Supplementary Material

Obesity-Associated Neurodegeneration Pattern Mimics Alzheimer's Disease in an Observational Cohort Study

Supplementary Table 1. UK Biobank field IDs used for exclusion of participants

Health condition	Field number	Description	Code
Noncancer illness	20002	Dementia or Alzheimer's disease	1263
		Parkinson's disease	1262
		Chronic degenerative neurological	1258
		Guillain-Barré syndrome	1256
		Multiple Sclerosis	1261
		Other demyelinating disease	1397
		Stroke or ischemic stroke	1081
		Brain cancer	1032
		Brain hemorrhage	1491
		Brain/intracranial abscess	1245
		Cerebral aneurysm	1425
		Cerebral palsy	1433
		Encephalitis	1246
		Epilepsy	1264
		Head injury	1266
		Infections of the nervous system	1244
		Ischemic stroke	1583
		Meningeal cancer	1031
		Meningioma (benign)	1659
		Meningitis	1247
		Motor Neuron Disease	1259
		Neurological injury/trauma	1240
		Spina bifida	1524
		Subdural hematoma	1083
		Subarachnoid hemorrhage	1086
		Transient ischemic attack	1082

Supplementary Table 2. UK Biobank field IDs used in this study.

Field name	Field number	Description
Body mass index	21001	
Age	21003	
Sex	31	
Cortical thickness	27174-27204; 27267-27297	

Supplementary Table 3. Full sample AD brain map statistics: AD versus healthy controls. Statistical maps were created by comparing cortical thickness of AD patients with cortical thickness of healthy controls for each parcel of the Desikan-Killiany-Tourville brain atlas using linear regression analysis.

Measure	Estimate	p	T
Entorhinal L	-0.4979	0.0000	-23.7645
Entorhinal R	-0.4542	0.0000	-18.7204
Parahippocampal L	-0.1941	0.0000	-10.9493
Parahippocampal R	-0.1416	0.0000	-9.1127
Inferior temporal L	-0.1377	0.0000	-13.4452
Middle temporal L	-0.1337	0.0000	-15.2967
Superior temporal L	-0.1311	0.0000	-15.1880
Middle temporal R	-0.1251	0.0000	-14.6250
Inferior temporal R	-0.1246	0.0000	-13.0610
Fusiform L	-0.1241	0.0000	-12.0497
Fusiform R	-0.1196	0.0000	-11.6016
Superior temporal R	-0.1175	0.0000	-14.4530
Inferior parietal R	-0.0993	0.0000	-12.0661
Inferior parietal L	-0.0991	0.0000	-11.2708
Isthmus cingulate R	-0.0943	0.0000	-8.1683
Precuneus L	-0.0924	0.0000	-10.4096
Supramarginal L	-0.0912	0.0000	-11.7382
Precuneus R	-0.0888	0.0000	-10.9533
Caudal middle frontal L	-0.0846	0.0000	-9.4854
Caudal middle frontal R	-0.0825	0.0000	-9.2237
Insula R	-0.0822	0.0000	-8.0728
Isthmus cingulate L	-0.0808	0.0000	-7.1191
Medial orbitofrontal L	-0.0806	0.0000	-8.2396
Insula L	-0.0803	0.0000	-7.9578
Supramarginal R	-0.0759	0.0000	-9.4351
Rostral anterior cingulate L	-0.0738	0.0000	-6.6374
Medial orbitofrontal R	-0.0733	0.0000	-7.0664
Superior parietal L	-0.0692	0.0000	-7.6549
Superior frontal L	-0.0677	0.0000	-8.4903
Superior parietal R	-0.0652	0.0000	-7.1898
Superior frontal R	-0.0620	0.0000	-8.2834
Lateral orbitofrontal L	-0.0591	0.0000	-7.0184
Rostral middle frontal L	-0.0581	0.0000	-7.7313
Precentral L	-0.0578	0.0000	-6.3791
Transverse temporal L	-0.0565	0.0000	-4.6066
Precentral R	-0.0538	0.0000	-5.8255

