

Supplementary Table e-1: Baseline (v1) regional brain volumes (ICV-corrected) and atrophy at follow-up examination after one year (v2) for bvFTD, AD, MCI and Con.

Parameter	v1 (median, mL)				atrophy at v2 (%)			
	bvFTD	AD	MCI	Con	bvFTD	AD	MCI	Con
Cerebrum	809.2	801.6	874.8	891.3	-1.4050	-2.1230	-0.4409	-0.3493
Cerebrum GM	440.0	437.2	500.6	504.0	-3.1890	-2.2920	-0.5497	-0.3625
Cerebrum WM	377.1	363.4	379.6	379.3	-1.1920	-1.3330	-0.6985	-0.5321
Cerebrum R	414.0	410.1	440.3	447.9	-1.1610	-1.7950	-0.5343	-0.3002
Cerebrum L	405.3	395.9	437.5	443.4	-1.5530	-1.6890	-0.2083	-0.1960
Cerebrum R GM	224.1	222.9	250.4	254.1	-2.8960	-2.6580	-1.1540	-0.0309
Cerebrum L GM	218.7	214.3	248.9	250.0	-2.9070	-2.4560	-0.2412	-0.5911
Cerebrum R WM	188.7	183.8	192.8	189.2	-1.3990	-1.3010	-0.9154	-0.6827
Cerebrum L WM	187.4	182.3	189.3	190.1	-0.9248	-1.3650	-0.4842	-0.0549
Cerebral cortex	425.3	419.9	483.3	484.6	-3.0420	-2.1480	-0.3458	-0.4933
Cerebral cortex R	213.6	209.7	238.0	240.7	-2.6620	-2.6790	-1.3020	0.0040
Cerebral cortex L	213.0	208.5	243.4	243.8	-2.8040	-2.3560	-0.3813	-0.7036
Cerebral subcortex	315.3	300.6	315.6	317.2	-1.3090	-1.4500	-0.7410	-0.6188
Cerebral subcortex R	156.4	149.6	158.0	156.4	-1.4690	-1.4920	-0.4872	-0.8894
Cerebral subcortex L	156.7	153.0	157.9	160.5	-0.6999	-1.4080	-0.3746	-0.1632
Frontal lobe	258.6	267.8	290.3	293.2	-1.3040	-2.1970	-0.4458	-0.2221
Frontal lobe GM	139.7	145.9	166.5	160.6	-3.0080	-3.0360	-0.1700	0.1101
Frontal lobe WM	118.7	120.9	127.9	124.1	-1.1780	-1.6220	0.4883	-0.2709
Frontal lobe R	129.5	134.2	144.2	144.0	-1.3380	-2.0010	-0.0254	-0.4364
Frontal lobe L	129.2	133.4	149.1	147.6	-1.5300	-2.5080	-0.3041	-0.2065
Frontal lobe R GM	70.00	73.62	81.74	79.44	-3.1320	-2.9750	-0.6979	0.2306
Frontal lobe R WM	58.79	60.51	62.93	60.79	-1.5300	-2.1620	0.8401	-0.7827
Frontal lobe L GM	69.14	71.22	83.87	81.71	-2.7120	-3.2770	0.0234	-0.0143
Frontal lobe L WM	60.75	60.91	65.00	63.28	-1.1860	-1.4790	-0.4932	0.2364
Temporal lobe	162.6	151.3	174.6	172.6	-1.7390	-1.7060	-0.3762	-0.8532
Temporal lobe GM	109.1	98.61	121.3	121.5	-2.7690	-1.8600	-0.1620	-0.6545
Temporal lobe WM	55.36	51.46	54.43	53.81	-0.4164	-1.0990	-0.7773	-1.8830
Temporal lobe R	82.31	76.60	87.29	87.41	-1.7780	-0.9806	-0.5070	-0.7612
Temporal lobe L	81.41	74.44	88.41	88.20	-1.9140	-1.5540	0.1637	-1.0620
Temporal lobe R GM	55.39	50.96	59.90	60.88	-2.4330	-2.0040	-0.5216	-0.3191
Temporal lobe R WM	28.03	26.39	27.14	27.28	-1.1840	0.0248	-0.4682	-2.0070
Temporal lobe L GM	54.16	47.65	60.42	59.47	-3.5370	-1.7160	0.4396	-0.8904
Temporal lobe L WM	27.98	25.29	27.77	26.76	0.3015	-1.1830	-0.1280	-1.6070
Parietal lobe	158.5	151.3	160.0	165.9	-0.7470	-2.2550	-0.7827	0.0214
Parietal lobe GM	85.74	80.27	89.79	93.04	-1.6960	-1.5660	-0.4878	0.2018
Parietal lobe WM	72.19	70.41	69.76	71.61	0.2509	-0.5252	0.0317	0.0913
Parietal lobe R	78.20	75.94	78.87	81.47	-0.5266	-2.4340	-0.3426	0.1274
Parietal lobe L	79.61	75.31	80.35	83.63	-1.0810	-2.0060	-0.2736	0.1960
Parietal lobe R GM	42.05	40.28	44.51	46.33	-1.6790	-2.5950	-1.9390	0.7764
Parietal lobe R WM	35.94	34.67	34.49	35.88	0.2238	-0.5751	-0.5937	-0.7898
Parietal lobe L GM	43.39	39.99	45.15	46.71	-2.0170	-1.9240	0.1596	-0.4771
Parietal lobe L WM	36.78	35.81	34.90	35.61	0.2655	-1.8410	-1.0300	0.1636
Occipital lobe	116.1	105.6	115.7	115.4	-1.1400	-2.0390	0.3587	0.0186
Occipital lobe R	59.24	54.38	59.68	59.32	-0.7055	-2.1600	0.4041	-0.1536
Occipital lobe L	56.51	51.72	57.00	56.14	-0.8598	-1.9040	0.1085	0.0913
Occipital lobe GM	66.62	60.31	70.90	69.83	-1.2760	-3.1850	0.9481	-0.7611
Occipital lobe WM	48.69	43.75	43.86	46.02	-1.5700	-1.5120	-1.2170	-0.6066
Occipital lobe R GM	34.09	31.11	35.87	36.17	-1.1780	-2.8740	0.9518	-0.7045
Occipital lobe R WM	24.82	22.46	23.14	23.45	-0.0427	-0.0518	-1.4320	0.0676
Occipital lobe L GM	32.69	29.14	33.79	34.52	-1.2400	-2.1180	-1.3810	-0.9281
Occipital lobe L WM	23.87	21.29	21.00	22.14	-0.3548	-0.5313	-0.0548	0.2406
Insula	13.40	13.73	15.88	15.87	-3.4330	-2.3210	-0.3323	-0.3959
Insula R	6.484	6.823	7.817	7.768	-3.1340	-1.7150	-0.2753	-0.3525
Insula L	6.801	6.875	8.100	8.028	-2.7680	-2.3640	-0.1228	-0.5289

Striatum	13.20	15.11	15.79	16.83	-4.5860	-3.3470	2.9130	-0.3387
Striatum R	6.707	7.870	8.013	8.557	-3.9740	-2.7430	2.3160	-0.8676
Striatum L	6.524	7.251	7.861	8.368	-4.4330	-4.3070	2.7820	-0.3177
Caudate	6.736	7.475	7.923	8.605	-3.5170	-4.0350	-0.0576	-0.3704
Caudate R	3.307	3.749	3.988	4.279	-3.3290	-2.4850	0.7839	-0.9665
Caudate L	3.484	3.688	3.968	4.310	-3.9480	-5.0640	1.1730	-0.8205
Putamen	6.549	7.765	7.706	8.205	-5.0380	-3.6190	2.9320	-1.4880
Putamen R	3.452	4.045	3.993	4.281	-4.5460	-3.3910	3.9840	-1.2140
Putamen L	3.136	3.664	3.588	3.928	-5.5110	-3.8440	3.9410	-0.7927
Hippocampus and Amygdala	9.196	8.189	10.63	10.58	-3.8280	-5.1360	-0.8781	-0.6700
Hippocampus and Amygdala R	4.590	4.354	5.168	5.205	-3.8510	-4.7400	-1.5570	-0.9547
Hippocampus and Amygdala L	4.660	4.002	5.444	5.412	-3.3760	-4.3410	-0.6350	-0.6890
Cerebellum	111.7	106.9	114.8	112.3	-1.4730	-1.0110	0.1330	0.0341
Cerebellum GM	87.28	84.14	90.38	91.59	-2.1950	0.4515	0.2616	-0.6495
Cerebellum WM	23.87	22.97	23.11	22.77	-0.6100	-0.7118	0.6163	-0.5560
Cerebellum R	56.88	54.38	58.47	58.06	-1.5420	-0.3294	0.2219	0.0897
Cerebellum L	54.67	52.31	56.29	54.26	-1.4040	-0.6474	0.6919	-0.2813
Cerebellum R GM	44.76	43.11	46.25	47.59	-1.8750	-0.8357	0.0531	-0.5679
Cerebellum R WM	11.73	11.45	11.69	11.17	-0.2869	-0.7204	1.0180	-0.7143
Cerebellum L GM	42.71	40.82	44.13	43.74	-2.2170	-0.4923	0.7590	-0.6411
Cerebellum L WM	12.21	11.62	11.49	11.43	-0.9351	-0.6494	0.2278	-1.4550
Brainstem	29.64	30.36	29.40	29.54	-0.8759	0.1073	0.2149	-0.0752
Brainstem R	15.69	16.01	15.54	15.56	-1.0270	-0.1293	0.6340	0.3920
Brainstem L	13.88	14.38	13.80	13.92	-0.3564	0.3995	0.7346	-0.4103
Midbrain	10.08	10.28	10.08	10.05	-0.5097	0.4735	0.7434	0.6570
Pons	15.01	15.76	14.97	15.34	-0.4844	0.6274	0.4237	-0.4533
Medulla	4.657	4.592	4.469	4.496	-0.4101	0.4571	0.1467	0.3702
Corpus callosum plane	560.4	576.5	591.0	558.7	-2.3520	-0.8287	0.0903	-0.3277
Cerebellar vermis plane	999.1	964.2	1036	1011	-0.5724	-0.7368	0.0441	-0.3242
Midbrain plane	270.1	286.0	269.4	293.5	-0.9033	2.5610	0.8453	0.9659
Midbrain tegmentum plane	165.3	174.4	160.8	169.8	-0.7250	4.0450	0.0948	-0.2425
Pons plane	483.9	518.3	489.2	505.5	-0.2828	0.2912	1.1070	-0.5377
Pons pars basilaris plane	328.4	346.6	330.9	346.3	-0.5000	1.0770	0.9535	-0.8719
Medulla plane	269.8	268.5	261.8	261.8	-0.2808	0.0629	1.1250	1.1140
Superior frontal gyrus R GM	23.23	24.27	26.98	26.41	-3.0000	-2.9370	0.8238	0.4125
Superior frontal gyrus L GM	22.48	23.49	26.97	27.23	-2.6930	-3.7330	-0.8387	0.5039
Middle frontal gyrus R GM	17.83	18.03	20.77	21.89	-3.8820	-3.4660	-0.5540	-0.6174
Middle frontal gyrus L GM	18.05	17.66	21.92	21.81	-2.3780	-4.3450	0.0213	-0.4655
Inferior frontal gyrus R GM	10.29	10.53	12.19	12.17	-3.9570	-2.8490	-0.9652	-0.8218
Inferior frontal gyrus L GM	9.704	10.03	11.79	11.21	-2.1460	-3.6980	-1.0640	-0.4778
Precentral gyrus R GM	9.794	10.49	10.78	10.78	-3.3340	-2.7220	-0.1289	1.7660
Precentral gyrus L GM	10.63	10.50	11.71	11.21	-3.3890	-2.3990	0.2154	0.8654
Middle orbitofrontal gyrus R GM	4.653	5.016	5.243	5.453	-3.3090	-1.5330	0.2988	-0.3181
Middle orbitofrontal gyrus L GM	4.338	4.490	5.191	5.407	-4.2240	-4.1950	-0.2871	-1.3230
Lateral orbitofrontal gyrus R GM	2.333	2.372	2.694	2.683	-3.3310	-0.9383	-1.1620	0.0184
Lateral orbitofrontal gyrus L GM	2.449	2.655	3.190	3.008	-3.9160	-4.0240	-0.5961	-0.6802
Gyrus rectus R GM	1.440	1.512	1.589	1.688	-5.5840	-3.5760	0.2720	0.6085
Gyrus rectus L GM	1.446	1.379	1.532	1.549	-1.8800	-2.6740	2.0830	-0.7941
Postcentral gyrus R GM	7.386	7.370	7.831	7.955	-3.5140	-1.1930	-0.5190	1.4140
Postcentral gyrus L GM	8.501	7.969	8.835	9.003	-2.3150	-1.2520	-0.6445	-0.5479
Superior parietal gyrus R GM	11.42	10.60	11.94	12.00	-1.1610	-1.5510	0.5342	1.4380
Superior parietal gyrus L GM	11.23	10.75	11.94	11.99	-2.0940	-2.9330	-0.5018	-0.8191
Supramarginal gyrus R GM	6.714	6.893	7.195	7.585	-0.5002	-2.0110	-3.0360	-0.1561
Supramarginal gyrus L GM	7.912	7.028	8.348	8.170	-2.0800	-2.2610	-1.1110	0.0735
Angular gyrus R GM	9.819	9.482	10.58	11.06	-1.0390	-1.4220	-2.0520	-0.4608
Angular gyrus L GM	9.399	8.247	9.568	10.77	-1.3370	-1.2690	-0.3448	0.2040
Precuneus R GM	6.332	5.950	6.827	7.132	-1.5220	-3.2770	1.0250	0.5167
Precuneus L GM	6.215	5.761	6.541	6.809	-2.1800	-2.3430	1.4980	0.0693
Superior occipital gyrus R GM	4.039	3.673	4.007	4.195	-1.8850	-2.8980	-0.7918	-0.7323
Superior occipital gyrus L GM	3.680	3.349	3.809	3.601	-1.7830	-3.8360	-1.4630	-0.3756
Middle occipital gyrus R GM	10.99	10.06	12.23	12.21	-1.6440	-2.4290	-1.1680	-0.6773

