

Results from Machine Learning Analysis for the Null Model of the right Ventral Striatum Seed

Variable Name	mean beta	SD beta	min beta	max beta	n folds	% folds
'intercept'	0.00022602	0.02609407	-0.071746299	0.09300886	500	100
'L_Caudate'	-0.0104417	0.25953569	-1.537995168	1.20896278	302	60.4
'R_Caudate'	0.05627699	0.26822786	-1.09880532	2.35050335	315	63
'L_Putamen'	0.0033305	0.33958593	-2.881837127	1.84611905	265	53
'R_Putamen'	-0.0167017	0.3141889	-3.328760308	1.40732697	268	53.6
'subthalamic_nucleus_R'	-0.0177386	0.07493062	-0.277239566	0.20930166	410	82
'subthalamic_nucleus_L'	0.02832479	0.08045031	-0.207204807	0.354657	420	84
'right_cerebellum'	0.01005461	0.1818273	-0.764526653	0.75625823	358	71.6
'left_cerebellum'	0.00440284	0.15780664	-0.890319614	1.03781374	312	62.4
'Amygdala_L'	-0.0136859	0.21683925	-1.85097532	0.64946559	301	60.2
'Amygdala_R'	-0.0008781	0.28676787	-1.006639304	1.35370712	341	68.2
'Angular_L'	-0.0185079	0.233515	-1.368611477	0.86185762	329	65.8
'Angular_R'	0.01505182	0.28938209	-1.091955988	1.39503779	354	70.8
'Calcarine_L'	0.00729071	0.33457761	-1.891226957	2.92335068	284	56.8
'Calcarine_R'	-0.0028092	0.3410003	-2.117722535	1.63028277	306	61.2
'Cingulum_Ant_L'	0.01517463	0.25324218	-1.070461291	1.52534179	251	50.2
'Cingulum_Ant_R'	-0.0528476	0.29755398	-1.696259459	1.39405536	300	60
'Cingulum_Mid_L'	-0.0191279	0.27045773	-2.137680604	1.8887338	281	56.2
'Cingulum_Mid_R'	0.05494238	0.3372149	-1.554378915	2.20152254	249	49.8
'Cingulum_Post_L'	0.01150655	0.25429927	-1.311974027	1.77497024	289	57.8
'Cingulum_Post_R'	0.01134776	0.23539114	-1.276626406	1.25171304	280	56
'Cuneus_L'	0.00834862	0.29490406	-1.997096803	3.35775099	243	48.6
'Cuneus_R'	0.02162814	0.32940412	-1.775373765	3.42726603	254	50.8
'Frontal_Inf_Oper_L'	-0.0491481	0.25239437	-1.586329189	1.10261395	294	58.8
'Frontal_Inf_Oper_R'	0.01263734	0.26304237	-1.553430717	1.34587581	309	61.8
'Frontal_Inf_Orb_L'	-0.007563	0.27582532	-1.421895375	1.55851184	298	59.6
'Frontal_Inf_Orb_R'	-0.0044373	0.19601082	-0.926366144	0.88526244	298	59.6
'Frontal_Inf_Tri_L'	0.04816966	0.28548461	-1.060689931	2.21346662	305	61
'Frontal_Inf_Tri_R'	-0.0237204	0.26952555	-1.303282401	1.74461739	298	59.6
'Frontal_Med_Orb_L'	0.02543512	0.32750696	-3.056603223	2.34994089	284	56.8
'Frontal_Med_Orb_R'	-0.0196309	0.24913654	-1.117269263	1.84929077	293	58.6
'Frontal_Mid_L'	0.00866577	0.33732279	-1.970352948	2.03377065	291	58.2
'Frontal_Mid_Orb_L'	0.01171585	0.19433204	-0.827448146	1.28219348	346	69.2
'Frontal_Mid_Orb_R'	-0.0017048	0.14777425	-0.913808228	0.60740784	332	66.4
'Frontal_Mid_R'	0.01277516	0.29636825	-2.290224906	2.29586811	253	50.6
'Frontal_Sup_L'	-0.0366233	0.33769027	-1.623977366	3.0990296	254	50.8
'Frontal_Sup_Medial_L'	0.01398548	0.28107805	-2.273072309	1.45851392	262	52.4
'Frontal_Sup_Medial_R'	0.00327697	0.25179924	-2.160061767	1.84025067	239	47.8
'Frontal_Sup_Orb_L'	-0.0198003	0.22478354	-1.291439743	1.35062524	272	54.4
'Frontal_Sup_Orb_R'	0.02088867	0.23313178	-1.065242765	1.37846211	306	61.2
'Frontal_Sup_R'	0.01107078	0.34467408	-1.590619493	2.32696402	239	47.8
'Fusiform_L'	0.03841926	0.24968253	-1.215123277	1.75491294	260	52
'Fusiform_R'	-0.0279636	0.26852407	-2.382984946	1.53373518	244	48.8
'Heschl_L'	0.01169987	0.21313891	-1.188990575	1.25549287	306	61.2
'Heschl_R'	0.00319744	0.26953124	-1.256028335	1.41326389	307	61.4
'Hippocampus_L'	-0.0240473	0.27826529	-1.752596116	1.62879787	294	58.8
'Hippocampus_R'	-0.0002577	0.23785344	-1.482299736	1.32758084	291	58.2
'Insula_L'	-0.0023733	0.39467932	-2.290245569	2.07047531	265	53
'Insula_R'	0.00536026	0.36032339	-2.099435253	2.51790792	249	49.8
'Lingual_L'	0.01568579	0.31685137	-1.898879868	2.28165554	249	49.8
'Lingual_R'	0.00915085	0.36532906	-1.712182301	1.87949357	266	53.2
'Occipital_Inf_L'	-0.02317	0.21302649	-1.40521498	1.18061096	332	66.4
'Occipital_Inf_R'	-0.0045412	0.21736126	-0.896261945	1.14992364	333	66.6
'Occipital_Mid_L'	0.01149643	0.25274682	-1.584907444	2.0164509	259	51.8
'Occipital_Mid_R'	0.00044552	0.32688256	-2.506473081	1.78781583	297	59.4
'Occipital_Sup_L'	-0.0093231	0.29904065	-1.605815538	1.79300921	279	55.8
'Occipital_Sup_R'	-0.0044185	0.31397541	-2.084272243	1.64264382	302	60.4

