Supplementary Online Content

Raghavan NS, Dumitrescu L, Mormino E, et al; Alzheimer's Disease Neuroimaging Initiative. Association between common variants in *RBFOX1*, an RNA-binding protein, and brain amyloidosis in early and preclinical Alzheimer disease. *JAMA Neurol*. Published online June 22, 2020. doi:10.1001/jamaneurol.2020.1760

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Summary of imputation and quality control measures performed on each dataset

		Pre-QC		Pre-imputation		Post-imputation	
Dataset	**Platform**	**Sample size**	**# of variants**	**Sample size**	**# of variants**	**Sample size**	**# of variants**
A4	Illumina Global Screening Array	3467	700,078	3329	450,970	3329	9,599,403
ADNI 1	Illumina 610-Quad	757	620,901	666	536,557	666	6,577,704
ADNI 2	Illumina OmniExpress	432	730,525	430	641,075	430	6,662,117
ADNI WGS	Illumina Omni 2.5M (WGS Platform)	812	2,379,855	807	1,480,134	807	7,298,856
ADNI (merged)	(merge)	1903	7,571,217	N/A	N/A	1,247	7,849,615
Berkeley	Illumina OmniExpress-Exome	311	974,341	238	643,967	236	6,579,172
BIOCARD	Illumina OmniExpress	261	730,525	193	638,868	190	6,559,742
BLSA - 550K	Illumina HumanHap 550	1,039	496,358	734	495,157	734	6,276,903
BLSA - NeuroChip	NeuroChip	1,292	730,525	893	630,218	893	5,632,403
BLSA (merged)	(merge)	1,323	6,466,613	N/A	N/A	1,184	5,439,477
WRAP	Illumina Multi-Ethnic Genotyping Array	1340	1,779,819	1198	898,220	1,198	10,499,994

Note: Since genetic data for the ADNI and BLSA studies were done on multiple platforms, QC and imputation were completed on each set separately and were merged after post-imputation filters. For these merged sets, number of samples and variants immediately after merging and after additional filtering for overlap and relatedness are in the "Pre-QC" and "Post-imputation" columns respectively.

Abbreviations: A4=Anti-Amyloid Treatment in Asymptomatic Alzheimer's Disease clinical trial; ADNI=Alzheimer's Disease Neuroimaging Initiative; WRAP=Wisconsin Registry for Alzheimer's Prevention; BIOCARD=Biomarkers of Cognitive Decline Among Normal Individuals cohort; BLSA=Baltimore Longitudinal Study of Aging

eTable 2: Summary of protocols for amyloid acquisition by site

Dataset	Scanner Platform	Ligand	Dose	Acquisition Window	Reference Region
A4	Multiple (GE, Philips, and Siemens)	Florbetapir	10mCi	50-70 min	whole cerebellum
ADNI (Florbetapir)	Multiple (GE, Philips, and Siemens)	Florbetapir	10mCi	50-70 min	whole cerebellum
ADNI (PiB)	Multiple (GE, Philips, and Siemens)	C^{11}PiB	15mCi	50-70 min	whole cerebellum
Berkeley	Siemens ECAT EXACT	C^{11}PiB	15mCi	0-90 min	cerebellum grey matter
BIOCARD	GE Advance	C^{11}PiB	15mCi	0-70 min	whole cerebellum
BLSA	GE Advance	C^{11}PiB	15mCi	0-70 min	whole cerebellum
WRAP	Siemens ECAT EXACT	C^{11}PiB	15mCi	0-70 min	cerebellum grey matter

Note: Since genetic data for the ADNI and BLSA studies were done on multiple platforms, QC and imputation were completed on each set separately and were merged after post-imputation filters. For these merged sets, number of samples and variants immediately after merging and after additional filtering for overlap and relatedness are in the "Pre-QC" and "Post-imputation" columns respectively.

Abbreviations: A4=Anti-Amyloid Treatment in Asymptomatic Alzheimer's Disease clinical trial; ADNI=Alzheimer's Disease Neuroimaging Initiative; WRAP=Wisconsin Registry for Alzheimer's Prevention; BIOCARD=Biomarkers of Cognitive Decline Among Normal Individuals cohort; BLSA=Baltimore Longitudinal Study of Aging

eTable 3: Top PET amyloid meta-analysis GWAS associations (p < 1e-5)

Note: Meta-analysis results are presented in the first set of columns, followed by the results for each va

Abbreviations: MAF=minor allele frequency; CHR=chromosome; SE=standard error; N=number of samp

					Meta			
CHR	SNP	BP	MAF	A1	N	BETA	SE	P
19	rs6857	45392254	0.2129	T	4314	1.6742	0.0685	5.79E-132
19	rs5900738	45396665	0.2512	T	4314	1.3529	0.0648	7.02E-97
19	rs2075650	45395619	0.1774	G	4314	1.5065	0.0742	1.01E-91
19	rs157582	45396219	0.2702	T	4314	1.2992	0.0641	1.78E-91
19	rs3440455	45395909	0.1771	G	4314	1.5049	0.0743	3.38E-91
19	rs1155650	45396144	0.1771	T	4314	1.5039	0.0743	4.33E-91
19	rs157581	45395714	0.2718	C	4314	1.2821	0.0638	1.05E-89
19	rs283815	45390333	0.2724	G	4314	1.2804	0.0638	1.28E-89
19	rs7135223	45394336	0.1786	C	4314	1.503	0.0753	1.27E-88
19	rs184017	45394969	0.2707	G	4314	1.2735	0.0639	1.83E-88
19	rs1297297	45387596	0.1781	A	4314	1.4787	0.0751	2.82E-86
19	rs1297215	45387459	0.1779	G	4314	1.4756	0.0752	8.07E-86
19	rs3434264	45388130	0.1802	A	4314	1.4599	0.0748	9.90E-85
19	rs3409532	45395844	0.1438	A	4314	1.349	0.0825	4.84E-60
19	rs157580	45395266	0.3542	G	4314	-0.6324	0.0593	1.58E-26
19	rs1038026	45405062	0.4295	G	4314	-0.5734	0.0583	8.05E-23
19	rs1160985	45403412	0.4294	T	4314	-0.5716	0.0583	1.14E-22
19	rs760136	45403858	0.4294	G	4314	-0.5716	0.0583	1.14E-22
19	rs741780	45404431	0.4294	C	4314	-0.5716	0.0583	1.14E-22
19	rs1038025	45404972	0.4295	C	4314	-0.5716	0.0583	1.14E-22
19	rs7259620	45407788	0.4226	A	4314	-0.561	0.0579	3.23E-22
19	rs440446	45409167	0.333	C	4314	-0.5356	0.0604	7.15E-19
19	rs769450	45410444	0.3885	A	4314	-0.5081	0.0594	1.19E-17
19	rs1305062	45405521	0.3837	C	4314	-0.4843	0.0597	4.97E-16
19	rs3487890	45402477	0.3858	T	4314	-0.4807	0.0597	8.50E-16
19	rs8106922	45401666	0.3771	G	4314	-0.4631	0.0594	6.58E-15
19	rs405697	45404691	0.2425	A	4314	-0.5152	0.0666	1.04E-14
19	rs2238681	45398817	0.3779	T	4314	-0.4493	0.0594	3.75E-14
19	rs405509	45408836	0.492	T	4314	0.4157	0.0576	5.44E-13
19	rs2927468	45357939	0.4673	A	4314	-0.405	0.0573	1.55E-12
19	rs6859	45382034	0.45	A	4314	0.4003	0.0571	2.33E-12
19	rs1041083	45358353	0.467	T	4314	-0.4017	0.0573	2.36E-12
19	rs4803764	45357377	0.2739	C	4314	0.4366	0.0643	1.09E-11
19	rs5631781	45359586	0.2762	T	4314	0.4299	0.0639	1.78E-11
19	rs1246257	45359706	0.276	A	4314	0.4302	0.064	1.80E-11
19	rs7305020	45356464	0.2738	A	4314	0.4277	0.0643	2.92E-11
19	rs3539632	45357003	0.2932	G	4314	0.4135	0.0624	3.38E-11
19	rs3745150	45385759	0.383	C	4314	-0.39	0.0593	4.94E-11
19	rs4803763	45357291	0.2772	C	4314	0.4164	0.0637	6.20E-11
19	rs2972559	45355721	0.2775	G	4314	0.408	0.0635	1.28E-10
19	rs2075649	45395330	0.374	G	4314	-0.3805	0.0599	2.06E-10

19	rs1040227	45329214	0.3319	G	4314	0.3723	0.0601	5.81E-10
19	rs1040252	45329344	0.3319	C	4314	0.3723	0.0601	5.81E-10
19	rs1216222	45348522	0.2994	T	4314	0.3796	0.0625	1.25E-09
19	rs2199575	45345623	0.3007	A	4314	0.3697	0.0623	3.00E-09
16	rs5608188	6903160	0.0871	G	4314	0.6119	0.1033	3.18E-09
19	rs1040569	45326664	0.3317	T	4314	0.3516	0.0601	4.88E-09
19	rs5813266	45328367	0.3362	T	4314	0.3491	0.0598	5.21E-09
19	rs5882644	45328379	0.3362	A	4314	0.3491	0.0598	5.21E-09
19	rs5844655	45328380	0.3362	A	4314	0.3491	0.0598	5.21E-09
19	rs1041241	45327309	0.3373	T	4314	0.3455	0.0598	7.64E-09
19	rs4803758	45327423	0.3373	T	4314	0.3455	0.0598	7.64E-09
16	rs3486094	6919189	0.0888	G	4314	0.5946	0.1032	8.22E-09
16	rs1723420	6917897	0.0902	G	4314	0.5851	0.1025	1.14E-08
19	rs7359852	45336035	0.3152	C	4314	0.3443	0.0604	1.20E-08
19	rs1040633	45326217	0.3352	C	4314	0.3405	0.0599	1.29E-08
16	rs1291926	6922307	0.0856	T	4314	0.5958	0.1051	1.43E-08
16	rs1292652	6918341	0.0905	G	4314	0.5801	0.1024	1.48E-08
19	rs7304828	45338523	0.3116	C	4314	0.3471	0.0615	1.69E-08
19	rs1246227	45341540	0.312	G	4314	0.3462	0.0616	1.89E-08
19	rs2927480	45337385	0.3113	C	4314	0.3429	0.0612	2.06E-08
16	rs3492553	6931990	0.0906	C	4314	0.5704	0.1023	2.46E-08
16	rs3457438	6915549	0.0903	C	4314	0.5711	0.1025	2.51E-08
16	rs3439933	6915590	0.0903	C	4314	0.5711	0.1025	2.51E-08
16	rs3477062	6927009	0.0906	G	4314	0.5685	0.1023	2.73E-08
19	rs3021439	45336443	0.3115	A	4314	0.3371	0.0609	3.14E-08
19	rs1245957	45341904	0.313	A	4314	0.3293	0.0609	6.44E-08
16	rs1164698	6911210	0.0895	G	4314	0.5548	0.1028	6.74E-08
19	rs7304829	45340736	0.3128	A	4314	0.326	0.0609	8.56E-08
19	rs7457986	45342007	0.3147	C	4314	0.3284	0.0615	9.37E-08
19	rs4803761	45342114	0.3227	G	4314	0.3214	0.0606	1.12E-07
19	rs4239533	45342241	0.3089	A	4314	-0.3282	0.0623	1.36E-07
19	rs4605275	45338493	0.3046	T	4314	-0.3278	0.0626	1.63E-07
19	rs157590	45398716	0.4769	C	4314	-0.3025	0.0584	2.20E-07
19	rs1166725	45337737	0.3014	C	4314	-0.3228	0.0628	2.71E-07
19	rs1040743	45341948	0.3016	A	4314	-0.3223	0.0628	2.82E-07
19	rs4803759	45327459	0.2971	T	4314	-0.3236	0.0632	3.05E-07
19	rs4369782	45338220	0.3013	A	4314	-0.3213	0.0628	3.08E-07
19	rs406456	45382717	0.4131	G	4314	0.2992	0.0589	3.85E-07
19	rs4803762	45342161	0.3161	A	4314	0.3058	0.0608	4.92E-07
9	rs1953019	79765571	0.4622	C	4314	0.2843	0.057	6.03E-07
9	rs1953020	79765599	0.4622	C	4314	0.2843	0.057	6.03E-07
9	rs2377886	79765465	0.4621	C	4314	0.2839	0.057	6.33E-07
9	rs7869751	79763921	0.4639	G	4314	0.2836	0.057	6.50E-07
9	rs5000552	79764559	0.4643	C	4314	0.2837	0.057	6.52E-07
9	rs4548251	79763758	0.4629	T	4314	0.2834	0.057	6.64E-07
9	rs2840271	79763630	0.4532	G	4314	0.2836	0.0571	6.72E-07
19	rs2927481	45337249	0.3369	A	4314	0.295	0.0594	6.84E-07