Middle occipital gyrus L GM	10.37	9.361	11.10	11.28	-1.1800	-3.8880	-3.1830	-0.5524
Inferior occipital gyrus R GM	5.978	5.198	6.031	6.243	-1.6420	-2.2030	2.9690	-0.8469
Inferior occipital gyrus L GM	5.968	5.084	6.373	6.329	-2.7310	-1.4970	0.4377	-0.6153
Cuneus R GM	3.616	3.527	3.873	3.755	-0.3009	-1.6620	0.6990	0.1726
Cuneus L GM	2.948	2.850	3.169	3.349	-2.4500	-4.6450	2.0870	0.3102
Superior temporal gyrus R GM	14.10	13.01	15.85	16.04	-1.9580	-3.2980	-0.5916	-0.3029
Superior temporal gyrus L GM	15.39	13.90	17.34	17.64	-3.3510	-2.5250	-0.8720	-1.1090
Middle temporal gyrus R GM	12.60	12.14	14.00	14.11	-3.0540	-1.3990	-1.3990	-0.2596
Middle temporal gyrus L GM	12.12	10.52	14.05	14.07	-3.6770	-2.7800	0.5265	-0.5730
Inferior temporal gyrus R GM	11.40	10.71	11.90	12.02	-2.5500	-1.0160	0.5895	0.1227
Inferior temporal gyrus L GM	10.39	9.252	11.64	11.04	-3.1530	-0.9370	0.7343	-0.7530
Parahippocampal gyrus R GM	4.597	4.340	4.871	4.740	-1.8370	-0.5241	-0.9382	-0.3370
Parahippocampal gyrus L GM	4.034	3.770	4.324	4.169	-2.2350	-1.9310	-0.6092	0.3368
Lingual gyrus R GM	9.405	8.883	9.848	9.658	-0.6976	0.4400	0.4278	0.0663
Lingual gyrus L GM	9.133	8.607	9.391	9.586	-1.8010	-1.1060	0.1067	-0.4236
Fusiform gyrus R GM	7.625	6.967	8.010	7.868	-2.4670	-0.9959	0.7132	-0.2576
Fusiform gyrus L GM	7.567	6.648	8.138	7.878	-3.8020	-1.1040	0.5032	-1.0430
Cingulate gyrus R GM	7.456	7.300	8.689	8.630	-2.0670	-2.8620	-1.0300	-0.3769
Cingulate gyrus L GM	7.679	7.439	8.743	8.656	-2.2480	-2.9860	-1.2680	0.0870
Superior frontal gyrus R WM	15.82	15.90	15.83	15.98	-1.5920	-1.6550	0.3324	-0.3743
Superior frontal gyrus L WM	14.24	15.02	15.53	15.85	-1.0460	-2.5950	0.0764	0.4075
Middle frontal gyrus R WM	19.73	20.96	22.16	21.91	-0.8681	-1.9140	-0.4686	-1.0510
Middle frontal gyrus L WM	20.85	21.20	23.67	23.58	-1.3790	-2.1530	-1.2210	-0.1040
Inferior frontal gyrus R WM	7.912	8.140	8.678	8.239	-0.5059	-1.3850	-0.3676	0.0309
Inferior frontal gyrus L WM	7.843	8.051	9.023	8.030	-0.7233	-2.1600	0.0881	0.4417
Precentral gyrus R WM	12.92	12.45	13.15	11.78	-0.5412	-0.4991	-1.0740	-0.1413
Precentral gyrus L WM	13.02	12.55	13.48	11.88	0.1334	-0.9737	-0.6785	-0.1399
Middle orbitofrontal gyrus R WM	1.967	2.113	1.960	2.053	-2.7980	-0.1452	0.8126	0.9407
Middle orbitofrontal gyrus L WM	2.579	2.618	2.603	2.593	-1.3430	-1.4160	1.4980	0.3721
Lateral orbitofrontal gyrus R WM	0.816	0.860	0.833	0.846	-0.3571	-1.4570	-1.8990	1.9700
Lateral orbitofrontal gyrus L WM	0.956	1.025	0.999	1.048	-0.2495	-3.2590	0.5370	-0.1928
Gyrus rectus R WM	0.368	0.363	0.323	0.290	-2.2070	1.2510	3.8030	-2.4620
Gyrus rectus L WM	0.380	0.377	0.338	0.3315	0.3369	-0.5690	1.5700	-1.2180
Postcentral gyrus R WM	11.56	11.13	11.14	10.50	0.7866	-0.4825	-0.5050	-0.2203
Postcentral gyrus L WM	12.76	12.26	12.30	11.71	0.6148	-1.3160	-1.7470	0.4473
Superior parietal gyrus R WM	12.08	11.36	11.30	11.15	-0.1325	-1.7060	0.4057	0.2519
Superior parietal gyrus L WM	11.70	10.87	10.97	10.78	0.3710	-1.8940	-0.8198	1.0830
Supramarginal gyrus R WM	4.945	4.779	4.795	4.955	0.4228	-1.3780	-0.6758	-1.2990
Supramarginal gyrus L WM	4.834	4.593	4.707	4.591	-0.1237	-2.6580	-2.3170	-1.1010
Angular gyrus R WM	5.595	5.437	5.271	5.916	-0.5250	-2.1960	2.6640	-0.8042
Angular gyrus L WM	5.783	5.632	5.839	6.226	-0.3996	-1.8240	-2.9580	-0.7159
Precuneus R WM	2.042	1.824	1.842	2.075	0.3918	-2.2350	-2.2110	-1.4250
Precuneus L WM	2.052	1.754	1.688	1.962	0.0261	-4.2900	-0.3146	-0.1743
Superior occipital gyrus R WM	4.017	3.732	3.682	3.953	0.5586	-2.1780	0.8914	1.9100
Superior occipital gyrus L WM	3.588	3.234	3.347	3.191	-0.0251	1.2800	0.5012	1.9620
Middle occipital gyrus R WM	10.11	9.202	9.513	10.13	-1.6080	-0.8050	1.5700	-0.1585
Middle occipital gyrus L WM	10.44	9.234	9.200	9.917	-0.3136	0.7256	2.0340	0.9341
Inferior occipital gyrus R WM	2.817	2.500	2.912	2.734	0.1465	-0.3615	-2.4440	-1.6250
Inferior occipital gyrus L WM	3.060	2.709	2.832	2.828	0.0596	1.7520	-0.5739	0.1415
Cuneus R WM	1.981	1.849	1.964	1.700	-0.4465	-0.2158	-4.0420	2.0380
Cuneus L WM	1.682	1.665	1.490	1.356	-0.1545	1.7580	2.6090	0.9502
Superior temporal gyrus R WM	6.219	5.861	5.924	5.830	-0.0643	2.1930	-0.4365	-1.3200
Superior temporal gyrus L WM	6.204	5.839	5.902	5.771	1.7680	-0.9127	-0.1109	-1.5180
Middle temporal gyrus R WM	11.25	10.79	11.11	11.18	-1.4250	-0.1240	-0.3699	-1.3150
Middle temporal gyrus L WM	12.58	11.75	12.70	12.61	0.3243	-1.9730	-0.4994	-1.3720
Inferior temporal gyrus R WM	5.293	4.830	5.338	5.076	-2.4730	-1.2350	0.8533	-2.0240
Inferior temporal gyrus L WM	4.362	3.805	4.468	4.033	-1.4310	-2.9780	-0.8584	-2.4080
Parahippocampal gyrus R WM	2.112	2.257	2.141	2.325	-1.3590	-2.9700	-2.9260	-2.3220
Parahippocampal gyrus L WM	1.627	1.603	1.738	1.683	-2.0550	-1.5470	1.5690	-2.3710
Lingual gyrus R WM	5.579	5.407	5.277	5.478	-0.3453	-0.8623	-2.2470	-0.8916
Lingual gyrus L WM	5.062	4.777	4.713	4.255	-1.1780	-3.9840	0.2819	-1.0240