Transverse temporal R	-0.0505	0.0001	-3.9444
Pars orbitalis R	-0.0499	0.0000	-5.1938
Rostral middle frontal R	-0.0477	0.0000	-6.7366
Rostral anterior cingulate R	-0.0469	0.0004	-3.6206
Lateral orbitofrontal R	-0.0466	0.0000	-5.5209
Pars opercularis L	-0.0463	0.0000	-5.9824
Posterior cingulate L	-0.0460	0.0000	-4.7447
Pars opercularis R	-0.0446	0.0000	-5.6739
Pars triangularis L	-0.0441	0.0000	-5.8377
Lateral occipital R	-0.0431	0.0000	-5.7797
Posterior cingulate R	-0.0425	0.0000	-4.4311
Pars orbitalis L	-0.0420	0.0000	-4.2725
Lateral occipital L	-0.0400	0.0000	-5.4166
Postcentral R	-0.0374	0.0000	-5.6224
Postcentral L	-0.0363	0.0000	-5.6542
Paracentral R	-0.0349	0.0002	-3.8457
Lingual L	-0.0309	0.0000	-4.5782
Paracentral L	-0.0304	0.0020	-3.1277
Lingual R	-0.0298	0.0000	-4.4041
Pars triangularis R	-0.0283	0.0003	-3.6363
Cuneus L	-0.0245	0.0005	-3.5431
Caudal anterior cingulate R	-0.0204	0.1349	-1.5140
Cuneus R	-0.0197	0.0060	-2.7802
Pericalcarine R	-0.0145	0.0357	-2.1245
Caudal anterior cingulate L	-0.0121	0.2642	-1.1176
Pericalcarine L	-0.0088	0.1987	-1.2958

Supplementary Table 4. Full sample UK Biobank brain map statistics: obese versus lean. Statistical maps were created by comparing cortical thickness of obese individuals with cortical thickness of lean individuals for each parcel of the Desikan-Killiany-Tourville brain atlas using linear regression analysis.

Measure	Estimate	p	T
Insula L	-0.0457	0.0003	-4.6013
Entorhinal L	-0.0343	0.2719	-1.7590
Rostral anterior cingulate L	-0.0294	0.0674	-2.6568
Superior temporal L	-0.0291	0.0354	-2.9939
Caudal anterior cingulate L	-0.0242	0.3539	-1.4419
Precentral L	-0.0226	0.1740	-2.0956
Paracentral L	-0.0206	0.2655	-1.7968
Lateral orbitofrontal L	-0.0200	0.1434	-2.2764
Insula R	-0.0156	0.3476	-1.4982
Pars opercularis L	-0.0152	0.2719	-1.6869
Inferior temporal L	-0.0150	0.2719	-1.7057
Rostral anterior cingulate R	-0.0149	0.4118	-1.2662
Fusiform L	-0.0147	0.2719	-1.6966
Paracentral R	-0.0144	0.4253	-1.2290
Parahippocampal L	-0.0144	0.6415	-0.8193
Medial orbitofrontal L	-0.0142	0.3650	-1.3527
Superior temporal R	-0.0139	0.3629	-1.3937
Supramarginal L	-0.0133	0.3533	-1.4684
Transverse temporal R	-0.0133	0.6238	-0.8742
Middle temporal L	-0.0127	0.3539	-1.4267
Superior frontal L	-0.0126	0.3650	-1.3561
Medial orbitofrontal R	-0.0125	0.4358	-1.1786
Precentral R	-0.0087	0.6415	-0.7996
Caudal middle frontal L	-0.0062	0.7762	-0.6347
Pars orbitalis L	-0.0046	0.7814	-0.4465
Caudal middle frontal R	-0.0040	0.7850	-0.4249
Pars orbitalis R	-0.0035	0.8507	-0.3127
Precuneus L	-0.0030	0.8449	-0.3375
Pars opercularis R	-0.0021	0.8867	-0.2338
Isthmus cingulate R	-0.0015	0.9117	-0.1314
Transverse temporal L	-0.0002	0.9856	-0.0180
Isthmus cingulate L	0.0013	0.9117	0.1295
Inferior parietal L	0.0015	0.9039	0.1808
Lateral orbitofrontal R	0.0016	0.9039	0.1762
Middle temporal R	0.0022	0.8867	0.2462
Supramarginal R	0.0042	0.7814	0.4578