9	rs7855075	79764116	0.4631	A	4314	0.2828	0.057	7.02E-07
9	rs7854404	79764271	0.4631	A	4314	0.2828	0.057	7.02E-07
9	rs1114529	79766561	0.46	G	4314	0.282	0.0569	7.18E-07
17	rs8068468	67188545	0.1596	C	4314	0.5514	0.1118	8.13E-07
19	rs2927482	45340138	0.3135	G	4314	-0.3046	0.0619	8.48E-07
9	rs1329622	79765911	0.4633	C	4314	0.2793	0.0569	9.31E-07
9	rs1329623	79766154	0.4623	A	4314	0.2789	0.0569	9.46E-07
1	rs2201596	2.47E+08	0.4828	G	4314	-0.2844	0.0583	1.06E-06
16	rs6788772	6957715	0.0915	T	4314	0.4954	0.102	1.20E-06
19	rs1166724	45337504	0.3307	C	4314	0.2892	0.0596	1.22E-06
19	rs1297624	45337863	0.3109	T	4314	-0.2995	0.0619	1.32E-06
16	rs6058774	6908445	0.115	T	4314	0.4625	0.0957	1.35E-06
16	rs6771214	6916200	0.127	A	4314	0.459	0.0954	1.49E-06
19	rs157588	45398264	0.473	T	4314	-0.2811	0.0585	1.55E-06
9	rs1114529	79766461	0.4576	G	4314	0.2733	0.0569	1.60E-06
2	rs1269272	1.65E+08	0.2668	T	4314	0.3107	0.0651	1.81E-06
21	rs1008457	33860296	0.229	T	4314	0.3167	0.0666	1.96E-06
17	rs7335614	67139474	0.1516	T	4314	0.5267	0.1113	2.22E-06
2	rs6749902	1.65E+08	0.2666	T	4314	0.306	0.0653	2.78E-06
19	rs157585	45397512	0.4736	C	4314	-0.2723	0.0585	3.26E-06
1	rs1080247	2.47E+08	0.4791	T	4314	-0.2705	0.0581	3.27E-06
19	rs5753784	45354044	0.4994	G	4314	-0.268	0.0576	3.32E-06
19	rs8113311	45325738	0.286	T	4314	-0.2997	0.0645	3.35E-06
12	rs1169602	42146431	0.0273	A	4314	-0.8454	0.1821	3.43E-06
19	rs3852860	45382966	0.4041	T	4314	-0.2711	0.0584	3.50E-06
19	rs1469698	38993556	0.1446	T	4314	0.4002	0.0864	3.66E-06
5	rs1003562	56628950	0.3378	T	4314	0.2791	0.0604	3.85E-06
19	rs1166632	45354296	0.4995	G	4314	-0.2658	0.0576	3.95E-06
19	rs4129012	45382675	0.0382	A	4314	-0.7058	0.153	3.99E-06
19	rs3852861	45383061	0.4041	T	4314	-0.2691	0.0584	4.12E-06
2	rs1303507	1.65E+08	0.2287	G	4314	0.3208	0.0699	4.50E-06
11	rs7621732	23786416	0.1016	A	4314	0.5628	0.1229	4.65E-06
19	rs157584	45396899	0.4784	C	4314	-0.2663	0.0584	5.15E-06
11	rs5715627	23788813	0.0766	G	4314	0.578	0.1272	5.55E-06
17	rs6505369	32025000	0.2552	T	4314	0.3016	0.0665	5.69E-06
17	rs7221867	32025224	0.2552	G	4314	0.3016	0.0665	5.69E-06
17	rs1696875	32025309	0.2552	C	4314	0.3016	0.0665	5.69E-06
17	rs6678511	32025370	0.2552	A	4314	0.3016	0.0665	5.69E-06
17	rs2046901	32025626	0.2552	A	4314	0.3016	0.0665	5.69E-06
17	rs5019187	32025786	0.2552	G	4314	0.3016	0.0665	5.69E-06
17	rs7221625	32026182	0.2552	A	4314	0.3016	0.0665	5.69E-06
17	rs7215944	32026292	0.2552	A	4314	0.3016	0.0665	5.69E-06
11	rs5824790	23784998	0.0766	C	4314	0.5758	0.1272	5.99E-06
17	rs7221290	32025996	0.2727	A	4314	0.2994	0.0662	6.02E-06
11	rs6187607	23780151	0.1019	G	4314	0.5533	0.1229	6.69E-06
17	rs2046897	32027896	0.2729	G	4314	0.2978	0.0661	6.72E-06
19	rs1166886	45380970	0.4476	T	4314	-0.2593	0.0576	6.85E-06

11	rs6146782(	23784983	0.1482	G	4314	0.5361	0.1194	7.10E-06
9	rs1082106:	95826384	0.083	G	4314	-0.4663	0.1039	7.22E-06
11	rs5672585:	23791834	0.0767	T	4314	0.5715	0.1274	7.23E-06
11	rs6187611	23792830	0.0767	G	4314	0.5715	0.1274	7.23E-06
11	rs6187611(	23794797	0.0767	G	4314	0.5715	0.1274	7.23E-06
1	rs3850818	2.47E+08	0.4289	G	4314	-0.2604	0.0582	7.60E-06
11	rs6187611:	23790788	0.0767	G	4314	0.5692	0.1273	7.80E-06
11	rs5851085(	23791359	0.0767	G	4314	0.5692	0.1273	7.80E-06
2	rs1727107:	1.9E+08	0.1632	A	4314	0.3589	0.0804	8.06E-06
9	rs7044465	1.14E+08	0.458	T	4314	0.2544	0.0571	8.42E-06
11	rs6187608:	23785253	0.1151	A	4314	0.5383	0.1209	8.44E-06
2	rs1168880(	1.9E+08	0.1636	A	4314	0.3583	0.0805	8.55E-06
19	rs2972558	45356141	0.3066	C	4314	-0.2803	0.063	8.71E-06
2	rs1049770:	1.9E+08	0.1664	C	4314	0.3452	0.0777	8.78E-06
18	rs1941944	34988110	0.0868	T	4314	-0.4644	0.1046	9.09E-06
19	rs406315	45384116	0.389	G	4314	0.2648	0.0597	9.12E-06
11	rs6187608:	23787642	0.0766	T	4314	0.565	0.1274	9.13E-06
9	rs4979042	1.14E+08	0.4582	A	4314	0.2533	0.0571	9.19E-06
9	rs953536	1.14E+08	0.4582	C	4314	0.2533	0.0571	9.19E-06
11	rs6187607	23783736	0.0767	C	4314	0.5624	0.1269	9.39E-06
11	rs6187607	23784132	0.0767	G	4314	0.5624	0.1269	9.39E-06
2	rs4319945	1.65E+08	0.278	C	4314	0.2856	0.0645	9.48E-06
9	rs1330080	1.14E+08	0.4564	C	4314	0.2536	0.0573	9.63E-06
11	rs6187608:	23785361	0.0766	C	4314	0.5628	0.1273	9.84E-06
9	rs2418174	1.14E+08	0.4582	C	4314	0.2521	0.0571	1.00E-05

ariant in the individual cohorts. In parentheses next to the cohort name is indicated the type of amyloid ac
ɔles

	A4 non-Hispanic White (Florbetapir)				A4 African American (Florbetapir)			
effects	N	BETA	SE	P	N	BETA	SE	P
+++++++++	2960	1.603	0.07622	1.30E-91	89	0.5338	0.4036	0.1896
+++++++++	2960	1.354	0.07334	4.14E-72	89	0.02212	0.2592	0.9322
+++++++++	2960	1.445	0.08327	2.43E-64	89	0.8609	0.3351	0.01201
+++++++++	2960	1.287	0.07289	2.05E-66	89	0.3851	0.2351	0.1053
+++++++++	2960	1.45	0.08326	1.04E-64	89	0.6616	0.3487	0.06127
+++++++++	2960	1.45	0.08326	1.04E-64	89	0.6616	0.3487	0.06127
+++++++++	2960	1.27	0.07262	3.20E-65	89	0.3851	0.2351	0.1053
+++++++++	2960	1.269	0.07271	5.97E-65	89	0.4278	0.2309	0.06746
+++++++++	2960	1.429	0.08345	1.03E-62	89	0.9441	0.4838	0.05439
+++++++++	2960	1.269	0.07277	6.92E-65	89	0.3495	0.2315	0.1349
+++++++++	2960	1.391	0.08331	7.57E-60	89	0.9441	0.4838	0.05439
+++++++++	2960	1.387	0.08337	1.87E-59	89	0.9441	0.4838	0.05439
+++++++++	2960	1.381	0.08292	1.48E-59	89	0.9441	0.4838	0.05439
+++++++++	2960	1.289	0.09057	1.54E-44	89	1.07	0.6931	0.1264
---------	2960	-0.5735	0.06546	3.19E-18	89	-0.5194	0.3505	0.1423
---------	2960	-0.5412	0.06495	1.19E-16	89	0.4058	0.2538	0.1136
---------	2960	-0.5389	0.06498	1.66E-16	89	0.4058	0.2538	0.1136
---------	2960	-0.5389	0.06498	1.66E-16	89	0.4058	0.2538	0.1136
---------	2960	-0.5389	0.06498	1.66E-16	89	0.4058	0.2538	0.1136
---------	2960	-0.5389	0.06498	1.66E-16	89	0.4058	0.2538	0.1136
---------	2960	-0.5479	0.06485	4.59E-17	89	0.06833	0.2293	0.7665
---------	2960	-0.4737	0.06722	2.27E-12	89	-0.5283	0.3213	0.1039
---------	2960	-0.4867	0.06656	3.36E-13	89	-0.2336	0.2446	0.3423
--+------	2960	-0.4615	0.0666	5.13E-12	89	-0.2301	0.2596	0.378
--+------	2960	-0.4621	0.06651	4.54E-12	89	-0.1826	0.2692	0.4994
--+------	2960	-0.4523	0.06644	1.20E-11	89	-0.00245	0.2472	0.9921
------+++	2960	-0.4774	0.07407	1.34E-10	89	-0.487	0.3637	0.1842
-+-------	2960	-0.4428	0.06636	2.98E-11	89	0.000572	0.2465	0.9982
++++++-++	2960	-0.4057	0.06458	3.84E-10	89	0.2435	0.2416	0.3164
---------	2960	-0.3644	0.06441	1.68E-08	89	0.3823	0.2273	0.09643
++++-++++	2960	0.3526	0.06418	4.27E-08	89	0.242	0.2337	0.3035
---------	2960	-0.3629	0.06441	1.93E-08	89	0.3497	0.2282	0.1293
+-+++++--	2960	0.4434	0.07116	5.27E-10	89	-0.1611	0.4043	0.6914
+++++++--	2960	0.4312	0.07126	1.62E-09	89	0.1847	0.3272	0.574
+++++++--	2960	0.4287	0.07132	2.07E-09	89	0.1847	0.3272	0.574
+-+++++--	2960	0.4396	0.07117	7.46E-10	89	-0.1611	0.4043	0.6914
+++++++--	2960	0.4336	0.06956	5.24E-10	89	0.02578	0.3153	0.935
-+-------	2960	-0.3829	0.06624	8.26E-09	89	0.03486	0.2567	0.8923
+++++++--	2960	0.4262	0.07102	2.20E-09	89	0.01219	0.3258	0.9702
+++++++--	2960	0.4183	0.07104	4.36E-09	89	0.1618	0.2975	0.5881
-+--+----	2960	-0.3886	0.06642	5.44E-09	89	0.1574	0.2808	0.5767