Fusiform gyrus R WM	2.839	2.792	2.736	2.867	0.7934	-2.3070	-1.6760	-0.9741
Fusiform gyrus L WM	2.972	2.597	2.832	2.617	-1.6420	-1.8660	-0.5651	-1.1310
Cingulate gyrus R WM	9.275	9.510	9.322	9.364	-1.0010	-0.8544	0.0790	-0.0391
Cingulate gyrus L WM	9.116	9.153	9.104	9.238	-1.0600	-2.0790	0.4912	-0.1693
Cerebral WM	252.0	246.2	256.7	255.3	-1.2910	-1.4570	-0.4900	0.0432
Cerebral WM R	126.4	123.9	129.7	127.5	-1.1520	-2.0960	-1.0080	-0.2260
Cerebral WM L	124.3	122.8	128.2	127.4	-0.6701	-1.4450	-0.1181	0.4414
Hippocampus	5.336	4.676	6.065	5.886	-3.6020	-4.8990	-0.9283	-0.7137
Hippocampus R	2.705	2.670	3.079	3.020	-2.6270	-4.5390	-1.3280	-1.0690
Hippocampus L	2.655	2.225	2.989	3.010	-3.2560	-4.8370	-0.6720	-0.8354
Amygdala	2.955	2.645	3.251	3.328	-3.4570	-2.7490	-0.3517	0.1684
Amygdala R	1.549	1.527	1.726	1.753	-3.9050	-2.7950	-1.5940	-0.2044
Amygdala L	1.375	1.199	1.622	1.564	-3.3570	-1.2230	0.3658	-0.8498
Accumbens	0.713	0.812	0.851	0.928	-4.0560	-3.3700	0.7645	-1.0010
Accumbens R	0.331	0.399	0.409	0.4452	-3.1350	-2.8290	-0.2514	-0.8897
Accumbens L	0.384	0.414	0.447	0.4972	-5.0150	-2.3250	1.0300	-0.8761
Pallidum	3.497	3.724	3.623	3.613	-0.8624	-0.6821	-0.6346	0.3462
Pallidum R	1.770	1.894	1.826	1.823	-0.7917	-0.1258	-0.8299	-0.0052
Pallidum L	1.773	1.816	1.851	1.791	-1.4860	-0.7296	-1.0150	0.1722
Thalamus	10.25	10.28	10.74	11.33	-2.2390	-0.7218	-0.1726	-0.1896
Thalamus R	4.977	5.138	5.354	5.498	-1.9730	-0.8424	-1.5710	0.8824
Thalamus L	5.228	5.149	5.582	5.761	-2.3240	0.7938	1.5310	-0.1351
Lateral ventricle	14.63	16.15	11.40	8.771	8.0530	9.3510	1.5650	4.0080
Lateral ventricle L	12.88	12.42	9.259	7.915	8.6090	9.1080	2.2500	3.8180
Lateral ventricle R	809.2	801.6	874.8	891.3	7.7960	10.8900	0.8879	3.6070

R. right; L. left; GM. gray matter; WM. white matter.

Supplementary Table e-2: Correlation analysis results for baseline serum NfL with demographic, disease and CSF parameters and with regional brain volumes for bvFTD and AD.

Parameter	bvFTD				AD			
	n	r	p	95% C.I.	n	r	p	95% C.I.
age_visit	74	0.0033	0.9780	-0.2320 to 0.2381	26	0.5986	0.0012	0.2638 to 0.8047
Age of initial symptoms	72	0.0343	0.7747	-0.2057 to 0.2704	25	0.6817	0.0002	0.3816 to 0.8518
disease duration	72	0.0163	0.8922	-0.2229 to 0.2536	25	0.0769	0.7148	-0.3393 to 0.4679
MMSE	69	-0.4114	0.0004	-0.5952 to -0.1866	26	-0.3242	0.1061	-0.6394 to 0.0843
CDR-SOB	64	0.4157	0.0006	0.1821 to 0.6050	22	0.4402	0.0403	0.0095 to 0.7332
FTLD-CDR-SOB	64	0.4175	0.0006	0.1841 to 0.6064	22	0.5297	0.0112	0.1261 to 0.7829
CSF Tau	38	0.4979	0.0015	0.2025 to 0.7102	16	0.1324	0.6251	-0.4025 to 0.5999
CSF pTau	38	0.1393	0.4041	-0.1983 to 0.4474	16	-0.0177	0.9483	-0.5208 to 0.4946
CSF Abeta1-42	38	-0.1323	0.4285	-0.4416 to 0.2051	16	0.2647	0.3218	-0.2809 to 0.6810
CSF Progranulin	38	0.0840	0.6159	-0.2514 to 0.4015	16	-0.3676	0.1612	-0.7377 to 0.1724
CSF pNfH	38	0.2689	0.1026	-0.0654 to 0.5489	15	-0.1574	0.5753	-0.6300 to 0.4002
CSF Ubiquitin	36	0.1581	0.3572	-0.1896 to 0.4705	15	-0.1714	0.5413	-0.6386 to 0.3881
CSF NfL	37	0.7058	<0.0001	0.4874 to 0.8411	16	0.4471	0.0825	-0.0786 to 0.7782
Cerebrum	54	-0.5243	<0.0001	-0.6988 to -0.2910	21	-0.1519	0.5109	-0.5573 to 0.3119
Cerebrum GM	54	-0.4529	0.0006	-0.6475 to -0.2028	21	-0.1623	0.4820	-0.5646 to 0.3022
Cerebrum WM	54	-0.3855	0.0040	-0.5975 to -0.1233	21	-0.0169	0.9421	-0.4563 to 0.4292
Cerebrum R	54	-0.5412	<0.0001	-0.7107 to -0.3124	21	-0.0442	0.8493	-0.4776 to 0.4066
Cerebrum L	54	-0.4686	0.0004	-0.6589 to -0.2218	21	-0.3026	0.1824	-0.6573 to 0.1619
Cerebrum R GM	54	-0.4827	0.0002	-0.6691 to -0.2391	21	-0.0675	0.7712	-0.4955 to 0.3869
Cerebrum L GM	54	-0.4000	0.0027	-0.6083 to -0.1401	21	-0.3299	0.1442	-0.6742 to 0.1323
Cerebrum R WM	54	-0.3962	0.0030	-0.6055 to -0.1357	21	0.1260	0.5864	-0.3356 to 0.5387
Cerebrum L WM	54	-0.3339	0.0136	-0.5580 to -0.0645	21	-0.0883	0.7035	-0.5111 to 0.3689
Cerebral cortex	54	-0.4449	0.0007	-0.6417 to -0.1933	21	-0.1519	0.5109	-0.5573 to 0.3119
Cerebral cortex R	54	-0.4749	0.0003	-0.6635 to -0.2296	21	-0.0338	0.8845	-0.4696 to 0.4153
Cerebral cortex L	54	-0.3758	0.0051	-0.5901 to -0.1121	21	-0.3208	0.1563	-0.6686 to 0.1423
Cerebral subcortex	54	-0.3745	0.0053	-0.5891 to -0.1105	21	-0.0117	0.9599	-0.4522 to 0.4334
Cerebral subcortex R	54	-0.4003	0.0027	-0.6086 to -0.1404	21	0.1325	0.5670	-0.3297 to 0.5434
Cerebral subcortex L	54	-0.3425	0.0112	-0.5646 to -0.0742	21	-0.1013	0.6622	-0.5208 to 0.3576
Frontal lobe	54	-0.5857	<0.0001	-0.7415 to -0.3701	21	-0.2974	0.1904	-0.6541 to 0.1675
Frontal lobe GM	54	-0.4712	0.0003	-0.6608 to -0.2250	21	-0.3935	0.0776	-0.7122 to 0.0597
Frontal lobe WM	54	-0.5382	<0.0001	-0.7085 to -0.3085	21	0.0104	0.9643	-0.4344 to 0.4511
Frontal lobe R	54	-0.6188	<0.0001	-0.7640 to -0.4140	21	-0.1351	0.5594	-0.5453 to 0.3273
Frontal lobe L	54	-0.5449	<0.0001	-0.7132 to -0.3172	21	-0.4104	0.0646	-0.7220 to 0.0396
Frontal lobe R GM	54	-0.4867	0.0002	-0.6720 to -0.2441	21	-0.3026	0.1824	-0.6573 to 0.1619
Frontal lobe R WM	54	-0.5759	<0.0001	-0.7347 to -0.3572	21	0.1208	0.6020	-0.3402 to 0.5350
Frontal lobe L GM	54	-0.4136	0.0019	-0.6185 to -0.1560	21	-0.4675	0.0326	-0.7542 to -0.0312
Frontal lobe L WM	54	-0.5002	0.0001	-0.6816 to -0.2607	21	-0.1156	0.6178	-0.5312 to 0.3449
Temporal lobe	54	-0.3798	0.0046	-0.5931 to -0.1167	21	-0.2909	0.2008	-0.6500 to 0.1744
Temporal lobe GM	54	-0.4003	0.0027	-0.6086 to -0.1405	21	-0.2351	0.3050	-0.6140 to 0.2319
Temporal lobe WM	54	-0.2385	0.0824	-0.4822 to 0.0394	21	-0.1468	0.5256	-0.5536 to 0.3167
Temporal lobe R	54	-0.4067	0.0023	-0.6134 to -0.1480	21	0.0558	0.8100	-0.3968 to 0.4866
Temporal lobe L	54	-0.3166	0.0197	-0.5445 to -0.0452	21	-0.3545	0.1148	-0.6892 to 0.1047
Temporal lobe R GM	54	-0.4357	0.0010	-0.6349 to -0.1822	21	0.0429	0.8537	-0.4077 to 0.4766
Temporal lobe R WM	54	-0.2562	0.0615	-0.4965 to 0.0206	21	0.0584	0.8013	-0.3946 to 0.4886
Temporal lobe L GM	54	-0.3252	0.0164	-0.5512 to -0.0548	21	-0.3831	0.0865	-0.7061 to 0.0719
Temporal lobe L WM	54	-0.2299	0.0944	-0.4752 to 0.0485	21	-0.2065	0.3692	-0.5949 to 0.2601
Parietal lobe	54	-0.0899	0.5182	-0.3564 to 0.1902	21	0.1714	0.4575	-0.2937 to 0.5709
Parietal lobe GM	54	-0.0762	0.5839	-0.3443 to 0.2034	21	0.0883	0.7035	-0.3689 to 0.5111
Parietal lobe WM	54	-0.0740	0.5947	-0.3424 to 0.2055	21	0.2662	0.2434	-0.2002 to 0.6343
Parietal lobe R	54	-0.1318	0.3422	-0.3929 to 0.1490	21	0.3558	0.1134	-0.1033 to 0.6900
Parietal lobe L	54	-0.0663	0.6337	-0.3355 to 0.2129	21	-0.0468	0.8405	-0.4797 to 0.4044
Parietal lobe R GM	54	-0.1179	0.3960	-0.3808 to 0.1628	21	0.1961	0.3942	-0.2702 to 0.5879
Parietal lobe R WM	54	-0.1357	0.3277	-0.3963 to 0.1450	21	0.3091	0.1728	-0.1549 to 0.6614
Parietal lobe L GM	54	-0.0113	0.9352	-0.2858 to 0.2648	21	-0.1065	0.6459	-0.5246 to 0.3530
Parietal lobe L WM	54	-0.0809	0.5609	-0.3485 to 0.1989	21	0.2052	0.3722	-0.2614 to 0.5940