Postcentral L	0.0043	0.7814	0.4978
Pars triangularis L	0.0044	0.7814	0.5088
Superior frontal R	0.0044	0.7814	0.5115
Precuneus R	0.0046	0.7814	0.5249
Posterior cingulate L	0.0048	0.7814	0.4482
Inferior temporal R	0.0049	0.7814	0.5727
Posterior cingulate R	0.0069	0.7814	0.6059
Rostral middle frontal L	0.0075	0.6160	0.9016
Entorhinal R	0.0094	0.7814	0.4760
Pars triangularis R	0.0095	0.5043	1.0536
Superior parietal L	0.0095	0.5043	1.0528
Fusiform R	0.0105	0.4261	1.2097
Parahippocampal R	0.0118	0.6415	0.8131
Inferior parietal R	0.0134	0.3466	1.5442
Lateral occipital L	0.0141	0.2548	1.8430
Cuneus L	0.0167	0.1900	1.9993
Rostral middle frontal R	0.0171	0.1665	2.1461
Lingual L	0.0176	0.1900	2.0272
Pericalcarine L	0.0204	0.1195	2.3851
Postcentral R	0.0204	0.1503	2.2212
Cuneus R	0.0206	0.0674	2.6315
Superior parietal R	0.0252	0.0399	2.8996
Lateral occipital R	0.0287	0.0041	3.6647
Pericalcarine R	0.0301	0.0041	3.6885
Caudal anterior cingulate R	0.0304	0.3476	1.4991
Lingual R	0.0328	0.0041	3.8462

Supplementary Table 5. Lean sample ADNI brain map statistics: AD versus healthy controls. Statistical maps were created by comparing cortical thickness of lean AD patients with cortical thickness of healthy controls for each parcel of the Desikan-Killiany-Tourville brain atlas using linear regression analysis.

Measure	Estimate	p	T
Entorhinal L	-0.4949	0.0000	-16.4031
Entorhinal R	-0.4387	0.0000	-12.4979
Parahippocampal L	-0.2006	0.0000	-7.5957
Parahippocampal R	-0.1596	0.0000	-7.2945
Inferior temporal L	-0.1543	0.0000	-10.6593
Fusiform L	-0.1502	0.0000	-10.6417
Middle temporal L	-0.1492	0.0000	-12.4872
Superior temporal L	-0.1492	0.0000	-12.4671
Middle temporal R	-0.1440	0.0000	-11.5866
Fusiform R	-0.1404	0.0000	-9.8511
Inferior temporal R	-0.1379	0.0000	-10.1991
Superior temporal R	-0.1244	0.0000	-10.7688
Inferior parietal L	-0.1242	0.0000	-10.6106
Precuneus L	-0.1228	0.0000	-10.4478
Inferior parietal R	-0.1217	0.0000	-10.3247
Isthmus cingulate R	-0.1204	0.0000	-6.8551
Isthmus cingulate L	-0.1145	0.0000	-6.8618
Precuneus R	-0.1108	0.0000	-9.7206
Supramarginal L	-0.1093	0.0000	-10.1620
Caudal middle frontal L	-0.0950	0.0000	-8.1692
Caudal middle frontal R	-0.0938	0.0000	-7.8001
Superior parietal L	-0.0936	0.0000	-7.7582
Superior parietal R	-0.0894	0.0000	-7.2640
Insula R	-0.0891	0.0000	-6.3412
Insula L	-0.0884	0.0000	-6.3107
Supramarginal R	-0.0872	0.0000	-7.5757
Medial orbitofrontal R	-0.0783	0.0000	-5.5623
Medial orbitofrontal L	-0.0757	0.0000	-5.4671
Superior frontal L	-0.0706	0.0000	-6.8758
Rostral anterior cingulate L	-0.0691	0.0000	-4.3585
Superior frontal R	-0.0662	0.0000	-6.8909
Rostral middle frontal L	-0.0618	0.0000	-6.5852
Transverse temporal L	-0.0596	0.0006	-3.5337
Lateral orbitofrontal L	-0.0591	0.0000	-5.3656
Rostral middle frontal R	-0.0586	0.0000	-6.1337
Rostral anterior cingulate R	-0.0586	0.0011	-3.3529