+++++++-+	2960	0.3696	0.06701	3.78E-08	89	0.2467	0.2873	0.3929
+++++++-+	2960	0.3696	0.06701	3.78E-08	89	0.2467	0.2873	0.3929
+-++++--	2960	0.3707	0.06914	8.88E-08	89	-0.00227	0.39	0.9954
+-++++--	2960	0.3591	0.06891	2.01E-07	89	-0.02281	0.3903	0.9535
++-++++++	2960	0.5229	0.1139	4.59E-06	89	2.796	0.571	4.82E-06
+-++++-+	2960	0.3582	0.06701	9.69E-08	89	-0.01181	0.2859	0.9672
+++++++-+	2960	0.355	0.06676	1.13E-07	89	0.07907	0.2731	0.773
+++++++-+	2960	0.355	0.06676	1.13E-07	89	0.07907	0.2731	0.773
+++++++-+	2960	0.355	0.06676	1.13E-07	89	0.07907	0.2731	0.773
+++++++-+	2960	0.3501	0.0667	1.63E-07	89	0.07329	0.2832	0.7965
+++++++-+	2960	0.3501	0.0667	1.63E-07	89	0.07329	0.2832	0.7965
++-++++++	2960	0.5433	0.1128	1.54E-06	89	2.259	0.7514	0.003506
++-++++++	2960	0.5341	0.112	1.96E-06	89	2.259	0.7514	0.003506
+++++++-+	2960	0.3346	0.06797	8.97E-07	89	0.1184	0.2411	0.6245
+-++++-+	2960	0.3479	0.06672	1.97E-07	89	-0.01181	0.2859	0.9672
++-++++++	2960	0.5558	0.1146	1.29E-06	89	2.259	0.7514	0.003506
++-++++++	2960	0.5282	0.1119	2.45E-06	89	2.259	0.7514	0.003506
+++++++-+	2960	0.331	0.06806	1.21E-06	89	0.1792	0.3508	0.6109
+++++++-+	2960	0.3318	0.06807	1.15E-06	89	0.04981	0.3579	0.8896
+++++++-+	2960	0.3339	0.06808	9.90E-07	89	0.07653	0.2947	0.7958
++-++++++	2960	0.5267	0.1116	2.47E-06	89	2.259	0.7514	0.003506
++-++++++	2960	0.5174	0.112	3.97E-06	89	2.259	0.7514	0.003506
++-++++++	2960	0.5174	0.112	3.97E-06	89	2.259	0.7514	0.003506
++-++++++	2960	0.5255	0.1116	2.61E-06	89	2.259	0.7514	0.003506
+++++++-+	2960	0.3321	0.06804	1.11E-06	89	0.0248	0.2742	0.9282
+-++++-+	2960	0.3301	0.06807	1.30E-06	89	-0.1738	0.2697	0.521
++-++++++	2960	0.5034	0.1123	7.69E-06	89	2.259	0.7514	0.003506
+-++++-+	2960	0.3289	0.06806	1.41E-06	89	-0.1738	0.2697	0.521
+++++++-+	2960	0.315	0.06798	3.76E-06	89	0.04981	0.3579	0.8896
+-++++-+	2960	0.3229	0.0677	1.94E-06	89	-0.09562	0.2693	0.7235
---------	2960	-0.3332	0.06968	1.83E-06	89	-0.1786	0.2411	0.4609
---------	2960	-0.3314	0.06995	2.27E-06	89	-0.2256	0.2496	0.3688
-+--+-+--	2960	-0.301	0.06449	3.19E-06	89	-0.1182	0.3053	0.6997
---------	2960	-0.3261	0.07019	3.53E-06	89	-0.2256	0.2496	0.3688
---------	2960	-0.3242	0.07019	4.03E-06	89	-0.2577	0.2483	0.3024
---------	2960	-0.3421	0.07014	1.14E-06	89	-0.1155	0.299	0.7002
---------	2960	-0.3242	0.07019	4.03E-06	89	-0.2256	0.2496	0.3688
++-++-+++	2960	0.2929	0.06598	9.37E-06	89	0.04094	0.2563	0.8735
+-++++-+	2960	0.3087	0.06795	5.77E-06	89	-0.1738	0.2697	0.521
++++-++++	2960	0.2498	0.06331	8.17E-05	89	0.3321	0.2485	0.1851
++++-++++	2960	0.2498	0.06331	8.17E-05	89	0.3321	0.2485	0.1851
++++-++++	2960	0.2499	0.06333	8.14E-05	89	0.3321	0.2485	0.1851
++++-++++	2960	0.2463	0.06336	0.000103	89	0.3321	0.2485	0.1851
++++-++++	2960	0.2444	0.06338	0.000117	89	0.351	0.2505	0.165
++++-++++	2960	0.2452	0.0634	0.000112	89	0.3321	0.2485	0.1851
++++-++++	2960	0.2347	0.0634	0.000218	89	0.5541	0.2525	0.03105
+++++++-+	2960	0.2889	0.06653	1.46E-05	89	0.1235	0.2485	0.6206

++++-++++	2960	0.2444	0.06338	0.000117	89	0.3321	0.2485	0.1851
++++-++++	2960	0.2444	0.06338	0.000117	89	0.3321	0.2485	0.1851
++-+-++++	2960	0.2503	0.06326	7.80E-05	89	0.3044	0.2463	0.22
++-++----	2960	0.5037	0.1418	0.000387	89	0.8706	0.2211	0.000172
---------	2960	-0.3077	0.06944	9.73E-06	89	-0.1807	0.2302	0.4348
++++-++++	2960	0.2447	0.06328	0.000113	89	0.3321	0.2485	0.1851
++++-++++	2960	0.2473	0.06322	9.36E-05	89	0.2683	0.2494	0.285
--+------	2960	-0.2942	0.06443	5.17E-06	89	0.5847	0.3158	0.06768
++-++++-+	2960	0.456	0.1123	5.00E-05	89	1.517	0.7043	0.03416
+++++++-+	2960	0.283	0.06673	2.29E-05	89	0.08902	0.249	0.7217
---------	2960	-0.3062	0.06943	1.07E-05	89	-0.1278	0.2336	0.5857
++-++++++	2960	0.4951	0.1113	9.02E-06	89	0.2191	0.2643	0.4095
++-++++++	2960	0.5137	0.1118	4.54E-06	89	0.02706	0.2493	0.9138
-+--+-+--	2960	-0.2778	0.06463	1.77E-05	89	-0.1182	0.3053	0.6997
++-+-++++	2960	0.2508	0.06326	7.51E-05	89	0.1283	0.2501	0.6092
+++++-+-+	2960	0.3336	0.07206	3.82E-06	89	0.3456	0.3122	0.2715
++++++++-	2960	0.3181	0.07595	2.90E-05	89	0.447	0.2222	0.04753
++-++----	2960	0.522	0.1417	0.000235	89	0.7232	0.2177	0.001336
+++++-+-+	2960	0.337	0.07206	3.05E-06	89	0.177	0.3369	0.6008
-+--+-+--	2960	-0.2685	0.06463	3.35E-05	89	-0.1228	0.3066	0.6899
--+------	2960	-0.2797	0.06416	1.35E-05	89	0.6708	0.3374	0.05015
-------+-	2960	0.2343	0.06397	0.000253	89	-0.1023	0.2827	0.7184
-+-------	2960	-0.324	0.07112	5.45E-06	89	0.2508	0.3521	0.4784
------+--	2960	-0.7713	0.1956	8.20E-05	89	-0.1034	1.539	0.9466
----+----	2960	-0.2254	0.06584	0.000629	89	-0.2114	0.2386	0.3782
+++++++--	2960	0.353	0.101	0.000483	89	0.3821	0.2475	0.1264
+++++-++-	2960	0.2628	0.06862	0.000131	89	0.349	0.2217	0.1192
-------+-	2960	0.2339	0.06396	0.000259	89	-0.1023	0.2827	0.7184
---------	2960	-0.6087	0.1669	0.000269	89	-0.348	0.8753	0.692
----+----	2960	-0.2229	0.06585	0.00072	89	-0.2114	0.2386	0.3782
+++++-+-+	2960	0.3528	0.0787	7.62E-06	89	0.1765	0.253	0.4873
+++++++++	2960	0.4073	0.1546	0.008462	89	0.952	0.2471	0.00023
-+--+-+--	2960	-0.2682	0.06443	3.24E-05	89	-0.02548	0.3122	0.9352
+++++++++	2960	0.4268	0.1554	0.006049	89	1.041	0.2802	0.00037
++-+++-+-	2960	0.3094	0.07599	4.79E-05	89	0.3124	0.2222	0.1635
++-+++-+-	2960	0.3094	0.07599	4.79E-05	89	0.3124	0.2222	0.1635
++-+++-+-	2960	0.3094	0.07599	4.79E-05	89	0.3124	0.2222	0.1635
++-+++-+-	2960	0.3094	0.07599	4.79E-05	89	0.3124	0.2222	0.1635
++-+++-+-	2960	0.3094	0.07599	4.79E-05	89	0.3124	0.2222	0.1635
++-+++-+-	2960	0.3094	0.07599	4.79E-05	89	0.3124	0.2222	0.1635
++-+++-+-	2960	0.3094	0.07599	4.79E-05	89	0.3124	0.2222	0.1635
++-+++-+-	2960	0.3094	0.07599	4.79E-05	89	0.3124	0.2222	0.1635
+++++++++	2960	0.4268	0.1554	0.006049	89	1.041	0.2802	0.00037
++-+++-+-	2960	0.3139	0.07578	3.54E-05	89	-0.1981	0.2163	0.3624
+++++++++	2960	0.4082	0.1539	0.008024	89	0.9041	0.2502	0.000521
++-+++-+-	2960	0.3118	0.07576	3.96E-05	89	-0.1981	0.2163	0.3624
----++---	2960	-0.227	0.06465	0.000452	89	-0.04504	0.243	0.8534

++-++++++	2960	0.4115	0.1529	0.007145	89	0.8366	0.2302	0.000485
--------+	2960	-0.4569	0.1172	9.89E-05	89	-0.6988	0.3884	0.07565
+++++++++	2960	0.4268	0.1554	0.006049	89	1.041	0.2802	0.00037
+++++++++	2960	0.4268	0.1554	0.006049	89	1.041	0.2802	0.00037
+++++++++	2960	0.4268	0.1554	0.006049	89	1.041	0.2802	0.00037
--+--+---	2960	-0.248	0.06537	0.000152	89	0.7308	0.2278	0.001908
+++++++++	2960	0.4268	0.1554	0.006049	89	1.041	0.2802	0.00037
+++++++++	2960	0.4268	0.1554	0.006049	89	1.041	0.2802	0.00037
++-++++++	2960	0.377	0.0874	1.66E-05	89	0.6171	0.7507	0.4135
++-++--++	2960	0.2324	0.064	0.000288	89	0.4071	0.2351	0.08707
+++++++++	2960	0.3954	0.1538	0.01022	89	0.8439	0.2342	0.000537
++-++++++	2960	0.377	0.0874	1.66E-05	89	0.741	0.8659	0.3946
--+------	2960	-0.2608	0.07033	0.000213	89	-0.08496	0.3057	0.7818
++-++++++	2960	0.3824	0.08734	1.24E-05	89	0.1736	0.2822	0.5402
------++-	2960	-0.3918	0.119	0.001005	89	-0.499	0.3784	0.1909
+-+++-+++	2960	0.2588	0.06635	9.79E-05	89	-0.2567	0.2852	0.3708
+++++++++	2960	0.407	0.1556	0.00896	89	1.041	0.2802	0.00037
++-++--++	2960	0.2338	0.06398	0.000263	89	0.3674	0.2342	0.1206
++-++--++	2960	0.2338	0.06398	0.000263	89	0.3674	0.2342	0.1206
+++++++++	2960	0.4078	0.1549	0.008498	89	1.041	0.2802	0.00037
+++++++++	2960	0.4078	0.1549	0.008498	89	1.041	0.2802	0.00037
+++++-+-+	2960	0.3136	0.07146	1.18E-05	89	0.00621	0.3218	0.9846
++-++--++	2960	0.2321	0.06415	0.000303	89	0.4046	0.2398	0.09528
+++++++++	2960	0.407	0.1556	0.00896	89	1.041	0.2802	0.00037
++-++--++	2960	0.2315	0.06396	0.000301	89	0.3674	0.2342	0.1206

:quisition.