Occipital lobe	54	-0.0430	0.7575	-0.3146 to 0.2351	21	0.0714	0.7583	-0.3835 to 0.4985
Occipital lobe R	54	-0.0532	0.7023	-0.3238 to 0.2254	21	0.0026	0.9911	-0.4407 to 0.4449
Occipital lobe L	54	-0.0403	0.7724	-0.3122 to 0.2377	21	0.0870	0.7076	-0.3701 to 0.5102
Occipital lobe GM	54	-0.2177	0.1138	-0.4652 to 0.0613	21	0.1714	0.4575	-0.2937 to 0.5709
Occipital lobe WM	54	0.1403	0.3117	-0.1405 to 0.4002	21	0.0870	0.7076	-0.3701 to 0.5102
Occipital lobe R GM	54	-0.1611	0.2445	-0.4179 to 0.1195	21	0.2545	0.2655	-0.2122 to 0.6267
Occipital lobe R WM	54	0.1492	0.2814	-0.1315 to 0.4078	21	0.0701	0.7626	-0.3846 to 0.4975
Occipital lobe L GM	54	-0.2308	0.0932	-0.4759 to 0.0476	21	0.0507	0.8274	-0.4012 to 0.4827
Occipital lobe L WM	54	0.1245	0.3696	-0.1562 to 0.3866	21	0.1078	0.6419	-0.3518 to 0.5255
Insula	54	-0.4597	0.0005	-0.6525 to -0.2111	21	-0.3299	0.1442	-0.6742 to 0.1323
Insula R	54	-0.4936	0.0001	-0.6769 to -0.2526	21	-0.2442	0.2862	-0.6200 to 0.2228
Insula L	54	-0.4150	0.0018	-0.6195 to -0.1577	21	-0.3974	0.0744	-0.7145 to 0.0551
Striatum	54	-0.5244	<0.0001	-0.6989 to -0.2911	21	-0.4623	0.0348	-0.7513 to -0.0245
Striatum R	54	-0.5492	<0.0001	-0.7162 to -0.3226	21	-0.3429	0.1281	-0.6821 to 0.1179
Striatum L	54	-0.4353	0.0010	-0.6346 to -0.1818	21	-0.5065	0.0191	-0.7754 to -0.0821
Caudate	54	-0.5092	<0.0001	-0.6880 to -0.2719	21	-0.3714	0.0974	-0.6992 to 0.0855
Caudate R	54	-0.5495	<0.0001	-0.7165 to -0.3231	21	-0.3260	0.1493	-0.6718 to 0.1366
Caudate L	54	-0.4702	0.0003	-0.6601 to -0.2238	21	-0.4039	0.0694	-0.7183 to 0.0474
Putamen	54	-0.4972	0.0001	-0.6795 to -0.2570	21	-0.3364	0.1360	-0.6782 to 0.1251
Putamen R	54	-0.5282	<0.0001	-0.7015 to -0.2958	21	-0.2675	0.2410	-0.6351 to 0.1989
Putamen L	54	-0.3839	0.0042	-0.5962 to -0.1213	21	-0.5013	0.0206	-0.7726 to -0.0752
Hippocampus and Amygdala	54	-0.4191	0.0016	-0.6226 to -0.1625	21	-0.1052	0.6500	-0.5236 to 0.3541
Hippocampus and Amygdala R	54	-0.4422	0.0008	-0.6396 to -0.1899	21	0.0156	0.9465	-0.4302 to 0.4553
Hippocampus and Amygdala L	54	-0.3695	0.0060	-0.5853 to -0.1048	21	-0.1442	0.5330	-0.5518 to 0.3190
Cerebellum	54	0.0674	0.6284	-0.2119 to 0.3365	21	-0.5740	0.0065	-0.8108 to -0.1759
Cerebellum GM	54	0.0761	0.5845	-0.2035 to 0.3442	21	-0.5286	0.0138	-0.7872 to -0.1119
Cerebellum WM	54	0.0330	0.8127	-0.2446 to 0.3056	21	-0.2117	0.3570	-0.5984 to 0.2550
Cerebellum R	54	0.0770	0.5798	-0.2026 to 0.3451	21	-0.5935	0.0046	-0.8207 to -0.2044
Cerebellum L	54	0.0742	0.5941	-0.2054 to 0.3425	21	-0.5169	0.0164	-0.7810 to -0.0960
Cerebellum R GM	54	0.0707	0.6115	-0.2087 to 0.3394	21	-0.5610	0.0081	-0.8041 to -0.1573
Cerebellum R WM	54	0.0473	0.7341	-0.2310 to 0.3185	21	-0.2065	0.3692	-0.5949 to 0.2601
Cerebellum L GM	54	0.0597	0.6680	-0.2192 to 0.3296	21	-0.5052	0.0195	-0.7747 to -0.0803
Cerebellum L WM	54	0.0420	0.7629	-0.2361 to 0.3137	21	-0.0857	0.7118	-0.5092 to 0.3712
Brainstem	54	-0.1837	0.1836	-0.4370 to 0.0965	21	-0.3610	0.1078	-0.6931 to 0.0974
Brainstem R	54	-0.1997	0.1477	-0.4503 to 0.0800	21	-0.3701	0.0986	-0.6985 to 0.0870
Brainstem L	54	-0.1167	0.4005	-0.3799 to 0.1639	21	-0.3416	0.1297	-0.6813 to 0.1193
Midbrain	54	-0.2861	0.0360	-0.5205 to -0.0117	21	-0.4701	0.0315	-0.7556 to -0.0345
Pons	54	-0.1533	0.2684	-0.4113 to 0.1274	21	-0.1675	0.4679	-0.5682 to 0.2974
Medulla	54	0.1264	0.3625	-0.1543 to 0.3882	21	-0.4312	0.0510	-0.7339 to 0.0144
Corpus callosum plane	54	-0.2449	0.0743	-0.4874 to 0.0327	21	0.0727	0.7541	-0.3824 to 0.4995
Cerebellar vermis plane	54	0.07230	0.6001	-0.2065 to 0.3414	21	-0.3597	0.1092	-0.6923 to 0.0988
Midbrain plane	54	-0.3612	0.0073	-0.5789 to -0.0953	21	0.0000	1.0000	-0.4428 to 0.4428
Midbrain tegmentum plane	54	-0.2637	0.0540	-0.5026 to 0.0125	21	0.1065	0.6459	-0.3530 to 0.5246
Pons plane	54	-0.0760	0.5849	-0.3441 to 0.2036	21	-0.1364	0.5556	-0.5462 to 0.3262
Pons pars basilaris plane	54	-0.0600	0.6667	-0.3299 to 0.2190	21	-0.1455	0.5293	-0.5527 to 0.3178
Medulla plane	54	0.1785	0.1965	-0.1018 to 0.4326	21	-0.3545	0.1148	-0.6892 to 0.1047
Superior frontal gyrus R GM	54	-0.4916	0.0002	-0.6755 to -0.2501	21	-0.3701	0.0986	-0.6985 to 0.0870
Superior frontal gyrus L GM	54	-0.3915	0.0034	-0.6020 to -0.1302	21	-0.4455	0.0430	-0.7419 to -0.0033
Middle frontal gyrus R GM	54	-0.5219	<0.0001	-0.6971 to -0.2879	21	-0.1636	0.4785	-0.5655 to 0.3010
Middle frontal gyrus L GM	54	-0.4633	0.0004	-0.6551 to -0.2154	21	-0.3727	0.0961	-0.7000 to 0.0840
Inferior frontal gyrus R GM	54	-0.4304	0.0012	-0.6310 to -0.1759	21	-0.3597	0.1092	-0.6923 to 0.0988
Inferior frontal gyrus L GM	54	-0.4430	0.0008	-0.6403 to -0.1910	21	-0.3532	0.1162	-0.6884 to 0.1062
Precentral gyrus R GM	54	-0.1562	0.2592	-0.4138 to 0.1245	21	-0.4143	0.0619	-0.7242 to 0.0350
Precentral gyrus L GM	54	-0.1247	0.3691	-0.3867 to 0.1560	21	-0.3987	0.0734	-0.7152 to 0.0536
Middle orbitofrontal gyrus R GM	54	-0.4918	0.0002	-0.6757 to -0.2504	21	-0.2610	0.2531	-0.6309 to 0.2055
Middle orbitofrontal gyrus L GM	54	-0.5287	<0.0001	-0.7019 to -0.2965	21	-0.3844	0.0853	-0.7069 to 0.0704
Lateral orbitofrontal gyrus R GM	54	-0.5774	<0.0001	-0.7357 to -0.3591	21	-0.3130	0.1671	-0.6638 to 0.1507
Lateral orbitofrontal gyrus L GM	54	-0.4257	0.0013	-0.6275 to -0.1703	21	-0.4026	0.0704	-0.7175 to 0.0490
Gyrus rectus R GM	54	-0.5476	<0.0001	-0.7151 to -0.3206	21	-0.0714	0.7583	-0.4985 to 0.3835
Gyrus rectus L GM	54	-0.3231	0.0172	-0.5495 to -0.0524	21	-0.1857	0.4203	-0.5808 to 0.2802
Postcentral gyrus R GM	54	-0.0718	0.6057	-0.3404 to 0.2076	21	-0.1584	0.4927	-0.5618 to 0.3058