Lateral occipital L	-0.0550	0.0000	-5.1063
Caudal anterior cingulate R	-0.0546	0.0040	-2.9262
Transverse temporal R	-0.0528	0.0026	-3.0727
Posterior cingulate L	-0.0523	0.0003	-3.7710
Lateral occipital R	-0.0520	0.0000	-5.0459
Postcentral R	-0.0509	0.0000	-5.3137
Pars opercularis L	-0.0506	0.0000	-4.9184
Precentral L	-0.0500	0.0001	-4.0272
Lateral orbitofrontal R	-0.0483	0.0001	-4.0343
Postcentral L	-0.0467	0.0000	-5.0015
Precentral R	-0.0460	0.0003	-3.7077
Pars orbitalis R	-0.0454	0.0010	-3.3759
Lingual L	-0.0447	0.0000	-4.7424
Lingual R	-0.0428	0.0000	-4.4297
Pars opercularis R	-0.0422	0.0002	-3.8228
Posterior cingulate R	-0.0420	0.0025	-3.0885
Pars triangularis L	-0.0415	0.0001	-4.1866
Pars orbitalis L	-0.0408	0.0025	-3.1029
Pars triangularis R	-0.0402	0.0005	-3.5817
Paracentral L	-0.0391	0.0025	-3.1007
Paracentral R	-0.0388	0.0026	-3.0677
Caudal anterior cingulate L	-0.0302	0.0502	-1.9796
Cuneus R	-0.0279	0.0060	-2.7906
Cuneus L	-0.0269	0.0065	-2.7561
Pericalcarine L	-0.0064	0.5418	-0.6240
Pericalcarine R	-0.0048	0.6199	-0.4965

Supplementary Table 6. Lean sample UK Biobank brain map statistics: obese versus lean. Statistical maps were created by comparing cortical thickness of obese individuals with cortical thickness of lean individuals for each parcel of the Desikan-Killiany-Tourville brain atlas using linear regression analysis.

Measure	Estimate	p	T
Insula L	-0.0616	0.0043	-4.0331
Rostral anterior cingulate L	-0.0616	0.0179	-3.4759
Entorhinal L	-0.0609	0.3587	-2.0903
Rostral anterior cingulate R	-0.0508	0.1444	-2.6878
Insula R	-0.0422	0.1444	-2.6159
Posterior cingulate R	-0.0337	0.3587	-1.9503
Isthmus cingulate R	-0.0310	0.3587	-1.9013
Entorhinal R	-0.0293	0.7202	-0.8606
Medial orbitofrontal L	-0.0275	0.3587	-1.7652
Lateral orbitofrontal L	-0.0258	0.3587	-2.0097
Superior temporal L	-0.0258	0.3587	-1.8064
Caudal anterior cingulate R	-0.0232	0.7543	-0.7379
Pars opercularis L	-0.0231	0.3587	-1.7402
Middle temporal L	-0.0230	0.3587	-1.8466
Superior frontal L	-0.0225	0.4229	-1.5762
Superior temporal R	-0.0215	0.4507	-1.4866
Lateral orbitofrontal R	-0.0208	0.4229	-1.6053
Medial orbitofrontal R	-0.0199	0.5845	-1.2374
Transverse temporal R	-0.0188	0.7259	-0.8049
Inferior temporal L	-0.0160	0.5845	-1.2585
Supramarginal L	-0.0158	0.6479	-1.1505
Caudal middle frontal R	-0.0152	0.6672	-1.0352
Precentral L	-0.0137	0.7202	-0.8311
Middle temporal R	-0.0134	0.6672	-1.0577
Pars opercularis R	-0.0131	0.6672	-1.0375
Superior frontal R	-0.0130	0.6768	-1.0031
Pars orbitalis L	-0.0130	0.7202	-0.8661
Supramarginal R	-0.0122	0.7202	-0.8771
Paracentral R	-0.0119	0.7551	-0.6763
Fusiform L	-0.0104	0.7202	-0.8434
Posterior cingulate L	-0.0099	0.7772	-0.6150
Inferior temporal R	-0.0092	0.7551	-0.6929
Pars triangularis L	-0.0080	0.7772	-0.6300
Parahippocampal L	-0.0078	0.9104	-0.3011
Precuneus R	-0.0074	0.7991	-0.5704
Pars orbitalis R	-0.0071	0.8677	-0.4088

