

Supplemental Table 1. DVR and CBF associations in 55 nondemented older adults

Region (Brodmann Area)	Side	Coordinates			T-value	Spatial extent (#voxels)
		x	y	z		
WHOLE GROUP						
Superior frontal gyrus (8)	L	-20	48	44	5.25	175
Middle frontal gyrus (9)	L	-54	12	34	4.48	89
Postcentral gyrus (1)	R	52	-28	56	3.32	70
Postcentral gyrus (5)	L	-42	-38	60	4.55	89
Paracentral lobule (4)	B	0	-28	64	11.16	4772
Superior parietal lobule (7)	R	36	-66	50	4.34	52
Superior temporal gyrus (12)	L	-54	12	-8	5.39	361
Superior temporal gyrus (12)	R	54	10	-8	4.94	117
Superior temporal gyrus (38)	R	30	18	-26	3.38	62
Inferior temporal gyrus (20)	R	38	-8	-28	5.6	568
Uncus (38)	R	22	4	-44	3.95	71
Uncus (20)	L	-34	-6	-28	6	683
Cuneus (19)	R	2	-92	28	4.67	608
Thalamus	B	0	-10	2	7.83	467
Midbrain	R	10	-14	-28	5.19	99
Cerebellum	R	4	-66	-6	9.07	8595
Cerebellum	R	46	-58	-30	7.29	650
Cerebellum	L	-50	-52	-44	6.1	830

Cerebellum	L	-4	-52	-36	5.99	401
Cerebellum	L	-38	-80	-34	5.17	59
UPPER TERTILE						
Superior frontal gyrus (6)	L	-24	16	64	7.04	95
Superior frontal gyrus (10)	L	-14	64	18	10.01	72
Medial frontal gyrus (8)	R	2	28	38	10.49	255
Medial frontal gyrus (9)	R	2	52	24	10.11	105
Middle frontal gyrus (8)	L	-30	34	38	11.5	188
Middle frontal gyrus (9)	L	-44	20	36	9.07	54
Inferior frontal gyrus (45)	R	22	18	22	9.29	177
Subcallosal gyrus (25)	B	0	14	-14	7.01	118
Orbitofrontal gyrus (11)	L	-2	42	-30	10.33	223
Paracentral lobule (5)	R	4	-42	68	16.61	1237
Superior temporal gyrus (38)	R	44	20	-14	5.2	80
Superior temporal gyrus (12)	R	52	8	-6	6.84	122
Superior temporal gyrus (38)	L	-50	18	-18	10.57	146
Superior temporal gyrus (42)	R	68	-26	22	6.17	152
Middle temporal gyrus (21)	L	-72	-16	-14	6.49	57
Fusiform gyrus (19)	R	44	-42	-12	7.79	55
Insula	L	-44	0	4	6.81	62
Middle occipital gyrus (19)	L	-26	-74	6	12.21	597
Cuneus (18)	L	-2	-76	14	6.63	110
Cuneus (19)	L	-2	-82	32	7.23	229

Cingulate gyrus (23)	R	22	-26	34	13.13	433
Caudate	L	-18	18	10	6.94	102
Cerebellum	R	48	-56	-36	5.46	81
Cerebellum	R	8	-58	-4	10.82	448
LOWER TERTILE						
Superior frontal gyrus (6)	L	-22	4	66	16.5	80
Superior frontal gyrus (11)	L	-30	64	-12	10.06	559
Superior frontal gyrus (11)	R	16	68	-10	6.81	493
Inferior frontal gyrus (44)	R	58	14	28	5.28	101
Precentral gyrus (6)	L	-62	4	8	12.4	2971
Inferior parietal lobule (40)	R	50	-34	50	16.5	615
Superior temporal gyrus (22)	R	52	6	-6	17.51	1401
Superior temporal gyrus (42)	R	66	-28	18	7.82	317
Middle temporal gyrus (21)	R	68	-12	-12	9.15	103
Inferior temporal gyrus (20)	R	42	-22	-26	8.58	143
Fusiform gyrus (37)	R	54	-56	-14	7.63	185
Uncus (20)	R	26	-18	-28	10.87	454
Corpus callosum	B	0	30	10	20.24	19901
Cerebellum	L	-38	-80	-30	12.56	187
Cerebellum	L	-6	-52	-24	8.83	234
Cerebellum	L	-40	-48	-38	8.64	629

Supplemental Table 2. DVR and R_1 associations in 55 nondemented older adults

Region (Brodmann area)	Side	Coordinates			T-value	Spatial extent (#voxels)
		x	y	z		
ENTIRE GROUP						
Superior frontal gyrus (10)	R	30	64	18	3.77	64
Middle frontal gyrus (46)	L	-50	48	18	3.15	53
Inferior frontal gyrus (45)	R	56	38	0	3.55	162
Superior parietal lobule (7)	L	-32	-52	48	3.17	68
Cerebellum	L	-36	-78	-42	34.13	69482
Cerebellum	L	-8	50	-30	3.91	161
UPPER TERTILE						
Orbital gyrus (11)	L	-8	50	-30	13.67	455
Precentral gyrus (3)	R	40	-20	40	8.6	80
Middle temporal gyrus (37)	L	-62	-60	6	3.25	54
Inferior temporal gyrus (20)	R	44	-26	-34	6.79	164
Inferior temporal gyrus (37)	R	62	-58	-6	8.72	90
Uncus (38)	L	-24	8	-34	32.99	60082
LOWER TERTILE						
Medial frontal gyrus (8)	R	2	44	40	47.72	132120
Putamen	R	24	-4	10	3.68	88