Postcentral gyrus L GM	54	0.0853	0.5399	-0.1946 to 0.3523	21	-0.3052	0.1785	-0.6590 to 0.1591
Superior parietal gyrus R GM	54	0.0152	0.9130	-0.2612 to 0.2894	21	0.3104	0.1709	-0.1535 to 0.6622
Superior parietal gyrus L GM	54	-0.0075	0.9570	-0.2823 to 0.2684	21	0.0844	0.7160	-0.3723 to 0.5082
Supramarginal gyrus R GM	54	-0.2680	0.0500	-0.5060 to 0.0078	21	0.2442	0.2862	-0.2228 to 0.6200
Supramarginal gyrus L GM	54	-0.1507	0.2767	-0.4091 to 0.1300	21	-0.1688	0.4644	-0.5691 to 0.2961
Angular gyrus R GM	54	-0.2299	0.0945	-0.4751 to 0.0486	21	0.1052	0.6500	-0.3541 to 0.5236
Angular gyrus L GM	54	0.0034	0.9806	-0.2722 to 0.2785	21	-0.1286	0.5786	-0.5406 to 0.3332
Precuneus R GM	54	0.07903	0.5700	-0.2007 to 0.3468	21	0.3442	0.1266	-0.1164 to 0.6829
Precuneus L GM	54	-0.0512	0.7132	-0.3220 to 0.2274	21	0.2364	0.3023	-0.2306 to 0.6148
Superior occipital gyrus R GM	54	-0.1877	0.1741	-0.4403 to 0.0924	21	0.5130	0.0174	0.0908 to 0.7789
Superior occipital gyrus L GM	54	-0.0500	0.7197	-0.3209 to 0.2285	21	0.1039	0.6540	-0.3553 to 0.5227
Middle occipital gyrus R GM	54	-0.1292	0.3520	-0.3906 to 0.1516	21	0.3987	0.0734	-0.0536 to 0.7152
Middle occipital gyrus L GM	54	-0.1761	0.2027	-0.4306 to 0.1043	21	0.0610	0.7927	-0.3924 to 0.4906
Inferior occipital gyrus R GM	54	-0.1421	0.3052	-0.4018 to 0.1386	21	0.1403	0.5442	-0.3226 to 0.5490
Inferior occipital gyrus L GM	54	-0.3446	0.0107	-0.5662 to -0.0766	21	0.1987	0.3879	-0.2677 to 0.5896
Cuneus R GM	54	-0.1814	0.1893	-0.4350 to 0.0989	21	-0.2740	0.2294	-0.6393 to 0.1921
Cuneus L GM	54	-0.1057	0.4468	-0.3703 to 0.1747	21	-0.2039	0.3753	-0.5932 to 0.2626
Superior temporal gyrus R GM	54	-0.3924	0.0033	-0.6026 to -0.1312	21	0.0286	0.9022	-0.4196 to 0.4655
Superior temporal gyrus L GM	54	-0.3550	0.0084	-0.5742 to -0.0883	21	-0.3844	0.0853	-0.7069 to 0.0704
Middle temporal gyrus R GM	54	-0.4413	0.0008	-0.6390 to -0.1889	21	0.02857	0.9022	-0.4196 to 0.4655
Middle temporal gyrus L GM	54	-0.3280	0.0155	-0.5534 to -0.0579	21	-0.2883	0.2050	-0.6484 to 0.1771
Inferior temporal gyrus R GM	54	-0.4270	0.0013	-0.6285 to -0.1719	21	-0.0403	0.8624	-0.4746 to 0.4099
Inferior temporal gyrus L GM	54	-0.3038	0.0255	-0.5344 to -0.0310	21	-0.4078	0.0665	-0.7205 to 0.0428
Parahippocampal gyrus R GM	54	-0.3452	0.0106	-0.5666 to -0.0771	21	-0.1065	0.6459	-0.5246 to 0.3530
Parahippocampal gyrus L GM	54	-0.3240	0.0169	-0.5502 to -0.0534	21	-0.2740	0.2294	-0.6393 to 0.1921
Lingual gyrus R GM	54	-0.1111	0.4238	-0.3750 to 0.1694	21	0.0286	0.9022	-0.4196 to 0.4655
Lingual gyrus L GM	54	-0.0752	0.5888	-0.3434 to 0.2044	21	-0.1701	0.4609	-0.5700 to 0.2949
Fusiform gyrus R GM	54	-0.1448	0.2963	-0.4040 to 0.1360	21	-0.0909	0.6951	-0.5131 to 0.3667
Fusiform gyrus L GM	54	-0.0762	0.5839	-0.3443 to 0.2034	21	-0.4584	0.0366	-0.7492 to -0.0196
Cingulate gyrus R GM	54	-0.3613	0.0073	-0.5790 to -0.0954	21	-0.1701	0.4609	-0.5700 to 0.2949
Cingulate gyrus L GM	54	-0.4425	0.0008	-0.6399 to -0.1904	21	-0.2039	0.3753	-0.5932 to 0.2626
Superior frontal gyrus R WM	54	-0.5934	<0.0001	-0.7468 to -0.3802	21	0.0883	0.7035	-0.3689 to 0.5111
Superior frontal gyrus L WM	54	-0.4457	0.0007	-0.6422 to -0.1942	21	-0.0273	0.9066	-0.4645 to 0.4206
Middle frontal gyrus R WM	54	-0.5799	<0.0001	-0.7375 to -0.3625	21	-0.0740	0.7498	-0.5004 to 0.3813
Middle frontal gyrus L WM	54	-0.5574	<0.0001	-0.7219 to -0.3332	21	-0.3299	0.1442	-0.6742 to 0.1323
Inferior frontal gyrus R WM	54	-0.4399	0.0009	-0.6380 to -0.1873	21	0.0520	0.8230	-0.4001 to 0.4836
Inferior frontal gyrus L WM	54	-0.4758	0.0003	-0.6642 to -0.2307	21	0.0494	0.8318	-0.4023 to 0.4817
Precentral gyrus R WM	54	-0.2151	0.1183	-0.4630 to 0.06405	21	0.2870	0.2071	-0.1785 to 0.6475
Precentral gyrus L WM	54	-0.2486	0.0699	-0.4904 to 0.02873	21	0.0844	0.7160	-0.3723 to 0.5082
Middle orbitofrontal gyrus R WM	54	-0.4984	0.0001	-0.6804 to -0.2585	21	-0.0558	0.8100	-0.4866 to 0.3968
Middle orbitofrontal gyrus L WM	54	-0.4167	0.0017	-0.6208 to -0.1596	21	-0.1766	0.4437	-0.5745 to 0.2888
Lateral orbitofrontal gyrus R WM	54	-0.4800	0.0002	-0.6672 to -0.2358	21	0.0792	0.7328	-0.3768 to 0.5044
Lateral orbitofrontal gyrus L WM	54	-0.3320	0.0142	-0.5565 to -0.0623	21	-0.0429	0.8537	-0.4766 to 0.4077
Gyrus rectus R WM	54	-0.0663	0.6338	-0.3355 to 0.2129	21	0.2844	0.2115	-0.1812 to 0.6459
Gyrus rectus L WM	54	0.0903	0.5161	-0.1898 to 0.3568	21	0.2234	0.3304	-0.2435 to 0.6062
Postcentral gyrus R WM	54	-0.0751	0.5893	-0.3434 to 0.2045	21	0.3325	0.1409	-0.1294 to 0.6758
Postcentral gyrus L WM	54	-0.0271	0.8455	-0.3002 to 0.2501	21	0.2117	0.3570	-0.2550 to 0.5984
Superior parietal gyrus R WM	54	-0.0199	0.8865	-0.2936 to 0.2569	21	0.3610	0.1078	-0.0974 to 0.6931
Superior parietal gyrus L WM	54	-0.0439	0.7525	-0.3154 to 0.2343	21	0.2247	0.3275	-0.2423 to 0.6071
Supramarginal gyrus R WM	54	-0.1818	0.1883	-0.4354 to 0.0985	21	0.3052	0.1785	-0.1591 to 0.6590
Supramarginal gyrus L WM	54	-0.1243	0.3705	-0.3864 to 0.1564	21	-0.0909	0.6951	-0.5131 to 0.3667
Angular gyrus R WM	54	-0.1653	0.2324	-0.4214 to 0.1153	21	-0.2416	0.2915	-0.6183 to 0.2254
Angular gyrus L WM	54	-0.2341	0.0885	-0.4786 to 0.0441	21	0.2065	0.3692	-0.2601 to 0.5949
Precuneus R WM	54	-0.1125	0.4179	-0.3762 to 0.1680	21	0.4442	0.0437	0.0017 to 0.7412
Precuneus L WM	54	-0.0601	0.6658	-0.3300 to 0.2188	21	0.2740	0.2294	-0.1921 to 0.6393
Superior occipital gyrus R WM	54	0.0049	0.9718	-0.2708 to 0.2799	21	-0.0312	0.8933	-0.4675 to 0.4174
Superior occipital gyrus L WM	54	0.2328	0.0903	-0.0455 to 0.4775	21	0.0052	0.9822	-0.4386 to 0.4470
Middle occipital gyrus R WM	54	0.1687	0.2226	-0.1118 to 0.4243	21	-0.1260	0.5864	-0.5387 to 0.3356
Middle occipital gyrus L WM	54	0.0684	0.6231	-0.2109 to 0.3374	21	-0.1468	0.5256	-0.5536 to 0.3167
Inferior occipital gyrus R WM	54	0.0189	0.8923	-0.2578 to 0.2927	21	0.0468	0.8405	-0.4044 to 0.4797
Inferior occipital gyrus L WM	54	-0.1671	0.2272	-0.4230 to 0.1135	21	0.2857	0.2093	-0.1799 to 0.6467

Cuneus R WM	54	0.1570	0.2568	-0.1236 to 0.4145	21	-0.1286	0.5786	-0.5406 to 0.3332
Cuneus L WM	54	0.1709	0.2166	-0.1096 to 0.4262	21	0.0234	0.9199	-0.4238 to 0.4614
Superior temporal gyrus R WM	54	-0.0754	0.5880	-0.3436 to 0.2042	21	0.2221	0.3333	-0.2448 to 0.6054
Superior temporal gyrus L WM	54	-0.2009	0.1451	-0.4513 to 0.0788	21	-0.1377	0.5518	-0.5471 to 0.3250
Middle temporal gyrus R WM	54	-0.2523	0.0657	-0.4934 to 0.0247	21	-0.0831	0.7202	-0.5073 to 0.3735
Middle temporal gyrus L WM	54	-0.1498	0.2797	-0.4083 to 0.1310	21	-0.2727	0.2317	-0.6384 to 0.1935
Inferior temporal gyrus R WM	54	-0.2556	0.0621	-0.4960 to 0.0213	21	0.0247	0.9154	-0.4228 to 0.4624
Inferior temporal gyrus L WM	54	-0.1866	0.1767	-0.4394 to 0.0936	21	-0.2545	0.2655	-0.6267 to 0.2122
Parahippocampal gyrus R WM	54	-0.4533	0.0006	-0.6478 to -0.2034	21	0.1922	0.4039	-0.2739 to 0.5852
Parahippocampal gyrus L WM	54	-0.2972	0.0291	-0.5292 to -0.0238	21	-0.1766	0.4437	-0.5745 to 0.2888
Lingual gyrus R WM	54	0.0793	0.5689	-0.2005 to 0.3470	21	0.2455	0.2835	-0.2214 to 0.6208
Lingual gyrus L WM	54	0.2175	0.1141	-0.0615 to 0.4650	21	0.1636	0.4785	-0.3010 to 0.5655
Fusiform gyrus R WM	54	-0.0693	0.6188	-0.3381 to 0.2101	21	0.2351	0.3050	-0.2319 to 0.6140
Fusiform gyrus L WM	54	-0.0779	0.5757	-0.3458 to 0.2018	21	-0.0649	0.7798	-0.4936 to 0.3891
Cingulate gyrus R WM	54	-0.2909	0.0328	-0.5243 to -0.0170	21	0.2740	0.2294	-0.1921 to 0.6393
Cingulate gyrus L WM	54	-0.3294	0.0150	-0.5545 to -0.0595	21	0.1325	0.5670	-0.3297 to 0.5434
Cerebral WM	54	-0.4221	0.0015	-0.6248 to -0.1660	21	-0.0338	0.8845	-0.4696 to 0.4153
Cerebral WM R	54	-0.4381	0.0009	-0.6366 to -0.1851	21	0.0818	0.7244	-0.3746 to 0.5063
Cerebral WM L	54	-0.4013	0.0026	-0.6093 to -0.1416	21	-0.1052	0.6500	-0.5236 to 0.3541
Hippocampus	54	-0.4060	0.0023	-0.6129 to -0.1471	21	-0.0675	0.7712	-0.4955 to 0.3869
Hippocampus R	54	-0.4273	0.0013	-0.6287 to -0.1722	21	0.0143	0.9510	-0.4313 to 0.4542
Hippocampus L	54	-0.3582	0.0078	-0.577 to -0.0919	21	-0.1935	0.4007	-0.5861 to 0.2727
Amygdala	54	-0.4756	0.0003	-0.6640 to -0.2304	21	-0.0974	0.6745	-0.5179 to 0.3610
Amygdala R	54	-0.4987	0.0001	-0.6806 to -0.2589	21	-0.0013	0.9955	-0.4439 to 0.4418
Amygdala L	54	-0.4083	0.0022	-0.6146 to -0.1498	21	-0.0701	0.7626	-0.4975 to 0.3846
Accumbens	54	-0.5638	<0.0001	-0.7264 to -0.3414	21	-0.3987	0.0734	-0.7152 to 0.0536
Accumbens R	54	-0.5656	<0.0001	-0.7276 to -0.3437	21	-0.3974	0.0744	-0.7145 to 0.0551
Accumbens L	54	-0.5227	<0.0001	-0.6976 to -0.2889	21	-0.5091	0.0184	-0.7768 to -0.0856
Pallidum	54	-0.3108	0.0222	-0.5399 to -0.0388	21	-0.5000	0.0210	-0.7719 to -0.0734
Pallidum R	54	-0.3229	0.0172	-0.5494 to -0.0522	21	-0.5571	0.0087	-0.8021 to -0.1518
Pallidum L	54	-0.2944	0.0307	-0.5270 to -0.0208	21	-0.4545	0.0384	-0.7470 to -0.01467
Thalamus	54	-0.2874	0.0351	-0.5215 to -0.0131	21	-0.4623	0.0348	-0.7513 to -0.0245
Thalamus R	54	-0.3139	0.0208	-0.5423 to -0.0422	21	-0.4221	0.0567	-0.7287 to 0.0255
Thalamus L	54	-0.2371	0.0843	-0.4810 to 0.0409	21	-0.4156	0.0610	-0.7250 to 0.0334
Lateral ventricle	54	0.4019	0.0026	0.1423 to 0.6097	21	0.1857	0.4203	-0.2802 to 0.5808
Lateral ventricle L	54	0.3790	0.0047	0.1158 to 0.5925	21	0.2896	0.2029	-0.1758 to 0.6492
Lateral ventricle R	54	0.4125	0.0019	0.1547 to 0.6177	21	0.0779	0.7371	-0.3779 to 0.5034