Isthmus cingulate L	-0.0070	0.8543	-0.4575
Fusiform R	-0.0052	0.8677	-0.4000
Precentral R	-0.0041	0.9325	-0.2379
Paracentral L	-0.0034	0.9491	-0.1995
Pars triangularis R	-0.0015	0.9659	-0.1134
Rostral middle frontal R	-0.0006	0.9834	-0.0488
Rostral middle frontal L	-0.0001	0.9967	-0.0041
Postcentral L	0.0005	0.9834	0.0407
Inferior parietal L	0.0018	0.9549	0.1538
Transverse temporal L	0.0021	0.9659	0.1015
Caudal middle frontal L	0.0026	0.9547	0.1736
Inferior parietal R	0.0031	0.9325	0.2389
Postcentral R	0.0049	0.8788	0.3549
Precuneus L	0.0050	0.8677	0.3860
Superior parietal L	0.0059	0.8543	0.4652
Cuneus R	0.0078	0.7551	0.6962
Cuneus L	0.0113	0.6985	0.9595
Lingual R	0.0142	0.6614	1.1126
Caudal anterior cingulate L	0.0144	0.7991	0.5539
Pericalcarine R	0.0158	0.5583	1.3161
Parahippocampal R	0.0159	0.7543	0.7359
Lingual L	0.0169	0.5583	1.3190
Superior parietal R	0.0198	0.4486	1.5170
Pericalcarine L	0.0206	0.3587	1.7178
Lateral occipital L	0.0210	0.3587	1.8571
Lateral occipital R	0.0283	0.2261	2.3729

Supplementary Table 7. Obese sample ADNI brain map statistics: AD versus healthy controls. Statistical maps were created by comparing cortical thickness of obese AD patients with cortical thickness of healthy controls for each parcel of the Desikan-Killiany-Tourville brain atlas using linear regression analysis.