	A4 Hispanic (Florbetapir)				ADNI (Florbetapir)				ADNI
N	BETA	SE	P	N	BETA	SE	P	N	BETA
105	4.041	0.9046	2.12E-05	623	2.17	0.206	5.68E-24	88	1.802
105	1.588	0.8428	0.06245	623	1.875	0.2033	4.46E-19	88	1.604
105	3.704	0.9352	0.000142	623	2.013	0.226	5.91E-18	88	1.51
105	1.461	0.8003	0.07095	623	1.816	0.2033	4.81E-18	88	1.411
105	3.953	0.9509	6.91E-05	623	2.013	0.226	5.91E-18	88	1.51
105	3.704	0.9352	0.000142	623	2.013	0.226	5.91E-18	88	1.51
105	1.325	0.7753	0.09051	623	1.812	0.2034	5.85E-18	88	1.411
105	1.272	0.7298	0.08441	623	1.809	0.2033	6.27E-18	88	1.411
105	4.224	0.9422	2.00E-05	623	1.939	0.2266	9.35E-17	88	1.51
105	1.397	0.7524	0.06646	623	1.789	0.2037	1.58E-17	88	1.411
105	4.224	0.9422	2.00E-05	623	1.989	0.2254	1.15E-17	88	1.522
105	4.224	0.9422	2.00E-05	623	1.989	0.2254	1.15E-17	88	1.522
105	4.224	0.9422	2.00E-05	623	1.909	0.226	2.15E-16	88	1.522
105	3.993	1.199	0.00122	623	1.741	0.2554	2.24E-11	88	1.491
105	-0.7426	0.6425	0.2506	623	-1.013	0.1964	3.36E-07	88	-1.397
105	-0.5988	0.6556	0.3633	623	-0.8722	0.1975	1.19E-05	88	-0.5407
105	-0.5988	0.6556	0.3633	623	-0.8722	0.1975	1.19E-05	88	-0.5407
105	-0.5988	0.6556	0.3633	623	-0.8722	0.1975	1.19E-05	88	-0.5407
105	-0.5988	0.6556	0.3633	623	-0.8722	0.1975	1.19E-05	88	-0.5407
105	-0.5988	0.6556	0.3633	623	-0.8722	0.1975	1.19E-05	88	-0.5407
105	-0.8701	0.642	0.1784	623	-0.9168	0.197	3.98E-06	88	-0.5407
105	-0.4936	0.5873	0.4027	623	-0.903	0.1953	4.61E-06	88	-1.255
105	-0.4419	0.6686	0.5101	623	-0.7813	0.1998	0.000103	88	-0.2231
105	0.06628	0.6919	0.9239	623	-0.7243	0.2	0.000316	88	-0.3722
105	0.06628	0.6919	0.9239	623	-0.7243	0.2	0.000316	88	-0.3722
105	0.04412	0.6942	0.9495	623	-0.7474	0.2	0.000204	88	-0.3722
105	-0.4893	0.7253	0.5015	623	-0.8178	0.2141	0.000147	88	-1.235
105	-0.04003	0.689	0.9538	623	-0.6871	0.1998	0.000623	88	-0.3722
105	-0.7445	0.6132	0.2276	623	-0.5765	0.1914	0.002701	88	-0.127
105	-0.03463	0.6414	0.9571	623	-0.5641	0.1891	0.002972	88	-1.433
105	0.8423	0.6897	0.2249	623	0.9432	0.1847	4.38E-07	88	-0.06286
105	-0.03463	0.6414	0.9571	623	-0.5641	0.1891	0.002972	88	-1.433
105	0.6302	0.6798	0.3562	623	0.3528	0.2057	0.08692	88	1.545
105	0.5155	0.6725	0.4452	623	0.3528	0.2057	0.08692	88	1.53
105	0.5155	0.6725	0.4452	623	0.3698	0.2065	0.07374	88	1.53
105	0.6302	0.6798	0.3562	623	0.3223	0.206	0.1183	88	1.476
105	0.5115	0.6586	0.4392	623	0.2558	0.2015	0.2049	88	1.416
105	-0.273	0.7338	0.7107	623	-0.6525	0.197	0.000981	88	-0.03435
105	0.6302	0.6798	0.3562	623	0.3185	0.2053	0.1212	88	1.42
105	0.6302	0.6798	0.3562	623	0.2702	0.2056	0.1894	88	1.323
105	-0.1901	0.7278	0.7945	623	-0.5696	0.2008	0.004715	88	0.01372

105	0.6088	0.6328	0.3384	623	0.2403	0.1953	0.2191	88	1.353
105	0.6088	0.6328	0.3384	623	0.2403	0.1953	0.2191	88	1.353
105	0.7731	0.6573	0.2424	623	0.3659	0.199	0.06649	88	1.397
105	0.7949	0.653	0.2265	623	0.3659	0.199	0.06649	88	1.397
105	-1.571	1.133	0.1685	623	0.3531	0.3445	0.3059	88	0.5121
105	0.5667	0.6391	0.3774	623	0.2426	0.1953	0.2146	88	1.353
105	0.477	0.6302	0.4509	623	0.2246	0.1949	0.2497	88	1.353
105	0.477	0.6302	0.4509	623	0.2246	0.1949	0.2497	88	1.353
105	0.477	0.6302	0.4509	623	0.2246	0.1949	0.2497	88	1.353
105	0.477	0.6302	0.4509	623	0.2269	0.1949	0.2448	88	1.353
105	0.477	0.6302	0.4509	623	0.2269	0.1949	0.2448	88	1.353
105	-1.094	1.114	0.3286	623	0.3984	0.3434	0.2465	88	0.5121
105	-1.301	1.088	0.2346	623	0.4151	0.3421	0.2255	88	0.5121
105	0.8571	0.6414	0.1846	623	0.2845	0.1997	0.1549	88	1.358
105	0.4966	0.6364	0.4371	623	0.2269	0.1949	0.2448	88	1.353
105	-1.301	1.088	0.2346	623	0.4385	0.3557	0.2181	88	0.04839
105	-1.301	1.088	0.2346	623	0.4151	0.3421	0.2255	88	0.5121
105	0.7358	0.6547	0.2638	623	0.2797	0.2002	0.1628	88	1.358
105	0.6967	0.6516	0.2876	623	0.2957	0.2003	0.1404	88	1.491
105	0.7358	0.6547	0.2638	623	0.2797	0.2002	0.1628	88	1.358
105	-1.271	1.11	0.2551	623	0.4149	0.3421	0.2257	88	0.5121
105	-1.301	1.088	0.2346	623	0.4151	0.3421	0.2255	88	0.5121
105	-1.301	1.088	0.2346	623	0.4151	0.3421	0.2255	88	0.5121
105	-1.301	1.088	0.2346	623	0.4149	0.3421	0.2257	88	0.5121
105	0.7358	0.6547	0.2638	623	0.2797	0.2002	0.1628	88	1.358
105	0.8571	0.6414	0.1846	623	0.2957	0.2003	0.1404	88	1.563
105	-1.571	1.133	0.1685	623	0.3706	0.3433	0.2807	88	0.5121
105	0.8571	0.6414	0.1846	623	0.2797	0.2002	0.1628	88	1.491
105	0.6365	0.6455	0.3265	623	0.2245	0.2005	0.2634	88	1.585
105	0.7572	0.6328	0.2344	623	0.1984	0.1994	0.32	88	1.585
105	-0.7187	0.7251	0.324	623	-0.1482	0.2188	0.4984	88	-0.5915
105	-0.7187	0.7251	0.324	623	-0.1232	0.2185	0.5731	88	-0.5573
105	0.7634	0.6376	0.2341	623	-0.474	0.1976	0.01676	88	0.03318
105	-0.7187	0.7251	0.324	623	-0.1232	0.2185	0.5731	88	-0.5573
105	-0.7187	0.7251	0.324	623	-0.1232	0.2185	0.5731	88	-0.4872
105	-0.83	0.7521	0.2724	623	-0.07931	0.2116	0.708	88	-0.5328
105	-0.7187	0.7251	0.324	623	-0.1232	0.2185	0.5731	88	-0.5573
105	-0.5196	0.6807	0.4471	623	0.5728	0.1933	0.003155	88	0.09659
105	0.7572	0.6328	0.2344	623	0.2245	0.2005	0.2634	88	1.585
105	-0.2915	0.6401	0.6498	623	0.4413	0.1921	0.02193	88	-0.07005
105	-0.2915	0.6401	0.6498	623	0.4413	0.1921	0.02193	88	-0.07005
105	-0.2915	0.6401	0.6498	623	0.4413	0.1921	0.02193	88	-0.1271
105	-0.2953	0.6409	0.646	623	0.4582	0.1912	0.01683	88	-0.1271
105	-0.2915	0.6401	0.6498	623	0.4657	0.1909	0.01498	88	-0.1271
105	-0.2953	0.6409	0.646	623	0.4657	0.1909	0.01498	88	-0.1271
105	-0.3244	0.6472	0.6173	623	0.4194	0.1924	0.02967	88	-0.08092
105	0.4903	0.6623	0.4609	623	0.1911	0.1978	0.3344	88	1.223

105	-0.2915	0.6401	0.6498	623	0.4657	0.1909	0.01498	88	-0.1271
105	-0.2915	0.6401	0.6498	623	0.4657	0.1909	0.01498	88	-0.1271
105	0.07759	0.6297	0.9022	623	0.4578	0.1924	0.01765	88	-0.07005
105	-1.017	1.012	0.3175	623	0.5439	0.4212	0.1971	88	1.539
105	-0.7187	0.7251	0.324	623	-0.1499	0.2175	0.491	88	-0.5915
105	-0.2915	0.6401	0.6498	623	0.4316	0.1918	0.02474	88	-0.07005
105	-0.2915	0.6401	0.6498	623	0.4463	0.1913	0.01999	88	-0.07005
105	0.441	0.6089	0.4706	623	-0.1266	0.1966	0.5198	88	-0.2742
105	-1.842	1.057	0.0847	623	0.4995	0.3329	0.134	88	0.9783
105	0.4903	0.6623	0.4609	623	0.2165	0.1989	0.2767	88	1.223
105	-0.7187	0.7251	0.324	623	-0.1499	0.2175	0.491	88	-0.5573
105	-1.606	1.022	0.1196	623	0.244	0.337	0.4693	88	0.5121
105	-1.071	0.9949	0.2845	623	0.3984	0.3434	0.2465	88	0.5121
105	0.7353	0.6422	0.255	623	-0.4515	0.1979	0.0229	88	0.02267
105	0.07759	0.6297	0.9022	623	0.4578	0.1924	0.01765	88	-0.07005
105	0.2815	0.7481	0.7075	623	0.1719	0.2237	0.4425	88	0.7674
105	0.00231	0.692	0.9973	623	0.1448	0.224	0.5181	88	0.2541
105	-1.017	1.012	0.3175	623	0.5439	0.4212	0.1971	88	1.539
105	0.2815	0.7481	0.7075	623	0.161	0.2238	0.4721	88	0.7674
105	0.7353	0.6422	0.255	623	-0.4515	0.1979	0.0229	88	0.02267
105	0.5455	0.6026	0.3675	623	-0.07905	0.1947	0.685	88	-0.2742
105	-0.2972	0.6428	0.6449	623	0.5233	0.189	0.005799	88	0.8574
105	-0.8068	0.7743	0.3	623	-0.08121	0.2165	0.7077	88	-0.4888
105	-1.242	3.276	0.7056	623	-1.733	0.6508	0.007948	88	-4.772
105	0.5749	0.696	0.4108	623	-0.6837	0.189	0.000321	88	0.3108
105	1.122	0.7476	0.1365	623	0.6551	0.2905	0.02448	88	1.14
105	0.8448	0.6583	0.2024	623	0.3283	0.1979	0.09757	88	0.7682
105	-0.2972	0.6428	0.6449	623	0.5233	0.189	0.005799	88	0.8574
105	-0.2792	2.101	0.8946	623	-1.187	0.5268	0.02458	88	-2.374
105	0.5749	0.696	0.4108	623	-0.6837	0.189	0.000321	88	0.3108
105	0.3537	0.8318	0.6716	623	0.2029	0.2443	0.4066	88	0.5303
105	0.0787	1.576	0.9603	623	0.3936	0.4674	0.4	88	0.2546
105	0.816	0.6469	0.2102	623	-0.3955	0.1976	0.04584	88	0.2568
105	0.2425	1.674	0.8851	623	0.3697	0.4742	0.4359	88	0.4931
105	-0.4	0.7034	0.5708	623	0.2613	0.2278	0.2519	88	1.227
105	-0.4	0.7034	0.5708	623	0.2613	0.2278	0.2519	88	1.227
105	-0.4	0.7034	0.5708	623	0.2613	0.2278	0.2519	88	1.227
105	-0.4	0.7034	0.5708	623	0.2613	0.2278	0.2519	88	1.227
105	-0.4	0.7034	0.5708	623	0.2613	0.2278	0.2519	88	1.227
105	-0.4	0.7034	0.5708	623	0.2613	0.2278	0.2519	88	1.227
105	-0.4	0.7034	0.5708	623	0.2613	0.2278	0.2519	88	1.227
105	-0.4	0.7034	0.5708	623	0.2613	0.2278	0.2519	88	1.227
105	0.2425	1.674	0.8851	623	0.3697	0.4742	0.4359	88	0.4931
105	-0.1783	0.7059	0.8011	623	0.2779	0.2278	0.2229	88	1.227
105	0.0787	1.576	0.9603	623	0.4322	0.4633	0.3512	88	0.2546
105	-0.1783	0.7059	0.8011	623	0.2779	0.2278	0.2229	88	1.227
105	0.594	0.6631	0.3726	623	-0.7671	0.19	6.06E-05	88	0.2423