Significant results (after Bonferroni correction for multiple comparisons) are highlighted.

R. right; L. left; GM. gray matter; WM. white matter.

Supplementary Table e-3: Correlation analysis results for follow-up serum NfL with functional scores and regional brain volumes for bvFTD and AD.

Parameter	bvFTD				AD			
	n	r	p	95% C.I.	n	r	p	95% C.I.
MMSE	65	-0.5629	<0.0001	-0.7131 to -0.3633	26	-0.2485	0.2208	-0.5881 to 0.1655
CDR-SOB	66	0.5076	<0.0001	0.2960 to 0.6717	21	0.1522	0.5100	-0.3116 to 0.5575
FTLD-CDR-SOB	65	0.5324	<0.0001	0.3249 to 0.6910	21	0.2670	0.2420	-0.1994 to 0.6348
Cerebrum	40	-0.4854	0.0015	-0.6972 to -0.1956	14	0.0418	0.8873	-0.5130 to 0.5719
Cerebrum GM	40	-0.4784	0.0018	-0.6925 to -0.1869	14	0.0681	0.8170	-0.4932 to 0.5894
Cerebrum WM	40	-0.3298	0.0377	-0.5879 to -0.0108	14	-0.2308	0.4273	-0.6877 to 0.3571
Cerebrum R	40	-0.5218	0.0006	-0.7214 to -0.2420	14	0.2747	0.3418	-0.3155 to 0.7117
Cerebrum L	40	-0.4259	0.0061	-0.6565 to -0.1224	14	-0.2132	0.4643	-0.6778 to 0.3731
Cerebrum R GM	40	-0.4857	0.0015	-0.6974 to -0.1961	14	0.2879	0.3182	-0.3025 to 0.7187
Cerebrum L GM	40	-0.4463	0.0039	-0.6707 to -0.1472	14	-0.0901	0.7593	-0.6037 to 0.4763
Cerebrum R WM	40	-0.4004	0.0105	-0.6387 to -0.0920	14	-0.1033	0.7253	-0.6121 to 0.4660
Cerebrum L WM	40	-0.2675	0.0951	-0.5413 to 0.0576	14	-0.3890	0.1692	-0.7695 to 0.1954
Cerebral cortex	40	-0.4694	0.0022	-0.6864 to -0.1757	14	0.0593	0.8403	-0.4999 to 0.5837
Cerebral cortex R	40	-0.4824	0.0016	-0.6952 to -0.1918	14	0.3231	0.2599	-0.2669 to 0.7369
Cerebral cortex L	40	-0.4233	0.0065	-0.6547 to -0.1193	14	-0.1077	0.7140	-0.6149 to 0.4625
Cerebral subcortex	40	-0.3484	0.0276	-0.6015 to -0.0318	14	-0.2088	0.4738	-0.6753 to 0.3771
Cerebral subcortex R	40	-0.4167	0.0075	-0.6501 to -0.1114	14	-0.0506	0.8637	-0.5778 to 0.5065
Cerebral subcortex L	40	-0.2698	0.0923	-0.5430 to 0.0551	14	-0.3187	0.2668	-0.7346 to 0.2714
Frontal lobe	40	-0.5201	0.0006	-0.7203 to -0.2399	14	0.1297	0.6586	-0.4448 to 0.6285
Frontal lobe GM	40	-0.5068	0.0008	-0.7115 to -0.2227	14	0.1736	0.5528	-0.4080 to 0.6550
Frontal lobe WM	40	-0.4011	0.0103	-0.6392 to -0.0929	14	-0.3758	0.1854	-0.7632 to 0.2102
Frontal lobe R	40	-0.5396	0.0003	-0.7331 to -0.2653	14	0.2308	0.4273	-0.3571 to 0.6877
Frontal lobe L	40	-0.5094	0.0008	-0.7132 to -0.2261	14	-0.1033	0.7253	-0.6121 to 0.4660
Frontal lobe R GM	40	-0.5313	0.0004	-0.7277 to -0.2545	14	0.3363	0.2398	-0.2531 to 0.7436
Frontal lobe R WM	40	-0.4403	0.0045	-0.6665 to -0.1399	14	0.0550	0.8520	-0.5032 to 0.5807
Frontal lobe L GM	40	-0.4842	0.0015	-0.6964 to -0.1942	14	-0.0374	0.8991	-0.5689 to 0.5162
Frontal lobe L WM	40	-0.4122	0.0082	-0.6470 to -0.1060	14	-0.4198	0.1351	-0.7841 to 0.1598
Temporal lobe	40	-0.4193	0.0071	-0.6520 to -0.1145	14	-0.0022	0.9941	-0.5447 to 0.5416
Temporal lobe GM	40	-0.3940	0.0119	-0.6342 to -0.0845	14	0.0110	0.9703	-0.5353 to 0.5508
Temporal lobe WM	40	-0.3176	0.0458	-0.5789 to 0.00281	14	-0.1956	0.5028	-0.6678 to 0.3888
Temporal lobe R	40	-0.4525	0.0034	-0.6749 to -0.1548	14	0.3934	0.1640	-0.1904 to 0.7717
Temporal lobe L	40	-0.3570	0.0237	-0.6077 to -0.0416	14	-0.1780	0.5426	-0.6576 to 0.4042
Temporal lobe R GM	40	-0.4193	0.0071	-0.6520 to -0.1145	14	0.4286	0.1263	-0.1493 to 0.7882
Temporal lobe R WM	40	-0.3989	0.0108	-0.6376 to -0.0902	14	-0.0462	0.8755	-0.5749 to 0.5097
Temporal lobe L GM	40	-0.3645	0.0207	-0.6131 to -0.0503	14	-0.1868	0.5225	-0.6627 to 0.3965
Temporal lobe L WM	40	-0.2328	0.1482	-0.5146 to 0.0944	14	-0.2396	0.4094	-0.6926 to 0.3490
Parietal lobe	40	-0.1690	0.2971	-0.4641 to 0.1598	14	0.1297	0.6586	-0.4448 to 0.6285
Parietal lobe GM	40	-0.1174	0.4704	-0.4217 to 0.2106	14	0.1648	0.5733	-0.4155 to 0.6498
Parietal lobe WM	40	-0.0707	0.6645	-0.3822 to 0.2552	14	-0.2527	0.3833	-0.6998 to 0.3366
Parietal lobe R	40	-0.1497	0.3565	-0.4484 to 0.1790	14	0.2308	0.4273	-0.3571 to 0.6877
Parietal lobe L	40	-0.1589	0.3274	-0.4559 to 0.1699	14	-0.0198	0.9465	-0.5569 to 0.5290
Parietal lobe R GM	40	-0.1816	0.2620	-0.4742 to 0.1471	14	0.3275	0.2531	-0.2623 to 0.7391
Parietal lobe R WM	40	-0.1201	0.4605	-0.4239 to 0.2081	14	-0.0198	0.9465	-0.5569 to 0.5290
Parietal lobe L GM	40	-0.0912	0.5758	-0.3997 to 0.2359	14	0.1165	0.6917	-0.4555 to 0.6204
Parietal lobe L WM	40	-0.0507	0.7562	-0.3649 to 0.2739	14	-0.3231	0.2599	-0.7369 to 0.2669
Occipital lobe	40	-0.0542	0.7397	-0.3680 to 0.2706	14	0.0022	0.9941	-0.5416 to 0.5447
Occipital lobe R	40	-0.1135	0.4856	-0.4185 to 0.2144	14	-0.0374	0.8991	-0.5689 to 0.5162
Occipital lobe L	40	-0.0036	0.9826	-0.3234 to 0.3170	14	-0.0330	0.9109	-0.5660 to 0.5195
Occipital lobe GM	40	-0.1415	0.3839	-0.4416 to 0.1872	14	0.1429	0.6261	-0.4339 to 0.6366
Occipital lobe WM	40	0.0707	0.6645	-0.2552 to 0.3822	14	-0.2396	0.4094	-0.6926 to 0.3490
Occipital lobe R GM	40	-0.1448	0.3725	-0.4444 to 0.1838	14	0.1956	0.5028	-0.3888 to 0.6678
Occipital lobe R WM	40	0.0026	0.9872	-0.3178 to 0.3225	14	-0.3890	0.1692	-0.7695 to 0.1954
Occipital lobe L GM	40	-0.0963	0.5547	-0.4040 to 0.2310	14	0.0593	0.8403	-0.4999 to 0.5837
Occipital lobe L WM	40	0.1281	0.4307	-0.2002 to 0.4306	14	-0.2220	0.4456	-0.6828 to 0.3652
Insula	40	-0.4497	0.0036	-0.6730 to -0.1514	14	-0.0374	0.8991	-0.5689 to 0.5162