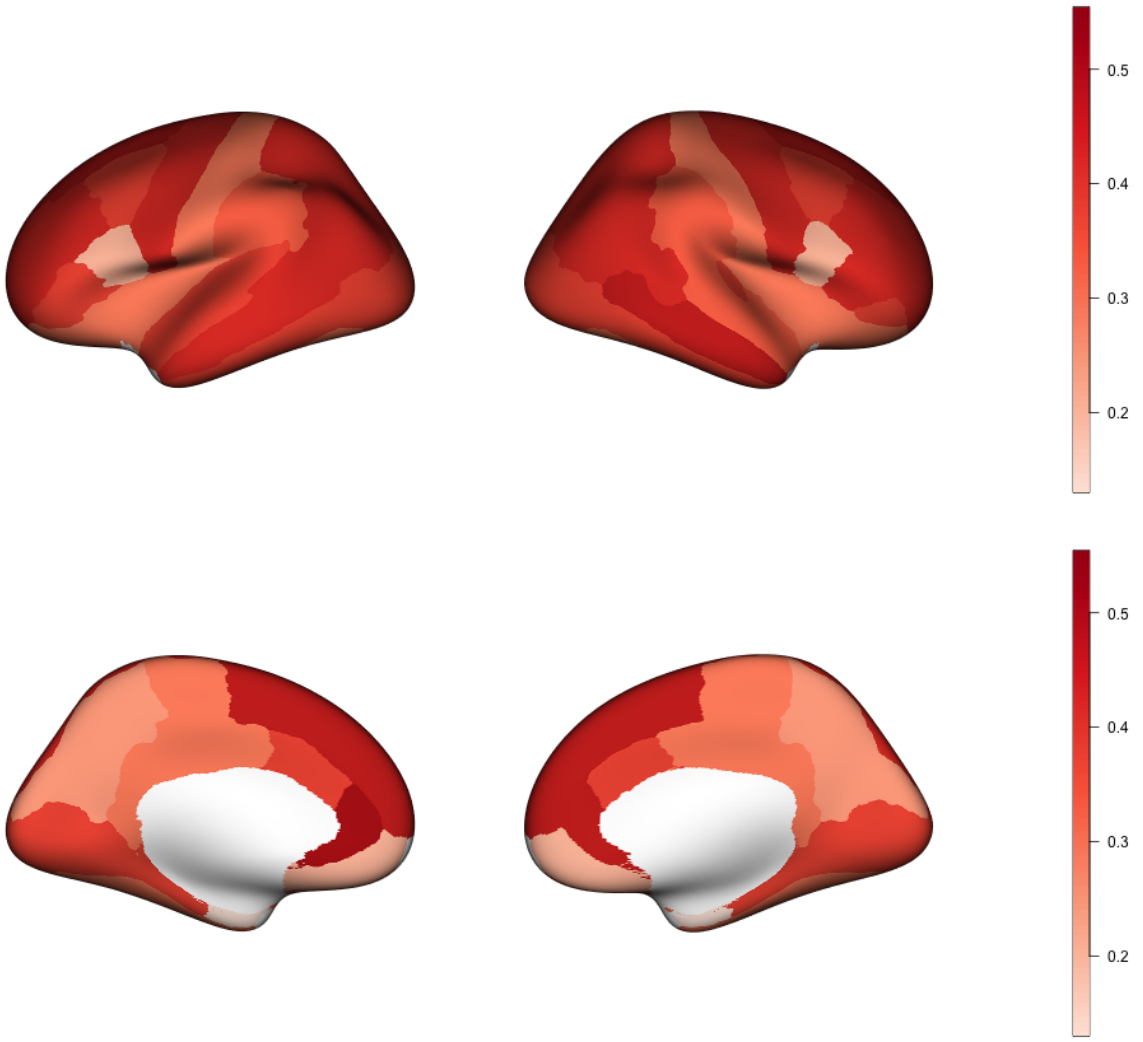
Measure	Estimate	p	T
Entorhinal L	-0.5133	0.0000	-7.8454
Entorhinal R	-0.4546	0.0000	-5.5753
Parahippocampal L	-0.1696	0.0066	-3.1201
Superior temporal L	-0.1669	0.0000	-6.1240
Middle temporal R	-0.1636	0.0000	-5.1937
Inferior temporal L	-0.1608	0.0001	-4.7107
Middle temporal L	-0.1603	0.0000	-5.4003
Fusiform R	-0.1598	0.0000	-5.1882
Inferior temporal R	-0.1592	0.0000	-5.0391
Insula R	-0.1518	0.0001	-4.7058
Superior temporal R	-0.1516	0.0000	-5.4432
Inferior parietal R	-0.1364	0.0001	-4.6564
Fusiform L	-0.1326	0.0005	-4.1473
Caudal middle frontal L	-0.1244	0.0023	-3.5376
Parahippocampal R	-0.1228	0.0777	-1.9347
Inferior parietal L	-0.1191	0.0017	-3.7007
Superior parietal R	-0.1137	0.0010	-3.9141
Supramarginal R	-0.1091	0.0001	-4.7552
Superior parietal L	-0.1078	0.0017	-3.6621
Supramarginal L	-0.1066	0.0017	-3.7176
Insula L	-0.1059	0.0015	-3.7737
Precuneus L	-0.1027	0.0025	-3.4756
Lateral occipital R	-0.0957	0.0019	-3.6062
Precentral L	-0.0944	0.0049	-3.2501
Medial orbitofrontal L	-0.0930	0.0023	-3.5240
Precuneus R	-0.0924	0.0055	-3.1971
Isthmus cingulate L	-0.0905	0.0183	-2.6683
Rostral middle frontal L	-0.0870	0.0109	-2.8697
Isthmus cingulate R	-0.0849	0.0364	-2.3453
Pars triangularis L	-0.0810	0.0066	-3.1086
Caudal middle frontal R	-0.0799	0.0254	-2.5211
Pars opercularis L	-0.0752	0.0079	-3.0308
Transverse temporal L	-0.0736	0.0749	-1.9616
Lingual L	-0.0730	0.0017	-3.6776
Superior frontal L	-0.0727	0.0228	-2.5733
Postcentral L	-0.0708	0.0086	-2.9910

Lingual R	-0.0691	0.0087	-2.9737
Pars orbitalis L	-0.0680	0.0690	-2.0196
Cuneus R	-0.0673	0.0095	-2.9317
Lateral occipital L	-0.0667	0.0260	-2.5006
Posterior cingulate L	-0.0633	0.0544	-2.1554
Lateral orbitofrontal L	-0.0585	0.0536	-2.1726
Superior frontal R	-0.0576	0.0544	-2.1448
Precentral R	-0.0528	0.0704	-1.9998
Postcentral R	-0.0515	0.0301	-2.4323
Cuneus L	-0.0511	0.0647	-2.0586
Posterior cingulate R	-0.0468	0.1280	-1.6746
Pericalcarine R	-0.0389	0.1231	-1.7050
Pars opercularis R	-0.0389	0.1579	-1.5457
Rostral middle frontal R	-0.0302	0.3300	-1.0852
Pericalcarine L	-0.0283	0.2319	-1.3230
Pars orbitalis R	-0.0274	0.5105	-0.7555
Lateral orbitofrontal R	-0.0269	0.4381	-0.8813
Medial orbitofrontal R	-0.0208	0.5436	-0.6790
Pars triangularis R	-0.0203	0.5180	-0.7305
Rostral anterior cingulate L	-0.0181	0.6874	-0.4497
Transverse temporal R	-0.0179	0.6874	-0.4348
Paracentral R	-0.0179	0.5616	-0.6388
Caudal anterior cingulate R	-0.0137	0.7533	-0.3318
Paracentral L	0.0093	0.7774	0.2839
Caudal anterior cingulate L	0.0441	0.2584	1.2481
Rostral anterior cingulate R	0.0759	0.1397	1.6200