105	-0.4171	1.446	0.7736	623	0.3234	0.4459	0.4686	88	0.2546
105	-0.4595	1.605	0.7753	623	-0.4624	0.3393	0.1735	88	-0.5559
105	0.2425	1.674	0.8851	623	0.3697	0.4742	0.4359	88	0.4931
105	0.2425	1.674	0.8851	623	0.3697	0.4742	0.4359	88	0.4931
105	0.2425	1.674	0.8851	623	0.3697	0.4742	0.4359	88	0.4931
105	0.341	0.6197	0.5835	623	-0.0957	0.2015	0.635	88	-0.1574
105	0.2425	1.674	0.8851	623	0.3697	0.4742	0.4359	88	0.4931
105	0.2425	1.674	0.8851	623	0.3697	0.4742	0.4359	88	0.4931
105	-0.5696	0.9861	0.5648	623	0.04713	0.2655	0.8592	88	1.473
105	-0.3874	0.7589	0.6109	623	0.1666	0.1887	0.3776	88	1.419
105	0.0787	1.576	0.9603	623	0.3936	0.4674	0.4	88	0.2546
105	-0.6072	0.9356	0.5179	623	0.04713	0.2655	0.8592	88	1.473
105	0.1476	0.7099	0.8357	623	-0.3307	0.199	0.09708	88	-1.165
105	-0.7159	0.9262	0.4414	623	0.04713	0.2655	0.8592	88	1.489
105	-1.292	1.418	0.3645	623	-0.9975	0.3505	0.004577	88	-1.186
105	0.08463	0.7409	0.9093	623	0.5361	0.1946	0.006046	88	0.04443
105	0.2425	1.674	0.8851	623	0.3697	0.4742	0.4359	88	0.4931
105	-0.3874	0.7589	0.6109	623	0.1666	0.1887	0.3776	88	1.419
105	-0.3874	0.7589	0.6109	623	0.1666	0.1887	0.3776	88	1.419
105	0.2425	1.674	0.8851	623	0.3697	0.4742	0.4359	88	0.4931
105	0.2425	1.674	0.8851	623	0.3697	0.4742	0.4359	88	0.4931
105	0.4537	0.7268	0.5339	623	0.2501	0.2143	0.2438	88	1.141
105	-0.2561	0.7774	0.7426	623	0.1666	0.1887	0.3776	88	1.419
105	0.2425	1.674	0.8851	623	0.3697	0.4742	0.4359	88	0.4931
105	-0.3874	0.7589	0.6109	623	0.1583	0.1882	0.4005	88	1.551

(PiB)		Berkeley (PiB)				BIOCARD (PiB)			
SE	P	N	BETA	SE	P	N	BETA	SE	P
0.4832	0.000354	172	2.177	0.6344	0.000756	44	3.733	0.995	0.000601
0.4496	0.000606	172	1.858	0.566	0.001254	44	3.394	1.032	0.002212
0.5645	0.009041	172	1.963	0.7009	0.005711	44	2.329	1.331	0.08836
0.4628	0.003098	172	1.84	0.5654	0.001379	44	3.394	1.032	0.002212
0.5645	0.009041	172	1.963	0.7009	0.005711	44	2.329	1.331	0.08836
0.5645	0.009041	172	1.963	0.7009	0.005711	44	2.329	1.331	0.08836
0.4628	0.003098	172	1.625	0.5555	0.003927	44	3.394	1.032	0.002212
0.4628	0.003098	172	1.625	0.5555	0.003927	44	3.394	1.032	0.002212
0.5645	0.009041	172	1.73	0.7111	0.01605	44	2.329	1.331	0.08836
0.4628	0.003098	172	1.625	0.5555	0.003927	44	3.394	1.032	0.002212
0.5455	0.006573	172	1.72	0.7091	0.01639	44	2.329	1.331	0.08836
0.5455	0.006573	172	1.72	0.7091	0.01639	44	2.329	1.331	0.08836
0.5455	0.006573	172	1.633	0.7058	0.02189	44	2.329	1.331	0.08836
0.5985	0.0148	172	1.344	0.765	0.08074	44	1.538	1.434	0.2905
0.4583	0.003112	172	-0.556	0.4594	0.228	44	-1.965	1.043	0.06733
0.4992	0.282	172	-0.7806	0.4644	0.09471	44	-1.79	1.104	0.1134
0.4992	0.282	172	-0.7806	0.4644	0.09471	44	-1.79	1.104	0.1134
0.4992	0.282	172	-0.7806	0.4644	0.09471	44	-1.79	1.104	0.1134
0.4992	0.282	172	-0.7806	0.4644	0.09471	44	-1.79	1.104	0.1134
0.4992	0.282	172	-0.7806	0.4644	0.09471	44	-1.79	1.104	0.1134
0.4992	0.282	172	-0.812	0.4632	0.0815	44	-1.567	1.138	0.1767
0.4488	0.006471	172	-0.4996	0.4383	0.2559	44	-1.397	1.241	0.2675
0.4851	0.6469	172	-0.8647	0.4477	0.05517	44	-1.623	1.181	0.1778
0.5031	0.4615	172	-0.845	0.4562	0.06575	44	-1.623	1.181	0.1778
0.5031	0.4615	172	-0.7225	0.4531	0.1127	44	-1.623	1.181	0.1778
0.5031	0.4615	172	-0.845	0.4562	0.06575	44	-1.351	1.215	0.2733
0.4969	0.01501	172	-0.429	0.4874	0.38	44	0.3593	1.545	0.8173
0.5031	0.4615	172	-0.775	0.4555	0.09075	44	-1.351	1.215	0.2733
0.4741	0.7894	172	0.5985	0.4365	0.1722	44	0.1601	1.258	0.8994
0.4925	0.004678	172	-0.8108	0.4538	0.07582	44	-1.177	1.094	0.2888
0.4756	0.8952	172	0.03954	0.4426	0.9289	44	1.309	1.07	0.2289
0.4925	0.004678	172	-0.8108	0.4538	0.07582	44	-1.177	1.094	0.2888
0.4841	0.002014	172	0.89	0.4645	0.05709	44	0.5088	1.251	0.6866
0.4968	0.002823	172	0.9121	0.4703	0.05414	44	0.5088	1.251	0.6866
0.4968	0.002823	172	0.9458	0.4701	0.04585	44	0.5088	1.251	0.6866
0.506	0.004573	172	0.89	0.4645	0.05709	44	0.5088	1.251	0.6866
0.4777	0.003974	172	0.9248	0.4601	0.04605	44	0.3148	1.195	0.7936
0.5042	0.9458	172	-0.2828	0.4558	0.5358	44	-1.435	1.144	0.2177
0.4747	0.003689	172	0.8949	0.4643	0.05563	44	0.3281	1.19	0.7844
0.4722	0.00635	172	0.8949	0.4643	0.05563	44	0.3281	1.19	0.7844
0.4956	0.978	172	-0.5146	0.4618	0.2667	44	-0.903	1.221	0.4644

0.4911	0.007258	172	0.8065	0.4605	0.08172	44	1.903	1.169	0.1121
0.4911	0.007258	172	0.8065	0.4605	0.08172	44	1.903	1.169	0.1121
0.5204	0.008785	172	0.8998	0.4618	0.05305	44	1.903	1.169	0.1121
0.5204	0.008785	172	0.8998	0.4618	0.05305	44	1.903	1.169	0.1121
1.015	0.6154	172	1.681	0.7087	0.01887	44	2.468	1.803	0.1795
0.4911	0.007258	172	0.8091	0.4591	0.07989	44	1.903	1.169	0.1121
0.4911	0.007258	172	0.8291	0.4656	0.07676	44	1.903	1.169	0.1121
0.4911	0.007258	172	0.8291	0.4656	0.07676	44	1.903	1.169	0.1121
0.4911	0.007258	172	0.8291	0.4656	0.07676	44	1.903	1.169	0.1121
0.4911	0.007258	172	0.7886	0.4606	0.08877	44	1.903	1.169	0.1121
0.4911	0.007258	172	0.7886	0.4606	0.08877	44	1.903	1.169	0.1121
1.015	0.6154	172	1.683	0.7102	0.01893	44	2.468	1.803	0.1795
1.015	0.6154	172	1.683	0.7102	0.01893	44	2.468	1.803	0.1795
0.4938	0.007338	172	1.066	0.4743	0.02597	44	1.903	1.169	0.1121
0.4911	0.007258	172	0.7916	0.4594	0.08672	44	1.903	1.169	0.1121
1.107	0.9652	172	1.385	0.7529	0.06754	44	3.203	1.831	0.08846
1.015	0.6154	172	1.683	0.7102	0.01893	44	2.468	1.803	0.1795
0.4938	0.007338	172	0.9859	0.4759	0.03987	44	1.903	1.169	0.1121
0.5041	0.004046	172	0.9451	0.4707	0.04629	44	1.903	1.169	0.1121
0.4938	0.007338	172	0.9859	0.4759	0.03987	44	1.903	1.169	0.1121
1.015	0.6154	172	1.335	0.7471	0.07569	44	2.468	1.803	0.1795
1.015	0.6154	172	1.683	0.7102	0.01893	44	2.468	1.803	0.1795
1.015	0.6154	172	1.683	0.7102	0.01893	44	2.468	1.803	0.1795
1.015	0.6154	172	1.335	0.7471	0.07569	44	2.468	1.803	0.1795
0.4938	0.007338	172	0.9859	0.4759	0.03987	44	1.903	1.169	0.1121
0.5082	0.002875	172	0.9451	0.4707	0.04629	44	1.903	1.169	0.1121
1.015	0.6154	172	1.683	0.7102	0.01893	44	2.468	1.803	0.1795
0.5041	0.004046	172	0.9451	0.4707	0.04629	44	1.903	1.169	0.1121
0.491	0.001805	172	0.9699	0.4754	0.04295	44	1.903	1.169	0.1121
0.491	0.001805	172	1.054	0.4714	0.02665	44	1.903	1.169	0.1121
0.5267	0.2648	172	-0.8676	0.474	0.06901	44	-1.508	1.229	0.2276
0.5269	0.2934	172	-0.8676	0.474	0.06901	44	-1.508	1.229	0.2276
0.4831	0.9454	172	-0.2937	0.4451	0.5102	44	0.189	1.141	0.8693
0.5269	0.2934	172	-0.8487	0.474	0.07518	44	-1.508	1.229	0.2276
0.5306	0.3612	172	-0.8487	0.474	0.07518	44	-1.508	1.229	0.2276
0.5213	0.3098	172	-0.5863	0.4815	0.2251	44	-1.387	1.366	0.3166
0.5269	0.2934	172	-0.8487	0.474	0.07518	44	-1.508	1.229	0.2276
0.4549	0.8324	172	-0.3304	0.4727	0.4855	44	1.371	1.009	0.1823
0.491	0.001805	172	0.9544	0.4765	0.04683	44	1.483	1.143	0.2025
0.5179	0.8927	172	0.9314	0.4528	0.04127	44	1.479	1.082	0.1799
0.5179	0.8927	172	0.9314	0.4528	0.04127	44	1.479	1.082	0.1799
0.5283	0.8105	172	0.9314	0.4528	0.04127	44	1.479	1.082	0.1799
0.5283	0.8105	172	0.9314	0.4528	0.04127	44	1.479	1.082	0.1799
0.5283	0.8105	172	0.9314	0.4528	0.04127	44	1.479	1.082	0.1799
0.5283	0.8105	172	0.9314	0.4528	0.04127	44	1.479	1.082	0.1799
0.5233	0.8775	172	0.934	0.4478	0.03855	44	1.479	1.082	0.1799
0.4786	0.01251	172	1.065	0.4694	0.02457	44	1.596	1.066	0.1428