Insula R	40	-0.4675	0.0024	-0.6851 to -0.1733	14	0.1385	0.6369	-0.4376 to 0.6339
Insula L	40	-0.3593	0.0228	-0.6094 to -0.0442	14	-0.0813	0.7823	-0.5980 to 0.4831
Striatum	40	-0.4064	0.0093	-0.6429 to -0.0991	14	0.0550	0.8520	-0.5032 to 0.5807
Striatum R	40	-0.4647	0.0025	-0.6832 to -0.1698	14	0.2747	0.3418	-0.3155 to 0.7117
Striatum L	40	-0.3370	0.0335	-0.5931 to -0.01883	14	0.03736	0.8991	-0.5162 to 0.5689
Caudate	40	-0.4011	0.0103	-0.6392 to -0.09290	14	-0.002198	0.9941	-0.5447 to 0.5416
Caudate R	40	-0.4542	0.0032	-0.6761 to -0.1569	14	0.05934	0.8403	-0.4999 to 0.5837
Caudate L	40	-0.3017	0.0585	-0.5671 to 0.02044	14	-0.1297	0.6586	-0.6285 to 0.4448
Putamen	40	-0.4284	0.0058	-0.6583 to -0.1255	14	0.1956	0.5028	-0.3888 to 0.6678
Putamen R	40	-0.4722	0.0021	-0.6883 to -0.1792	14	0.3495	0.2207	-0.2390 to 0.7502
Putamen L	40	-0.3788	0.0159	-0.6234 to -0.0667	14	0.0769	0.7938	-0.4865 to 0.5952
Hippocampus+Amygdala	40	-0.3006	0.0595	-0.5662 to 0.0217	14	-0.2308	0.4273	-0.6877 to 0.3571
Hippocampus+Amygdala R	40	-0.3291	0.0381	-0.5874 to -0.0100	14	-0.0286	0.9228	-0.5630 to 0.5227
Hippocampus+Amygdala L	40	-0.2666	0.0963	-0.5406 to 0.0586	14	-0.3714	0.1910	-0.7610 to 0.2151
Cerebellum	40	0.1231	0.4493	-0.2052 to 0.4264	14	-0.1253	0.6696	-0.6258 to 0.4484
Cerebellum GM	40	0.1717	0.2895	-0.1571 to 0.4662	14	-0.0110	0.9703	-0.5508 to 0.5353
Cerebellum WM	40	-0.0004	0.9982	-0.3205 to 0.3198	14	-0.6044	0.0221	-0.8639 to -0.0912
Cerebellum R	40	0.1435	0.3769	-0.1851 to 0.4433	14	-0.2747	0.3418	-0.7117 to 0.3155
Cerebellum L	40	0.1036	0.5248	-0.2240 to 0.4101	14	-0.0813	0.7823	-0.5980 to 0.4831
Cerebellum R GM	40	0.1747	0.2810	-0.1541 to 0.4686	14	-0.2659	0.3581	-0.7069 to 0.3240
Cerebellum R WM	40	0.0432	0.7915	-0.2809 to 0.3584	14	-0.5824	0.0289	-0.8551 to -0.0575
Cerebellum L GM	40	0.1525	0.3474	-0.1762 to 0.4507	14	0.0550	0.8520	-0.5032 to 0.5807
Cerebellum L WM	40	-0.0302	0.8532	-0.3470 to 0.2928	14	-0.5824	0.0289	-0.8551 to -0.0575
Brainstem	40	-0.0394	0.8093	-0.3551 to 0.2843	14	-0.1473	0.6154	-0.6392 to 0.4303
Brainstem R	40	-0.0415	0.7995	-0.3569 to 0.2824	14	-0.1692	0.5630	-0.6524 to 0.4117
Brainstem L	40	-0.0325	0.8424	-0.3490 to 0.2907	14	-0.1560	0.5942	-0.6445 to 0.4229
Midbrain	40	-0.1291	0.4273	-0.4314 to 0.1993	14	-0.1604	0.5838	-0.6472 to 0.4192
Pons	40	-0.0135	0.9341	-0.3322 to 0.3080	14	-0.0110	0.9703	-0.5508 to 0.5353
Medulla	40	0.0488	0.7650	-0.2757 to 0.3633	14	0.0066	0.9822	-0.5385 to 0.5478
Corpus callosum plane	40	-0.2099	0.1935	-0.4967 to 0.1182	14	0.0330	0.9109	-0.5195 to 0.5660
Cerebellar vermis plane	40	0.0567	0.7284	-0.2684 to 0.3701	14	-0.0769	0.7938	-0.5952 to 0.4865
Midbrain plane	40	-0.3071	0.0539	-0.5711 to 0.0145	14	0.1165	0.6917	-0.4555 to 0.6204
Midbrain tegmentum plane	40	-0.1381	0.3955	-0.4388 to 0.1905	14	0.1780	0.5426	-0.4042 to 0.6576
Pons plane	40	0.0422	0.7959	-0.2818 to 0.3575	14	-0.0070	0.9822	-0.5478 to 0.5385
Pons pars basilaris plane	40	0.0606	0.7103	-0.2647 to 0.3735	14	0.0022	0.9941	-0.5416 to 0.5447
Medulla plane	40	0.0113	0.9450	-0.3100 to 0.3302	14	0.0066	0.9822	-0.5385 to 0.5478
Superior frontal gyrus R G	40	-0.5356	0.0004	-0.7305 to -0.2601	14	0.0637	0.8286	-0.4966 to 0.5866
Superior frontal gyrus L G	40	-0.4503	0.0036	-0.6734 to -0.1520	14	-0.0286	0.9228	-0.5630 to 0.5227
Middle frontal gyrus R GM	40	-0.5510	0.0002	-0.7405 to -0.2803	14	0.2527	0.3833	-0.3366 to 0.6998
Middle frontal gyrus L GM	40	-0.5383	0.0003	-0.7322 to -0.2635	14	0.0286	0.9228	-0.5227 to 0.5630
Inferior frontal gyrus R G	40	-0.4424	0.0043	-0.6680 to -0.1424	14	0.3187	0.2668	-0.2714 to 0.7346
Inferior frontal gyrus L G	40	-0.4775	0.0018	-0.6919 to -0.1857	14	-0.0901	0.7593	-0.6037 to 0.4763
Precentral gyrus R GM	40	-0.1193	0.4633	-0.4233 to 0.2088	14	0.2000	0.4930	-0.3849 to 0.6703
Precentral gyrus L GM	40	-0.1728	0.2863	-0.4671 to 0.1560	14	-0.1253	0.6696	-0.6258 to 0.4484
Middle orbitofrontal gyrus	40	-0.5351	0.0004	-0.7302 to -0.2594	14	0.1209	0.6806	-0.4519 to 0.6231
Middle orbitofrontal gyrus	40	-0.5107	0.0008	-0.7141 to -0.2278	14	-0.1121	0.7028	-0.6176 to 0.4590
Lateral orbitofrontal gyru	40	-0.6113	<0.0001	-0.7790 to -0.3619	14	0.1912	0.5126	-0.3927 to 0.6652
Lateral orbitofrontal gyru	40	-0.5019	0.0010	-0.7082 to -0.2165	14	-0.0637	0.8286	-0.5866 to 0.4966
Gyrus rectus R GM	40	-0.5360	0.0004	-0.7308 to -0.2606	14	-0.1121	0.7028	-0.6176 to 0.4590
Gyrus rectus L GM	40	-0.2463	0.1256	-0.5250 to 0.0802	14	-0.1912	0.5126	-0.6652 to 0.3927
Postcentral gyrus R GM	40	-0.0824	0.6134	-0.3922 to 0.2442	14	0.2703	0.3499	-0.3197 to 0.7093
Postcentral gyrus L GM	40	0.0045	0.9780	-0.3161 to 0.3242	14	0.0813	0.7823	-0.4831 to 0.5980
Superior parietal gyrus R	40	-0.0660	0.6856	-0.3782 to 0.2596	14	0.2835	0.3260	-0.3069 to 0.7163
Superior parietal gyrus L	40	-0.2122	0.1887	-0.4985 to 0.1158	14	0.1868	0.5225	-0.3965 to 0.6627
Supramarginal gyrus R GM	40	-0.4026	0.0100	-0.6403 to -0.0947	14	0.2220	0.4456	-0.3652 to 0.6828
Supramarginal gyrus L GM	40	-0.0914	0.5750	-0.3998 to 0.2357	14	-0.0769	0.7938	-0.5952 to 0.4865
Angular gyrus R GM	40	-0.2276	0.1579	-0.5105 to 0.0999	14	0.1824	0.5325	-0.4004 to 0.6601
Angular gyrus L GM	40	-0.0201	0.9021	-0.3381 to 0.3020	14	-0.1033	0.7253	-0.6121 to 0.4660
Precuneus R GM	40	0.0381	0.8155	-0.2856 to 0.3539	14	0.5429	0.0449	-0.0004 to 0.8387
Precuneus L GM	40	-0.0133	0.9350	-0.3321 to 0.3082	14	0.0857	0.7708	-0.4797 to 0.6009
Superior occipital gyrus R	40	-0.1897	0.2411	-0.4807 to 0.1389	14	0.3407	0.2333	-0.2484 to 0.7458