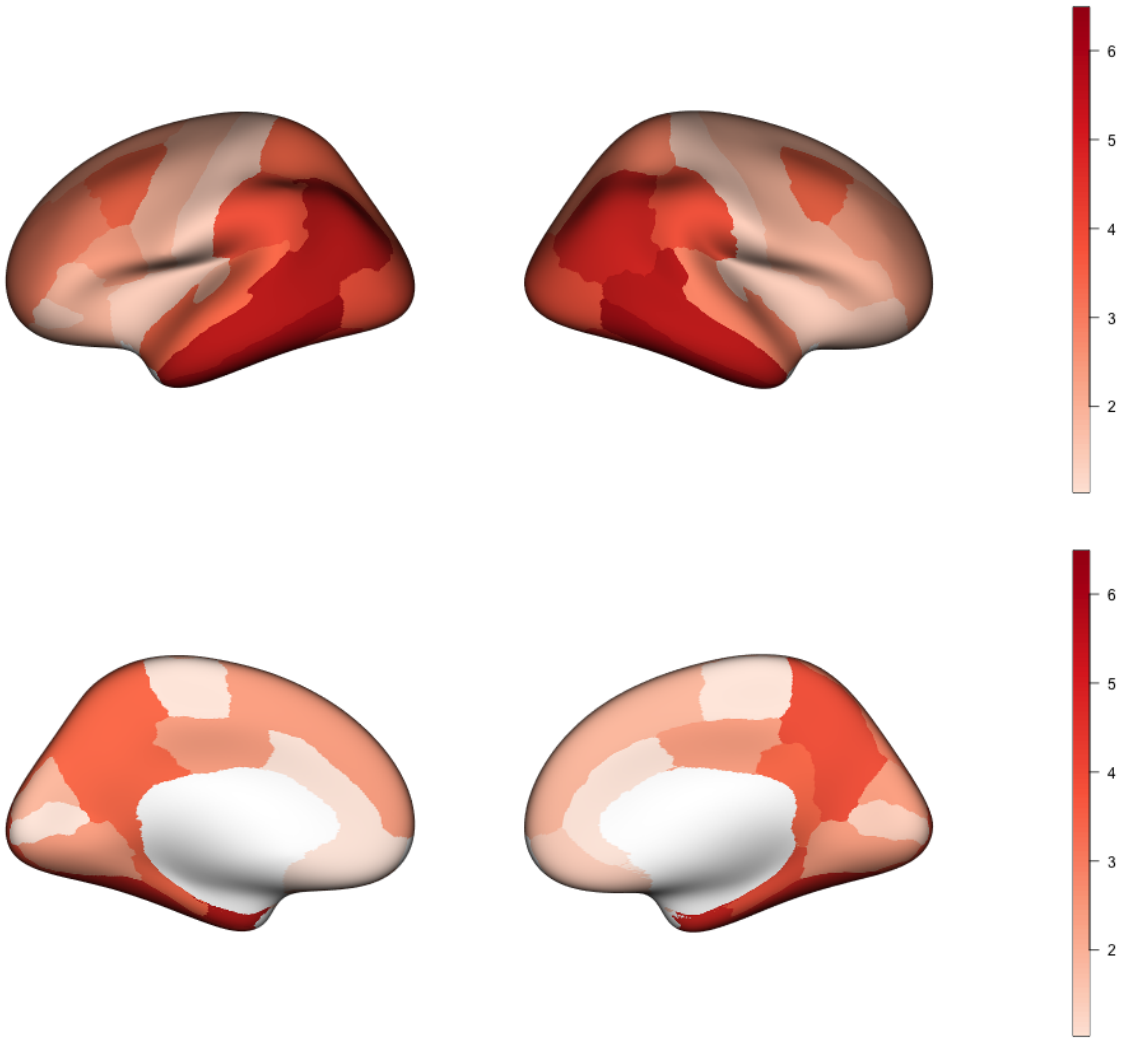
Supplementary Table 8. Obese sample UK Biobank brain map statistics: obese versus lean. Statistical maps were created by comparing cortical thickness of obese individuals with cortical thickness of lean individuals for each parcel of the Desikan-Killiany-Tourville brain atlas using linear regression analysis.