0.5283	0.8105	172	0.9314	0.4528	0.04127	44	1.479	1.082	0.1799
0.5283	0.8105	172	0.9314	0.4528	0.04127	44	1.479	1.082	0.1799
0.5179	0.8927	172	0.9314	0.4528	0.04127	44	1.479	1.082	0.1799
0.8928	0.08859	172	-0.8564	0.9901	0.3883	44	-1.658	2.613	0.5296
0.5267	0.2648	172	-0.7183	0.4702	0.1285	44	-1.508	1.229	0.2276
0.5179	0.8927	172	0.9314	0.4528	0.04127	44	1.479	1.082	0.1799
0.5179	0.8927	172	0.9314	0.4528	0.04127	44	1.479	1.082	0.1799
0.4345	0.5297	172	-0.3101	0.4804	0.5194	44	-0.2454	0.9558	0.7988
0.843	0.2492	172	1.53	0.7278	0.03701	44	1.297	1.729	0.4577
0.4786	0.01251	172	0.9655	0.4744	0.04343	44	1.596	1.066	0.1428
0.5269	0.2934	172	-0.7183	0.4702	0.1285	44	-1.508	1.229	0.2276
1.015	0.6154	172	1.701	0.7036	0.01671	44	2.468	1.803	0.1795
1.015	0.6154	172	1.683	0.7102	0.01893	44	2.468	1.803	0.1795
0.4868	0.963	172	-0.3237	0.4445	0.4675	44	0.189	1.141	0.8693
0.5179	0.8927	172	0.9314	0.4528	0.04127	44	1.479	1.082	0.1799
0.5589	0.1735	172	-0.7229	0.4845	0.1376	44	1.876	1.025	0.07521
0.5946	0.6702	172	0.4201	0.5285	0.4278	44	1.753	1.523	0.2571
0.8928	0.08859	172	-0.8564	0.9901	0.3883	44	-1.658	2.613	0.5296
0.5589	0.1735	172	-0.7229	0.4845	0.1376	44	1.876	1.025	0.07521
0.4868	0.963	172	-0.3237	0.4445	0.4675	44	0.189	1.141	0.8693
0.4345	0.5297	172	-0.2655	0.4749	0.5769	44	-0.7918	0.9843	0.4263
0.4851	0.08092	172	-0.6435	0.4344	0.1405	44	-1.673	1.181	0.1651
0.5218	0.3517	172	-0.5958	0.4822	0.2184	44	-1.51	1.317	0.2589
3.058	0.1225	172	-0.1558	1.446	0.9144	44	2.284	2.54	0.3745
0.4815	0.5204	172	-0.1278	0.4318	0.7676	44	-0.9708	1.076	0.3726
0.7847	0.1501	172	0.3	0.6688	0.6543	44	3.18	1.928	0.1075
0.4984	0.1271	172	-0.1433	0.4504	0.7507	44	1.766	1.105	0.1186
0.4851	0.08092	172	-0.5384	0.4324	0.2149	44	-1.673	1.181	0.1651
1.811	0.1937	172	-2.621	1.309	0.0468	44	-3.836	2.637	0.1543
0.4815	0.5204	172	-0.1278	0.4318	0.7676	44	-0.9708	1.076	0.3726
0.616	0.3918	172	-0.4077	0.5431	0.4539	44	1.417	1.108	0.209
1.036	0.8065	172	0.5353	0.9743	0.5835	44	5.997	2.882	0.04439
0.4965	0.6065	172	-0.1893	0.45	0.6746	44	0.189	1.141	0.8693
1.057	0.6421	172	0.658	1.019	0.5193	44	5.997	2.882	0.04439
0.4675	0.01037	172	0.1195	0.5093	0.8148	44	-1.7	1.383	0.2267
0.4675	0.01037	172	0.1195	0.5093	0.8148	44	-1.7	1.383	0.2267
0.4675	0.01037	172	0.1195	0.5093	0.8148	44	-1.7	1.383	0.2267
0.4675	0.01037	172	0.1195	0.5093	0.8148	44	-1.7	1.383	0.2267
0.4675	0.01037	172	0.1195	0.5093	0.8148	44	-1.7	1.383	0.2267
0.4675	0.01037	172	0.1195	0.5093	0.8148	44	-1.7	1.383	0.2267
0.4675	0.01037	172	0.1195	0.5093	0.8148	44	-1.7	1.383	0.2267
0.4675	0.01037	172	0.1195	0.5093	0.8148	44	-1.7	1.383	0.2267
1.057	0.6421	172	0.5157	0.9979	0.606	44	5.997	2.882	0.04439
0.4675	0.01037	172	0.2144	0.5014	0.6695	44	-1.7	1.383	0.2267
1.036	0.8065	172	0.5353	0.9743	0.5835	44	5.997	2.882	0.04439
0.4675	0.01037	172	0.2144	0.5014	0.6695	44	-1.7	1.383	0.2267
0.4558	0.5965	172	0.5114	0.4608	0.2687	44	-0.7744	1.004	0.4455

1.036	0.8065	172	0.5353	0.9743	0.5835	44	5.997	2.882	0.04439
1.048	0.5974	172	-0.03776	0.8351	0.964	44	-1.148	1.957	0.5609
1.057	0.6421	172	0.658	1.019	0.5193	44	5.997	2.882	0.04439
1.057	0.6421	172	0.658	1.019	0.5193	44	5.997	2.882	0.04439
1.057	0.6421	172	0.658	1.019	0.5193	44	5.997	2.882	0.04439
0.4119	0.7033	172	0.1586	0.4799	0.7414	44	-0.8888	1.036	0.3963
1.057	0.6421	172	0.5157	0.9979	0.606	44	5.997	2.882	0.04439
1.057	0.6421	172	0.5157	0.9979	0.606	44	5.997	2.882	0.04439
0.7294	0.04669	172	0.1625	0.6463	0.8018	44	0.6134	1.658	0.7135
0.459	0.002738	172	-0.3906	0.4895	0.426	44	-0.5624	1.024	0.586
1.036	0.8065	172	0.6722	0.9943	0.5	44	5.997	2.882	0.04439
0.7294	0.04669	172	0.1625	0.6463	0.8018	44	0.6134	1.658	0.7135
0.5448	0.03551	172	-0.778	0.5131	0.1314	44	-0.4235	1.147	0.7142
0.7177	0.04114	172	0.1625	0.6463	0.8018	44	0.6134	1.658	0.7135
0.6543	0.07365	172	-0.2191	0.9124	0.8105	44	0.4842	1.645	0.7701
0.4777	0.9261	172	-0.1463	0.4939	0.7675	44	1.537	0.9903	0.1291
1.057	0.6421	172	0.658	1.019	0.5193	44	5.997	2.882	0.04439
0.459	0.002738	172	-0.3906	0.4895	0.426	44	-0.5624	1.024	0.586
0.459	0.002738	172	-0.3906	0.4895	0.426	44	-0.5624	1.024	0.586
1.057	0.6421	172	0.5157	0.9979	0.606	44	5.997	2.882	0.04439
1.057	0.6421	172	0.5157	0.9979	0.606	44	5.997	2.882	0.04439
0.576	0.05103	172	-0.8002	0.4833	0.0997	44	1.621	1.049	0.1307
0.459	0.002738	172	-0.3906	0.4895	0.426	44	-0.5624	1.024	0.586
1.057	0.6421	172	0.5157	0.9979	0.606	44	5.997	2.882	0.04439
0.465	0.001289	172	-0.3906	0.4895	0.426	44	-0.5624	1.024	0.586

BLSA (PiB)				WRAP (PiB)			
N	BETA	SE	P	N	BETA	SE	P
144	2.492	0.9855	0.01258	89	1.643	0.8719	0.06313
144	2.39	0.8009	0.003372	89	1.559	0.8491	0.07
144	2.048	1.041	0.05107	89	1.735	0.8859	0.05356
144	2.279	0.7987	0.005006	89	1.559	0.8491	0.07
144	2.048	1.041	0.05107	89	1.735	0.8859	0.05356
144	2.048	1.041	0.05107	89	1.735	0.8859	0.05356
144	2.279	0.7987	0.005006	89	1.559	0.8491	0.07
144	2.279	0.7987	0.005006	89	1.347	0.8513	0.1175
144	2.048	1.041	0.05107	89	1.516	0.8924	0.09323
144	2.279	0.7987	0.005006	89	1.347	0.8513	0.1175
144	2.048	1.041	0.05107	89	1.605	0.8979	0.07755
144	2.048	1.041	0.05107	89	1.605	0.8979	0.07755
144	2.048	1.041	0.05107	89	1.605	0.8979	0.07755
144	1.314	1.194	0.273	89	0.9694	0.9638	0.3175
144	-0.4365	0.6553	0.5065	89	-0.9726	0.83	0.2447
144	-0.7821	0.6695	0.2447	89	-0.6957	0.7326	0.3451
144	-0.7821	0.6695	0.2447	89	-0.6957	0.7326	0.3451
144	-0.7821	0.6695	0.2447	89	-0.6957	0.7326	0.3451
144	-0.7821	0.6695	0.2447	89	-0.6957	0.7326	0.3451
144	-0.7821	0.6695	0.2447	89	-0.6957	0.7326	0.3451
144	-0.7605	0.6677	0.2567	89	-0.6957	0.7326	0.3451
144	-0.8128	0.6978	0.2461	89	-0.3578	0.8326	0.6685
144	-0.9766	0.668	0.1461	89	-0.7136	0.8174	0.3852
144	-1.202	0.6636	0.07229	89	-0.7137	0.835	0.3952
144	-1.127	0.6624	0.09101	89	-0.7137	0.835	0.3952
144	-1.086	0.6616	0.1031	89	-0.7627	0.8352	0.3638
144	0.0225	0.7872	0.9772	89	0.000466	0.8215	0.9995
144	-1.115	0.6613	0.09395	89	-0.7137	0.835	0.3952
144	0.3496	0.691	0.6138	89	-0.8992	0.7304	0.2218
144	-0.301	0.6907	0.6637	89	-0.4216	0.6991	0.5481
144	0.245	0.6848	0.7211	89	0.9825	0.7368	0.1861
144	-0.301	0.6907	0.6637	89	-0.4216	0.6991	0.5481
144	-0.6282	0.7494	0.4034	89	-0.2981	0.8127	0.7147
144	-0.6282	0.7494	0.4034	89	-0.3287	0.815	0.6878
144	-0.6282	0.7494	0.4034	89	-0.3287	0.815	0.6878
144	-0.6282	0.7494	0.4034	89	-0.2981	0.8127	0.7147
144	-0.7701	0.7259	0.2906	89	-0.2608	0.7885	0.7417
144	-1.569	0.6605	0.01893	89	-0.3492	0.8168	0.6702
144	-0.6146	0.7544	0.4167	89	-0.2981	0.8127	0.7147
144	-0.569	0.7529	0.4511	89	-0.2981	0.8127	0.7147
144	-0.9978	0.6666	0.1368	89	-0.3003	0.8503	0.7248

