal)

1885 Frontal\_Sup\_R (aal)

1783 Postcentral\_L (aal)

1742 Insula

1740 SupraMarginal\_R (aal)

1729 Fusiform Gyrus

1649 Frontal\_Inf\_Tri\_R (aal)

1640 brodmann area 9

1612 Precuneus

1519 Frontal\_Mid\_L (aal)

1483 Temporal\_Sup\_L (aal)

1482 Supp\_Motor\_Area\_L (aal)

1452 Frontal\_Inf\_Tri\_L (aal)

1447 Temporal\_Sup\_R (aal)

1421 Cerebelum\_6\_R (aal)

1416 Cerebelum\_6\_L (aal)

1379 Inter-Hemispheric

1347 brodmann area 18

1346 Parietal\_Inf\_L (aal)

1341 Fusiform\_R (aal)

1338 Extra-Nuclear

1312 Cerebelum\_Crus1\_L (aal)

1259 Lingual\_R (aal)

1251 Frontal\_Inf\_Oper\_R (aal)

1241 Frontal\_Sup\_Medial\_L (aal)

1207 Fusiform\_L (aal)

1196 SupraMarginal\_L (aal)

1194 Cingulate Gyrus

1140 Supp\_Motor\_Area\_R (aal)

1106 brodmann area 7

1050 Occipital\_Mid\_R (aal)

1043 Insula\_R (aal)

1042 Parietal\_Inf\_R (aal)

1039 brodmann area 19

1027 Frontal\_Sup\_Medial\_R (aal)

1016 brodmann area 10

1008 Superior Parietal Lobule

1003 Insula\_L (aal)

982 brodmann area 8

980 Parietal\_Sup\_R (aal)

974 Supramarginal Gyrus

960 Postcentral\_R (aal)

935 Thalamus

901 Lingual\_L (aal)

863 Precentral\_R (aal)

855 brodmann area 22

842 Occipital\_Inf\_L (aal)

812 Calcarine\_L (aal)

793 brodmann area 13

792 Frontal\_Inf\_Oper\_L (aal)

786 Temporal\_Inf\_R (aal)

781 brodmann area 21

770 Calcarine\_R (aal)

756 brodmann area 37

753 Frontal\_Inf\_Orb\_R (aal)

706 Uvula

687 brodmann area 47

681 Occipital\_Sup\_R (aal)

664 Cerebelum\_Crus1\_R (aal)

660 Midbrain

657 Angular\_R (aal)

654 Occipital\_Inf\_R (aal)

601 Temporal\_Pole\_Sup\_L (aal)

595 Parietal\_Sup\_L (aal)

588 Cerebelum\_4\_5\_R (aal)

584 Cingulum\_Mid\_R (aal)

584 Precuneus\_R (aal)

573 Frontal\_Inf\_Orb\_L (aal)

571 Inferior Occipital Gyrus

558 Cerebelum\_Crus2\_L (aal)

542 brodmann area 32

530 Vermis\_4\_5 (aal)

505 Pyramis

503 brodmann area 2

499 Thalamus\_L (aal)

492 brodmann area 45

468 brodmann area 38

466 Occipital\_Sup\_L (aal)

466 brodmann area 4

434 Temporal\_Inf\_L (aal)

421 Anterior Cingulate

407 brodmann area 46

400 Rolandic\_Oper\_R (aal)

396 Rolandic\_Oper\_L (aal)

395 brodmann area 17

384 brodmann area 44

379 Cingulum\_Ant\_R (aal)

375 Thalamus\_R (aal)

370 Cingulum\_Mid\_L (aal)

368 Vermis\_6 (aal)

353 Left Brainstem

348 Inferior Temporal Gyrus

340 brodmann area 3

335 Temporal\_Pole\_Sup\_R (aal)

320 Cingulum\_Ant\_L (aal)

308 Right Brainstem

307 Tuber

290 Cerebelum\_8\_R (aal)

281 Frontal\_Sup\_L (aal)

273 Parahippocampa Gyrus

252 Transverse Temporal Gyrus

251 Inferior Semi-Lunar Lobule

231 brodmann area 24

228 brodmann area 42

220 Lentiform Nucleus

217 Vermis\_8 (aal)

216 Cerebelum\_Crus2\_R (aal)

212 Cerebelum\_4\_5\_L (aal)