Superior occipital gyrus L	40	-0.1201	0.4605	-0.4239 to 0.2081	14	0.2308	0.4273	-0.3571 to 0.6877
Middle occipital gyrus R G	40	-0.2283	0.1565	-0.5111 to 0.0991	14	0.3275	0.2531	-0.2623 to 0.7391
Middle occipital gyrus L G	40	-0.0949	0.5601	-0.4028 to 0.2323	14	-0.0725	0.8054	-0.5923 to 0.4899
Inferior occipital gyrus R	40	-0.0797	0.6248	-0.3899 to 0.2467	14	-0.0154	0.9584	-0.5539 to 0.5322
Inferior occipital gyrus L	40	-0.2867	0.0729	-0.5558 to 0.0369	14	0.05495	0.8520	-0.5032 to 0.5807
Cuneus R GM	40	-0.1497	0.3565	-0.4484 to 0.1790	14	0.1516	0.6048	-0.4266 to 0.6419
Cuneus L GM	40	-0.1724	0.2874	-0.4668 to 0.1564	14	-0.04176	0.8873	-0.5719 to 0.5130
Superior temporal gyrus R	40	-0.3758	0.0169	-0.6212 to -0.0633	14	0.3802	0.1799	-0.2053 to 0.7653
Superior temporal gyrus L	40	-0.3143	0.0483	-0.5764 to 0.006560	14	-0.0813	0.7823	-0.5980 to 0.4831
Middle temporal gyrus R GM	40	-0.4839	0.0016	-0.6962 to -0.1937	14	0.2176	0.4549	-0.3692 to 0.6803
Middle temporal gyrus L GM	40	-0.3906	0.0127	-0.6318 to -0.08053	14	0.0021	0.9941	-0.5416 to 0.5447
Inferior temporal gyrus R	40	-0.4302	0.0056	-0.6595 to -0.1276	14	0.1648	0.5733	-0.4155 to 0.6498
Inferior temporal gyrus L	40	-0.3669	0.0199	-0.6148 to -0.05297	14	-0.2396	0.4094	-0.6926 to 0.3490
Parahippocampal gyrus R GM	40	-0.2576	0.1085	-0.5337 to 0.06818	14	0.2484	0.3919	-0.3407 to 0.6974
Parahippocampal gyrus L GM	40	-0.2092	0.1952	-0.4961 to 0.1189	14	-0.0550	0.8520	-0.5807 to 0.5032
Lingual gyrus R GM	40	0.02608	0.8731	-0.3434 to 0.2966	14	0.4462	0.1098	-0.1280 to 0.7963
Lingual gyrus L GM	40	0.04709	0.7729	-0.2772 to 0.3618	14	-0.0681	0.8170	-0.5894 to 0.4932
Fusiform gyrus R GM	40	-0.2101	0.1931	-0.4969 to 0.1180	14	0.3978	0.1590	-0.1854 to 0.7738
Fusiform gyrus L GM	40	-0.1131	0.4870	-0.4181 to 0.2148	14	-0.4022	0.1540	-0.7758 to 0.1803
Cingulate gyrus R GM	40	-0.2392	0.1371	-0.5196 to 0.0877	14	-0.2044	0.4833	-0.6728 to 0.3810
Cingulate gyrus L GM	40	-0.3720	0.0181	-0.6185 to -0.0589	14	-0.0769	0.7938	-0.5952 to 0.4865
Superior frontal gyrus R W	40	-0.4538	0.0033	-0.6758 to -0.1564	14	-0.0418	0.8873	-0.5719 to 0.5130
Superior frontal gyrus L W	40	-0.3368	0.0336	-0.5930 to -0.0186	14	-0.2835	0.3260	-0.7163 to 0.3069
Middle frontal gyrus R WM	40	-0.5143	0.0007	-0.7165 to -0.2324	14	-0.0945	0.7479	-0.6065 to 0.4729
Middle frontal gyrus L WM	40	-0.4580	0.0030	-0.6786 to -0.1615	14	-0.4374	0.1178	-0.7923 to 0.1387
Inferior frontal gyrus R W	40	-0.4482	0.0037	-0.6720 to -0.1495	14	0.2615	0.3664	-0.3282 to 0.7046
Inferior frontal gyrus L W	40	-0.3977	0.0110	-0.6368 to -0.0889	14	-0.5648	0.0353	-0.8479 to -0.031
Precentral gyrus R WM	40	-0.1809	0.2641	-0.4736 to 0.1479	14	0.1253	0.6696	-0.4484 to 0.6258
Precentral gyrus L WM	40	-0.1614	0.3199	-0.4579 to 0.1675	14	-0.2747	0.3418	-0.7117 to 0.3155
Middle orbitofrontal gyrus	40	-0.5265	0.0005	-0.7245 to -0.2481	14	-0.1122	0.7025	-0.6177 to 0.4589
Middle orbitofrontal gyrus	40	-0.4251	0.0062	-0.6560 to -0.1215	14	-0.2659	0.3581	-0.7069 to 0.3240
Lateral orbitofrontal gyru	40	-0.5054	0.0009	-0.7106 to -0.2211	14	-0.2703	0.3499	-0.7093 to 0.3197
Lateral orbitofrontal gyru	40	-0.4101	0.0086	-0.6455 to -0.1035	14	-0.3319	0.2464	-0.7414 to 0.2577
Gyrus rectus R WM	40	0.0029	0.9858	-0.3175 to 0.3228	14	-0.0637	0.8286	-0.5866 to 0.4966
Gyrus rectus L WM	40	0.1644	0.3109	-0.1645 to 0.4603	14	-0.0418	0.8873	-0.5719 to 0.5130
Postcentral gyrus R WM	40	-0.0195	0.9049	-0.3376 to 0.3025	14	0.2044	0.4833	-0.3810 to 0.6728
Postcentral gyrus L WM	40	-0.0214	0.8958	-0.3392 to 0.3008	14	-0.01099	0.9703	-0.5508 to 0.5353
Superior parietal gyrus R	40	-0.0323	0.8433	-0.3488 to 0.2909	14	0.2967	0.3030	-0.2938 to 0.7233
Superior parietal gyrus L	40	-0.0889	0.5853	-0.3978 to 0.2380	14	-0.3846	0.1745	-0.7674 to 0.2004
Supramarginal gyrus R WM	40	-0.2077	0.1984	-0.4949 to 0.1205	14	0.1209	0.6806	-0.4519 to 0.6231
Supramarginal gyrus L WM	40	-0.0296	0.8559	-0.3465 to 0.2933	14	-0.3451	0.2269	-0.7480 to 0.2437
Angular gyrus R WM	40	-0.2456	0.1266	-0.5245 to 0.0809	14	-0.2308	0.4273	-0.6877 to 0.3571
Angular gyrus L WM	40	-0.1045	0.5210	-0.4109 to 0.2231	14	-0.6571	0.0107	-0.8846 to -0.1773
Precuneus R WM	40	-0.1991	0.2182	-0.4881 to 0.1293	14	0.3670	0.1967	-0.2199 to 0.7589
Precuneus L WM	40	-0.1651	0.3086	-0.4609 to 0.1637	14	-0.1824	0.5325	-0.6601 to 0.4004
Superior occipital gyrus R	40	-0.0370	0.8209	-0.3529 to 0.2866	14	-0.2835	0.3260	-0.7163 to 0.3069
Superior occipital gyrus L	40	-0.0383	0.8146	-0.3541 to 0.2854	14	0.2659	0.3581	-0.3240 to 0.7069
Middle occipital gyrus R W	40	0.0719	0.6595	-0.2541 to 0.3832	14	-0.3934	0.1640	-0.7717 to 0.1904
Middle occipital gyrus L W	40	0.1856	0.2517	-0.1431 to 0.4774	14	-0.2132	0.4643	-0.6778 to 0.3731
Inferior occipital gyrus R	40	-0.1214	0.4556	-0.4250 to 0.2068	14	-0.2396	0.4094	-0.6926 to 0.3490
Inferior occipital gyrus L	40	-0.0486	0.7659	-0.3631 to 0.2759	14	-0.1824	0.5325	-0.6601 to 0.4004
Cuneus R WM	40	-0.0358	0.8262	-0.3520 to 0.2876	14	-0.5297	0.0514	-0.8331 to 0.0189
Cuneus L WM	40	0.1248	0.4430	-0.2035 to 0.4278	14	-0.2571	0.3748	-0.7022 to 0.3324
Superior temporal gyrus R	40	-0.2460	0.1260	-0.5248 to 0.0805	14	-0.1165	0.6917	-0.6204 to 0.4555
Superior temporal gyrus L	40	-0.2629	0.1013	-0.5378 to 0.0626	14	-0.2264	0.4364	-0.6852 to 0.3612
Middle temporal gyrus R WM	40	-0.4054	0.0094	-0.6422 to -0.0980	14	0.0022	0.9941	-0.5416 to 0.5447
Middle temporal gyrus L WM	40	-0.1493	0.3577	-0.4481 to 0.1794	14	-0.0813	0.7823	-0.5980 to 0.4831
Inferior temporal gyrus R	40	-0.4051	0.0095	-0.6420 to -0.0976	14	-0.1253	0.6696	-0.6258 to 0.4484
Inferior temporal gyrus L	40	-0.3462	0.0287	-0.5998 to -0.0292	14	-0.4198	0.1351	-0.7841 to 0.1598
Parahippocampal gyrus R WM	40	-0.2411	0.1340	-0.5210 to 0.0857	14	0.0242	0.9346	-0.5259 to 0.5599

Parahippocampal gyrus L WM	40	-0.1904	0.2392	-0.4812 to 0.1381	14	-0.4593	0.0985	-0.8023 to 0.1116
Lingual gyrus R WM	40	0.0283	0.8622	-0.2945 to 0.3454	14	-0.0637	0.8286	-0.5866 to 0.4966
Lingual gyrus L WM	40	0.1752	0.2795	-0.1535 to 0.4691	14	-0.3011	0.2955	-0.7256 to 0.2893
Fusiform gyrus R WM	40	-0.2884	0.0712	-0.5571 to 0.0350	14	-0.0066	0.9822	-0.5478 to 0.5385
Fusiform gyrus L WM	40	-0.1720	0.2884	-0.4665 to 0.1567	14	-0.3055	0.2882	-0.7279 to 0.2849
Cingulate gyrus R WM	40	-0.3235	0.0418	-0.5832 to -0.0037	14	-0.0857	0.7708	-0.6009 to 0.4797
Cingulate gyrus L WM	40	-0.3477	0.0279	-0.6009 to -0.0309	14	-0.1121	0.7028	-0.6176 to 0.4590
Cerebral WM	40	-0.4653	0.0025	-0.6836 to -0.1705	14	0.0593	0.8403	-0.4999 to 0.5837
Cerebral WM R	40	-0.4765	0.0019	-0.6912 to -0.1845	14	0.3187	0.2668	-0.2714 to 0.7346
Cerebral WM L	40	-0.4212	0.0068	-0.6533 to -0.1168	14	-0.0593	0.8403	-0.5837 to 0.4999
Hippocampus	40	-0.3492	0.0272	-0.6020 to -0.0327	14	-0.1912	0.5126	-0.6652 to 0.3927
Hippocampus R	40	-0.3893	0.0130	-0.6308 to -0.0790	14	0.0022	0.9941	-0.5416 to 0.5447
Hippocampus L	40	-0.2827	0.0771	-0.5529 to 0.0411	14	-0.2527	0.3833	-0.6998 to 0.3366
Amygdala	40	-0.2698	0.0923	-0.5430 to 0.0551	14	-0.2176	0.4549	-0.6803 to 0.3692
Amygdala R	40	-0.2961	0.0636	-0.5629 to 0.0266	14	0.0506	0.8637	-0.5065 to 0.5778
Amygdala L	40	-0.2137	0.1855	-0.4997 to 0.1143	14	-0.3187	0.2668	-0.7346 to 0.2714
Accumbens	40	-0.3394	0.0322	-0.5949 to -0.0216	14	-0.2791	0.3338	-0.7140 to 0.3112
Accumbens R	40	-0.3199	0.0442	-0.5806 to 0.0003	14	0.0286	0.9228	-0.5227 to 0.5630
Accumbens L	40	-0.3364	0.0338	-0.5927 to -0.0182	14	-0.4110	0.1443	-0.7800 to 0.1701
Pallidum	40	-0.3976	0.0111	-0.6367 to -0.0887	14	-0.0462	0.8755	-0.5749 to 0.5097
Pallidum R	40	-0.4773	0.0018	-0.6917 to -0.1855	14	0.1297	0.6586	-0.4448 to 0.6285
Pallidum L	40	-0.3218	0.0429	-0.5820 to -0.0018	14	-0.0681	0.8170	-0.5894 to 0.4932
Thalamus	40	-0.4473	0.0038	-0.6713 to -0.1484	14	0.1473	0.6154	-0.4303 to 0.6392
Thalamus R	40	-0.4809	0.0017	-0.6942 to -0.1899	14	0.3495	0.2207	-0.2390 to 0.7502
Thalamus L	40	-0.3585	0.0231	-0.6088 to -0.0434	14	0.0769	0.7938	-0.4865 to 0.5952
Lateral ventricle	40	-0.4747	0.0020	-0.6900 to -0.1822	14	-0.1341	0.6477	-0.6312 to 0.4412
Lateral ventricle L	40	-0.4893	0.0014	-0.6998 to -0.2006	14	-0.1648	0.5733	-0.6498 to 0.4155
Lateral ventricle R	40	-0.3754	0.0170	-0.6209 to -0.0628	14	-0.2044	0.4833	-0.6728 to 0.3810

Significant results (after Bonferroni correction for multiple comparisons) are highlighted.

R. right; L. left; GM. gray matter; WM. white matter.