144	-0.6157	0.6863	0.3713	89	0.2901	0.7814	0.7114
144	-0.6157	0.6863	0.3713	89	0.2901	0.7814	0.7114
144	-0.9347	0.7199	0.1963	89	-0.2263	0.7961	0.7769
144	-0.9347	0.7199	0.1963	89	-0.2436	0.7945	0.7599
144	0.8248	1.293	0.5246	89	3.451	1.473	0.02155
144	-0.6157	0.6863	0.3713	89	0.2901	0.7814	0.7114
144	-0.6767	0.6895	0.3281	89	0.2901	0.7814	0.7114
144	-0.6767	0.6895	0.3281	89	0.2901	0.7814	0.7114
144	-0.6767	0.6895	0.3281	89	0.2901	0.7814	0.7114
144	-0.6767	0.6895	0.3281	89	0.2901	0.7814	0.7114
144	-0.6767	0.6895	0.3281	89	0.2901	0.7814	0.7114
144	0.8248	1.293	0.5246	89	3.451	1.473	0.02155
144	0.8248	1.293	0.5246	89	3.451	1.473	0.02155
144	-0.905	0.7179	0.2096	89	0.4499	0.7909	0.571
144	-0.6767	0.6895	0.3281	89	0.2901	0.7814	0.7114
144	0.4306	1.344	0.7492	89	3.451	1.473	0.02155
144	0.8248	1.293	0.5246	89	3.451	1.473	0.02155
144	-0.905	0.7179	0.2096	89	0.3123	0.787	0.6925
144	-0.905	0.7179	0.2096	89	0.3123	0.787	0.6925
144	-0.905	0.7179	0.2096	89	0.3123	0.787	0.6925
144	0.7546	1.271	0.5537	89	3.451	1.473	0.02155
144	0.8248	1.293	0.5246	89	3.451	1.473	0.02155
144	0.8248	1.293	0.5246	89	3.451	1.473	0.02155
144	0.7546	1.271	0.5537	89	3.451	1.473	0.02155
144	-0.905	0.7179	0.2096	89	0.3123	0.787	0.6925
144	-0.905	0.7179	0.2096	89	0.3123	0.787	0.6925
144	0.8248	1.293	0.5246	89	3.451	1.473	0.02155
144	-0.905	0.7179	0.2096	89	0.3123	0.787	0.6925
144	-0.8606	0.7251	0.2373	89	0.3123	0.787	0.6925
144	-0.8606	0.7251	0.2373	89	0.3123	0.787	0.6925
144	-0.6518	0.7447	0.383	89	-0.2264	0.8348	0.7869
144	-0.6518	0.7447	0.383	89	-0.2264	0.8348	0.7869
144	-0.6028	0.6629	0.3648	89	-0.6069	0.7574	0.4253
144	-0.6049	0.7555	0.4247	89	-0.2264	0.8348	0.7869
144	-0.6049	0.7555	0.4247	89	-0.2264	0.8348	0.7869
144	-0.6729	0.7586	0.3766	89	-0.3622	0.8254	0.662
144	-0.6049	0.7555	0.4247	89	-0.2264	0.8348	0.7869
144	1.085	0.6908	0.1185	89	0.8965	0.8023	0.2671
144	-0.8606	0.7251	0.2373	89	0.3123	0.787	0.6925
144	0.1592	0.7529	0.8329	89	0.818	0.7625	0.2865
144	0.1592	0.7529	0.8329	89	0.818	0.7625	0.2865
144	0.1592	0.7529	0.8329	89	0.818	0.7625	0.2865
144	0.3219	0.7525	0.6694	89	0.818	0.7625	0.2865
144	0.3219	0.7525	0.6694	89	0.818	0.7625	0.2865
144	0.3219	0.7525	0.6694	89	0.818	0.7625	0.2865
144	0.347	0.7366	0.6384	89	0.9137	0.7524	0.2281
144	-0.7667	0.709	0.2814	89	0.1647	0.7975	0.8369

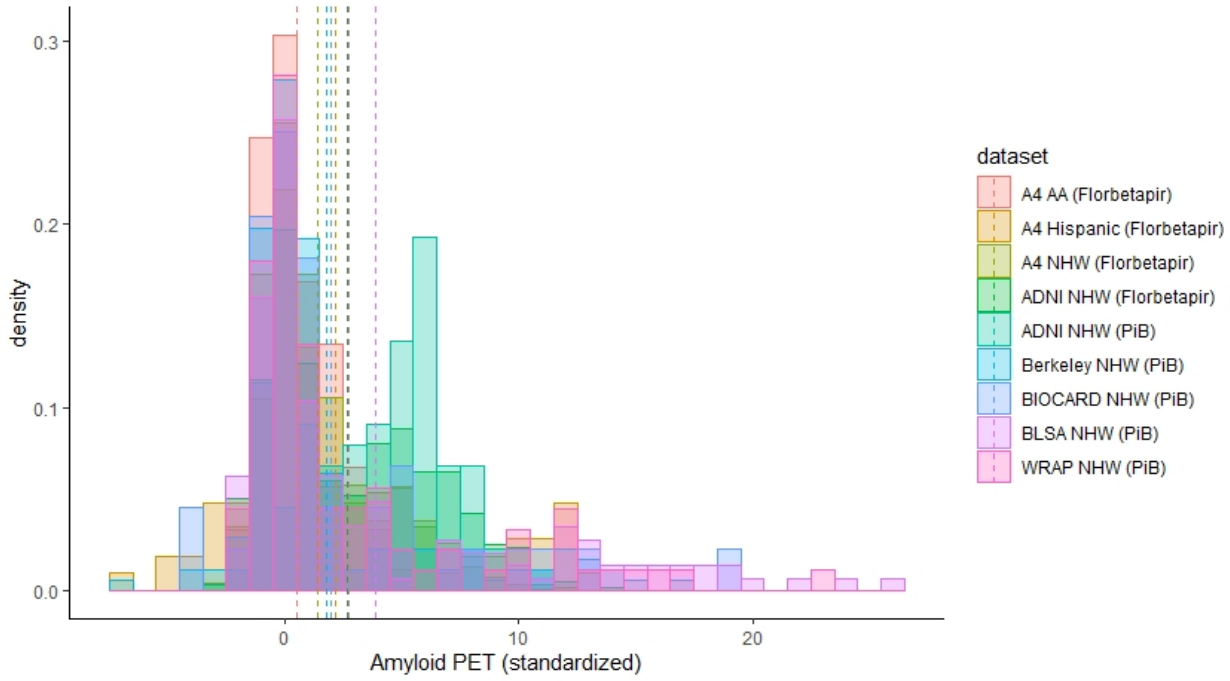
144	0.3219	0.7525	0.6694	89	0.818	0.7625	0.2865
144	0.3219	0.7525	0.6694	89	0.818	0.7625	0.2865
144	0.1592	0.7529	0.8329	89	0.8827	0.7554	0.246
144	-2.085	1.483	0.162	89	-2.004	1.719	0.2472
144	-0.6049	0.7555	0.4247	89	-0.2743	0.8362	0.7437
144	0.1592	0.7529	0.8329	89	0.818	0.7625	0.2865
144	0.07213	0.7585	0.9244	89	0.818	0.7625	0.2865
144	-0.5075	0.6592	0.4427	89	-0.36	0.7188	0.6178
144	-0.3372	1.216	0.7819	89	2.005	1.386	0.1519
144	-0.7667	0.709	0.2814	89	0.2059	0.7944	0.7962
144	-0.6049	0.7555	0.4247	89	-0.2743	0.8362	0.7437
144	0.8248	1.293	0.5246	89	3.451	1.473	0.02155
144	0.7165	1.266	0.5724	89	3.451	1.473	0.02155
144	-0.5007	0.6685	0.4552	89	-0.6069	0.7574	0.4253
144	0.1592	0.7529	0.8329	89	0.8827	0.7554	0.246
144	-0.3894	0.7933	0.6244	89	0.7412	0.8362	0.378
144	1.263	0.7315	0.08654	89	-0.6613	0.839	0.4329
144	-2.085	1.483	0.162	89	-2.004	1.719	0.2472
144	-0.3894	0.7933	0.6244	89	0.7412	0.8362	0.378
144	-0.5007	0.6685	0.4552	89	-0.4088	0.748	0.5862
144	-0.5453	0.644	0.3987	89	-0.4693	0.7428	0.5293
144	-0.7797	0.7001	0.2673	89	0.08278	0.813	0.9191
144	-0.7877	0.7512	0.2962	89	-0.2498	0.8407	0.7672
144	-2.439	2.009	0.2268	89	-1.573	2.487	0.529
144	-0.5442	0.659	0.4103	89	-1.093	0.7529	0.1504
144	-0.3656	1.023	0.7214	89	-0.117	1.166	0.9203
144	0.2178	0.7114	0.76	89	-0.6269	0.775	0.4209
144	-0.7797	0.7001	0.2673	89	0.08278	0.813	0.9191
144	-0.1245	1.461	0.9322	89	-3.955	2.519	0.1202
144	-0.5442	0.659	0.4103	89	-1.093	0.7529	0.1504
144	-0.0836	0.8604	0.9227	89	0.9352	1.02	0.3619
144	0.2263	1.564	0.8852	89	2.348	1.407	0.0989
144	-0.5007	0.6685	0.4552	89	-0.4088	0.748	0.5862
144	0.031	1.668	0.9852	89	2.591	1.451	0.07783
144	0.1104	0.8638	0.8985	89	-0.9404	0.882	0.2895
144	0.1104	0.8638	0.8985	89	-0.9404	0.882	0.2895
144	0.1104	0.8638	0.8985	89	-0.9404	0.882	0.2895
144	0.1104	0.8638	0.8985	89	-0.9404	0.882	0.2895
144	0.1104	0.8638	0.8985	89	-0.9404	0.882	0.2895
144	0.1104	0.8638	0.8985	89	-0.9404	0.882	0.2895
144	0.1104	0.8638	0.8985	89	-0.9404	0.882	0.2895
144	0.1104	0.8638	0.8985	89	-0.9404	0.882	0.2895
144	0.031	1.668	0.9852	89	2.591	1.451	0.07783
144	0.1104	0.8638	0.8985	89	-0.9404	0.882	0.2895
144	0.5787	1.611	0.72	89	2.348	1.407	0.0989
144	0.1104	0.8638	0.8985	89	-0.9404	0.882	0.2895
144	-0.6124	0.6819	0.3707	89	-0.896	0.6966	0.202

144	0.2263	1.564	0.8852	89	2.348	1.407	0.0989
144	-0.3103	1.114	0.7811	89	0.03348	1.216	0.9781
144	0.031	1.668	0.9852	89	2.168	1.696	0.2047
144	0.031	1.668	0.9852	89	2.168	1.696	0.2047
144	0.031	1.668	0.9852	89	2.168	1.696	0.2047
144	-0.892	0.6959	0.2021	89	-0.2524	0.7444	0.7354
144	0.031	1.668	0.9852	89	2.168	1.696	0.2047
144	0.031	1.668	0.9852	89	2.168	1.696	0.2047
144	0.3801	0.8846	0.6681	89	1.299	1.08	0.2327
144	1.151	0.6455	0.07676	89	1.192	0.686	0.086
144	0.2263	1.564	0.8852	89	2.348	1.407	0.0989
144	0.3801	0.8846	0.6681	89	1.299	1.08	0.2327
144	-0.1251	0.7208	0.8624	89	-0.8226	0.7633	0.2844
144	0.3801	0.8846	0.6681	89	1.299	1.08	0.2327
144	1.382	1.271	0.2788	89	-0.8928	1.347	0.5092
144	0.7855	0.695	0.2604	89	1.053	0.8063	0.195
144	0.031	1.668	0.9852	89	2.591	1.451	0.07783
144	1.151	0.6455	0.07676	89	1.192	0.686	0.086
144	1.151	0.6455	0.07676	89	1.192	0.686	0.086
144	0.031	1.668	0.9852	89	2.591	1.451	0.07783
144	0.031	1.668	0.9852	89	2.591	1.451	0.07783
144	-0.5868	0.792	0.4601	89	0.2312	0.8134	0.7769
144	1.027	0.6504	0.1167	89	1.192	0.686	0.086
144	0.031	1.668	0.9852	89	2.591	1.451	0.07783
144	1.151	0.6455	0.07676	89	1.192	0.686	0.086