210 Frontal\_Mid\_Orb\_R (aal)

205 Frontal-Temporal Space

203 brodmann area 39

200 Cuneus\_R (aal)

189 Vermis\_7 (aal)

185 Precuneus\_L (aal)

173 Pulvinar

164 brodmann area 41

162 Ventral Lateral Nucleus

158 Posterior Cingulate

153 brodmann area 43

151 brodmann area 20

149 Cerebelum\_8\_L (aal)

146 Corpus Callosum

138 Cerebellar Tonsil

137 Vermis\_9 (aal)

126 Declive of Vermis

125 brodmann area 1

121 Nodule

119 brodmann area 30

114 Paracentral\_Lobule\_R (aal)

110 Medial Dorsal Nucleus

107 Putamen

106 Cerebelum\_7b\_L (aal)

99 Claustrum

93 Dentate

92 Paracentral Lobule

91 Paracentral\_Lobule\_L (aal)

84 Putamen\_R (aal)

77 Culmen of Vermis

73 Lateral Globus Pallidus

73 Hippocampus\_R (aal)

66 brodmann area 5

65 Cerebelum\_7b\_R (aal)

65 brodmann area 23

61 Ventral Anterior Nucleus

57 Hippocampus\_L (aal)

55 Superior Occipital Gyrus

52 Vermis\_3 (aal)

51 Fastigium

51 Frontal\_Mid\_Orb\_L (aal)

50 Heschl\_L (aal)

48 Ventral Posterior Lateral Nucleus

47 Uvula of Vermis

42 Pyramis of Vermis

42 brodmann area 11

42 Caudate\_L (aal)

40 Cuneus\_L (aal)

40 Cerebelum\_9\_R (aal)

39 Caudate\_R (aal)

38 Temporal\_Pole\_Mid\_R (aal)

35 Angular\_L (aal)

32 Cerebellar Lingual

32 Cerebelum\_9\_L (aal)

30 Substania Nigra

30 Subthalamic Nucleus

30 Cerebro-Spinal Fluid

29 brodmann area 31

28 brodmann area 27

27 Pallidum\_R (aal)

25 Mammillary Body

25 Vermis\_10 (aal)

25 Medial Globus Pallidus

25 Frontal\_Sup\_Orb\_L (aal)

25 Putamen\_L (aal)

24 Lateral Posterior Nucleus

24 Pallidum\_L (aal)

23 Tuber of Vermis

23 Frontal\_Sup\_Orb\_R (aal)

17 Heschl\_R (aal)

17 Ventral Posterior Medial Nucleus

16 Angular Gyrus

15 Fourth Ventricle

15 Medial Geniculum Body

15 Lateral Ventricle

15 Red Nucleus

12 Optic Tract

11 ParaHippocampal\_R (aal)

11 brodmann area 28

11 brodmann area 36

10 brodmann area 34

10 Lateral Geniculum Body

9 Uncus

7 brodmann area 33

7 Temporal\_Pole\_Mid\_L (aal)

7 Amygdala\_L (aal)

6 Cerebelum\_3\_R (aal)

6 Caudate

4 Caudate Body

3 Amygdala\_R (aal)

2 ParaHippocampal\_L (aal)

2 brodmann area 35

2 Caudate Tail

1 Cingulum\_Post\_R (aal)

1 Olfactory\_L (aal)

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Cluster 2

Number of voxels: 41

Peak MNI coordinate: 10 16 -18

Peak MNI coordinate region: // Right Cerebrum // Frontal Lobe // Medial Frontal Gyrus // White Matter // undefined // Olfactory\_R (aal)

Peak intensity: 4.2453

# voxels structure

41 --TOTAL # VOXELS--

41 Frontal Lobe

41 Right Cerebrum

31 White Matter

28 Subcallosal Gyrus

26 Olfactory\_R (aal)

14 Rectus\_R (aal)

13 Medial Frontal Gyrus

9 brodmann area 25

9 Gray Matter

1 Frontal\_Sup\_Orb\_R (aal)

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