Measure	Estimate	p	T
Insula R	-0.0380	0.4581	-1.3160
Medial orbitofrontal L	-0.0266	0.6409	-0.9183
Insula L	-0.0224	0.7020	-0.6844
Rostral anterior cingulate L	-0.0189	0.7452	-0.5781
Rostral anterior cingulate R	-0.0174	0.7824	-0.4562
Medial orbitofrontal R	-0.0173	0.7308	-0.6122
Isthmus cingulate L	-0.0051	0.9562	-0.1527
Fusiform L	-0.0012	0.9775	-0.0476
Pars opercularis L	0.0008	0.9775	0.0282
Parahippocampal R	0.0026	0.9775	0.0680
Middle temporal R	0.0028	0.9657	0.1020
Caudal anterior cingulate L	0.0056	0.9640	0.1238
Superior temporal R	0.0088	0.8570	0.2881
Lateral orbitofrontal L	0.0093	0.8373	0.3474
Cuneus L	0.0117	0.7824	0.4928
Precentral L	0.0141	0.7824	0.4498
Paracentral R	0.0149	0.7824	0.4294
Pars opercularis R	0.0160	0.7308	0.6276
Inferior temporal L	0.0185	0.7020	0.6806
Caudal anterior cingulate R	0.0193	0.8415	0.3245
Supramarginal L	0.0209	0.6539	0.8261
Parahippocampal L	0.0225	0.7824	0.4345
Superior temporal L	0.0226	0.6928	0.7272
Caudal middle frontal R	0.0241	0.6928	0.7350
Caudal middle frontal L	0.0251	0.6436	0.8564
Middle temporal L	0.0264	0.6409	0.9523
Lateral orbitofrontal R	0.0278	0.5525	1.0843
Posterior cingulate L	0.0285	0.6409	0.9167
Entorhinal L	0.0297	0.7824	0.4904
Pars triangularis R	0.0299	0.5217	1.1532
Pars orbitalis R	0.0304	0.6409	0.8785
Superior frontal R	0.0317	0.5217	1.1584
Lingual L	0.0342	0.4472	1.3898
Lateral occipital L	0.0349	0.3905	1.5739
Superior parietal L	0.0358	0.4725	1.2762
Paracentral L	0.0380	0.5217	1.1639

Precuneus L	0.0386	0.4472	1.3752
Inferior parietal L	0.0387	0.4472	1.4082
Posterior cingulate R	0.0392	0.5525	1.0764
Postcentral L	0.0394	0.4467	1.4495
Superior frontal L	0.0417	0.3905	1.5781
Fusiform R	0.0417	0.3746	1.6518
Rostral middle frontal R	0.0418	0.3746	1.6699
Rostral middle frontal L	0.0426	0.3746	1.7122
Transverse temporal R	0.0433	0.6409	0.8892
Isthmus cingulate R	0.0436	0.4581	1.3334
Pericalcarine L	0.0453	0.3746	1.8041
Lingual R	0.0458	0.3122	2.2212
Entorhinal R	0.0468	0.6928	0.7297
Inferior parietal R	0.0486	0.3746	1.6982
Supramarginal R	0.0501	0.3746	1.7126
Lateral occipital R	0.0508	0.3122	2.2895
Precentral R	0.0513	0.4097	1.5219
Superior parietal R	0.0534	0.3643	1.9603
Inferior temporal R	0.0539	0.3643	1.9189
Pericalcarine R	0.0551	0.3122	2.2087
Cuneus R	0.0560	0.3122	2.5002
Precuneus R	0.0569	0.3640	2.0779
Pars orbitalis L	0.0569	0.3746	1.8404
Postcentral R	0.0584	0.3643	1.9629
Pars triangularis L	0.0585	0.3122	2.2794
Transverse temporal L	0.0979	0.3122	2.6218



Supplementary Figure 1. Distribution of amyloid-β in the ADNI sample – contrast between amyloid-positive and amyloid-negative participants.



Supplementary Figure 2. Distribution of tau protein from https://neurovault.org/collections/12296/