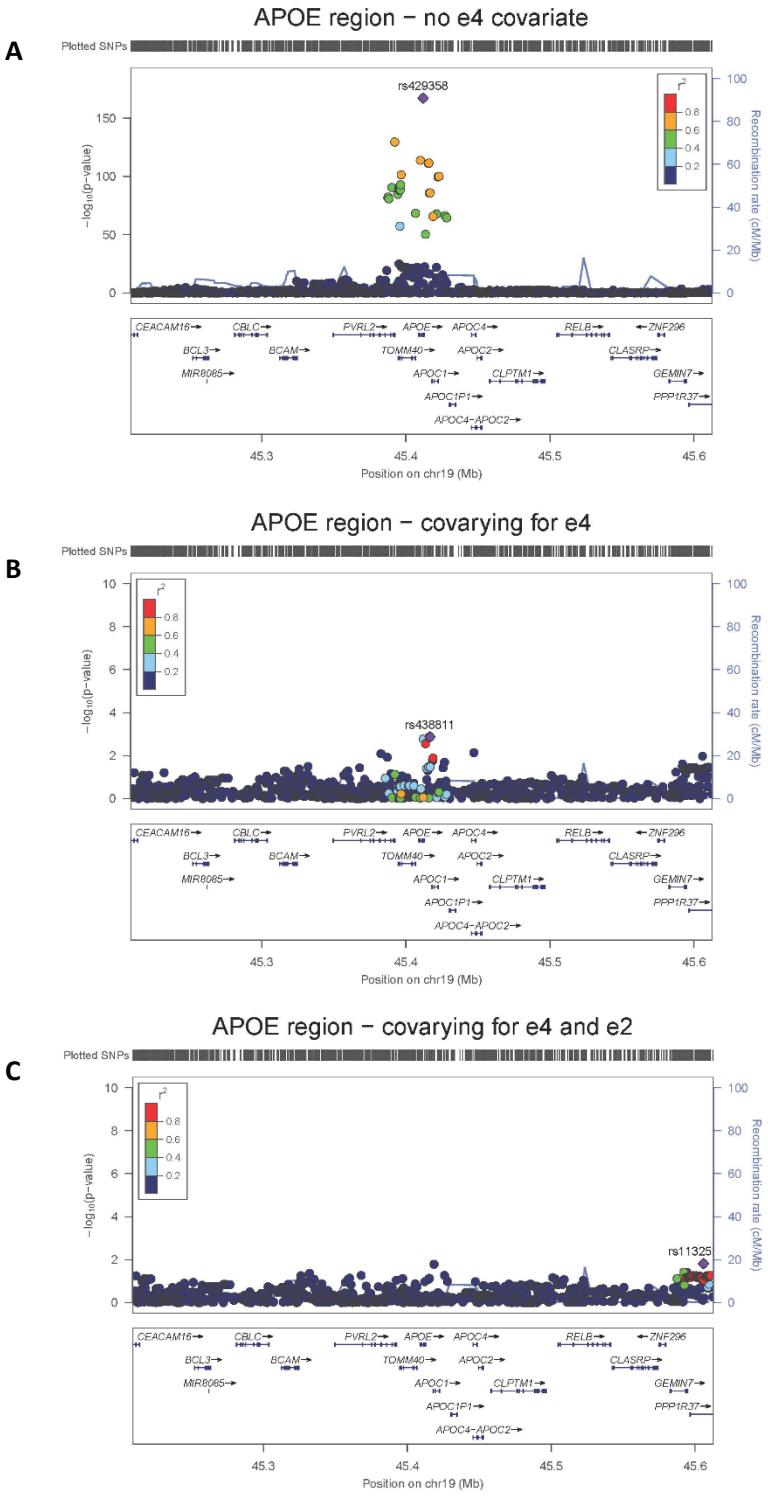
eTable 4: *RBFOX1* brain expression associations with amyloid burden adjusted for cell-type composition

Model	Beta	P
Main	-0.008	0.002
Main + covaried for all cell type fractions	-0.009	0.003
Main + covaried for endothelial and pericyte cell fraction	-0.01	0.015
Main + covaried for astrocyte fraction	-0.011	0.002
Main + covaried for excitatory neuron fraction	-0.01	0.021
Main + covaried for inhibitory neuron fraction	-0.011	0.002
Main + covaried for microglial fraction	-0.015	1.90E-05
Main + covaried for oligodendrocyte fraction	-0.008	0.025
Main + covaried for oligodendrocyte progenitor cell fraction	-0.016	9.10E-06

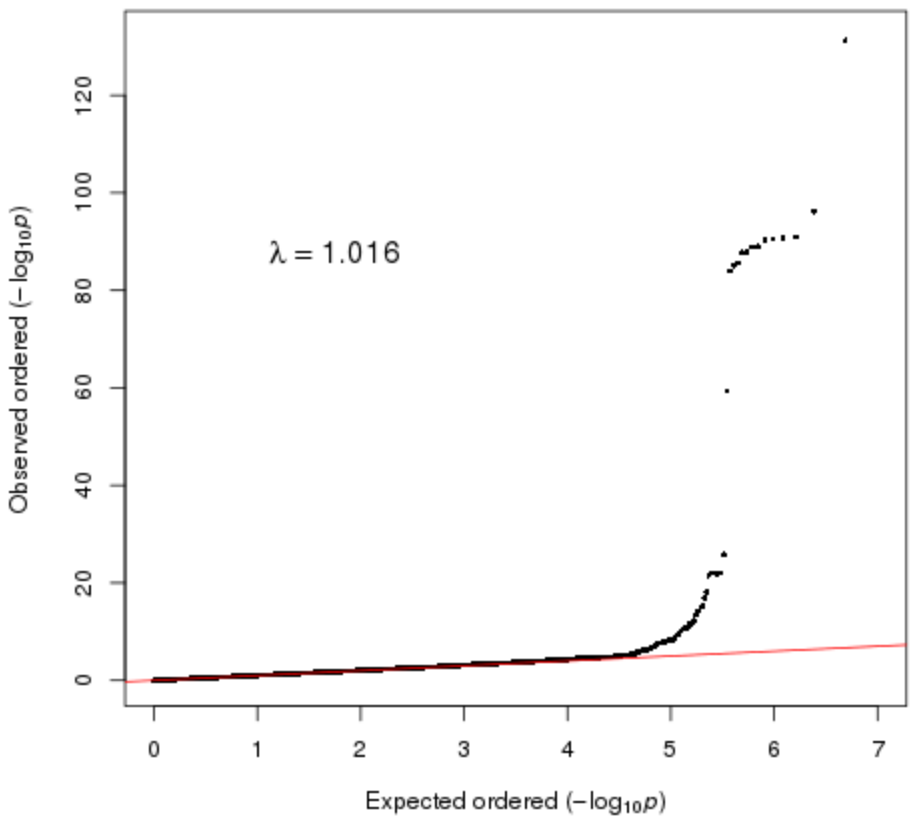
Note: The Main Model = amyloid burden ~ *RBFOX1* expression + age at death + sex + post mortem interval. *NRGN* was used as the marker for excitatory neurons, *GAD1* for inhibitory neurons, *AQP4* for astrocytes, *MBP* for oligodendrocytes, *CSF1R* and *CD74* for microglia, *VCAN* for oligodendrocyte progenitor cells, *FLT1* for endothelial cells, and *AMBP* for pericytes.



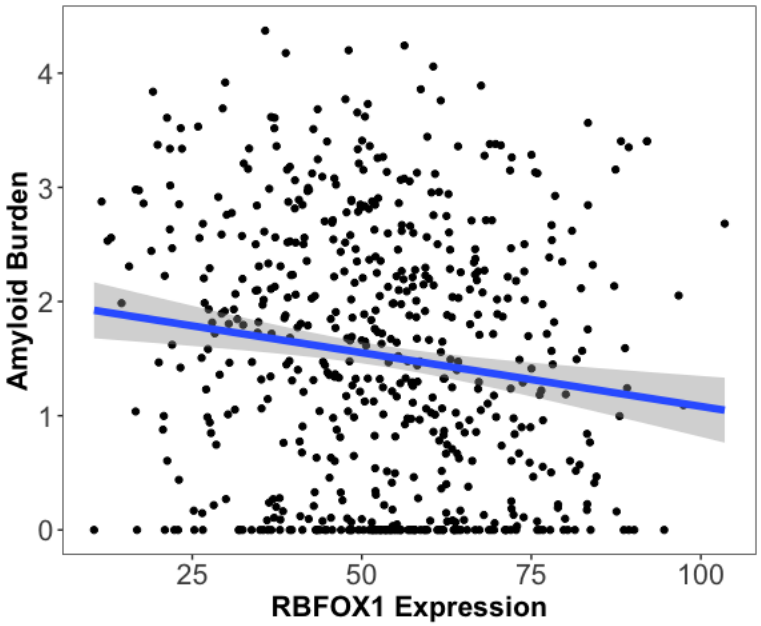
eFigure 1. Density histogram of normalized amyloid PET measures per study. All measures were centered and standardized using the mean and standard deviation of the amyloid negative gaussian distribution within study from a mixture model. Histogram is colored by dataset for visualization. The density, or the proportion of total observations that fall within a given bin, is presented on the y-axis. Vertical dotted lines show the mean normalized amyloid PET values of each cohort.



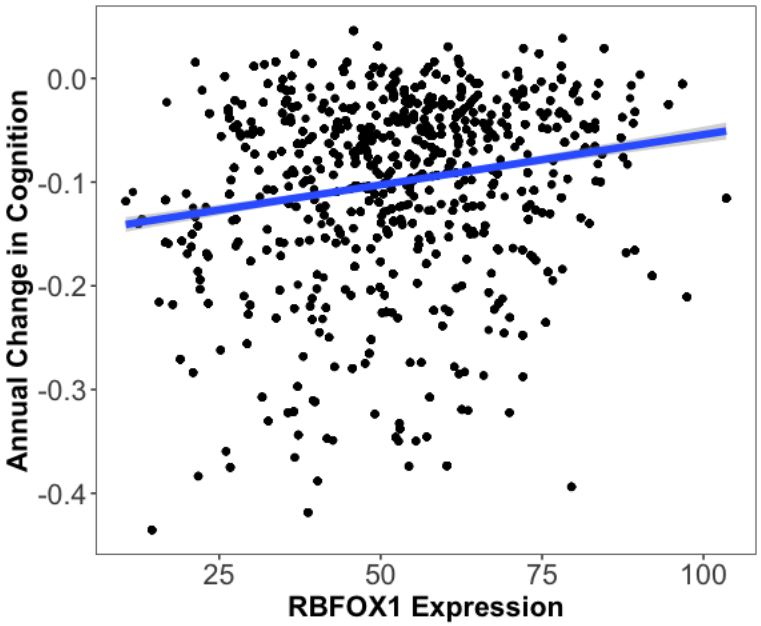
eFigure 2. Locus zoom plots of the APOE region in conditional analyses including A) no covariate for APOE-*ε4*, B) a APOE *ε*4 covariate C) APOE-*ε*4 and APOE- *ε*2 covariates



eFigure 3. QQ-plot for the meta-analysis of amyloid PET across all cohorts. λ represents the genomic inflation factor.



eFigure 4. Lower *RBFOX1* expression in the prefrontal cortex was associated with higher amyloid burden (Beta=-0.008, P=0.002).



eFigure 5. Lower *RBFOX1* expression in the prefrontal cortex was associated with a faster rate of global cognitive decline (Beta=0.001, P=4x10^{-5}**).**