'Olfactory_L'	0.03549393	0.24955123	-1.017699208	1.12879177	326	65.2
'Olfactory_R'	-0.013716	0.20467803	-1.074617598	0.89176411	260	52
'Pallidum_L'	0.04102255	0.25032004	-1.139191888	1.61689442	298	59.6
'Pallidum_R'	-0.0270017	0.24064174	-1.48907708	0.88711141	286	57.2
'ParaHippocampal_L'	-0.0155546	0.19737495	-1.004997599	1.16255996	270	54
'ParaHippocampal_R'	0.01221953	0.2233811	-0.81725678	1.35780549	285	57
'Paracentral_Lobule_L'	0.00680002	0.22597195	-1.233510207	1.10034509	279	55.8
'Paracentral_Lobule_R'	0.03769052	0.25020511	-1.08248878	1.64223366	306	61.2
'Parietal_Inf_L'	0.00998236	0.30222504	-1.330926477	1.86018093	291	58.2
'Parietal_Inf_R'	-0.0311405	0.2330566	-1.260565234	1.88827531	307	61.4
'Parietal_Sup_L'	-0.0024108	0.24858544	-1.132418447	1.49762785	302	60.4
'Parietal_Sup_R'	-0.0123003	0.22703177	-1.385555458	0.92804821	304	60.8
'Postcentral_L'	-0.0388571	0.2935564	-1.64162724	1.78824982	291	58.2
'Postcentral_R'	0.04531425	0.35131369	-2.630855209	1.7110959	252	50.4
'Precentral_L'	0.01380462	0.30296609	-1.375752094	1.64987421	286	57.2
'Precentral_R'	0.00096925	0.348658	-1.794143286	1.48169699	326	65.2
'Precuneus_L'	-0.0332051	0.33318929	-2.236523271	2.17198826	224	44.8
'Precuneus_R'	-0.0237673	0.28162097	-1.767495496	1.47496258	218	43.6
'Rectus_L'	0.00758049	0.27907729	-1.249669725	1.63905482	317	63.4
'Rectus_R'	-0.0511044	0.23929115	-1.504401108	1.02967873	305	61
'Rolandic_Oper_L'	-0.0135183	0.33605784	-2.378536535	1.60578513	256	51.2
'Rolandic_Oper_R'	0.00054256	0.30434583	-1.295439302	1.67465026	288	57.6
'Supp_Motor_Area_L'	-0.0146381	0.31039438	-2.043932017	2.47747292	269	53.8
'Supp_Motor_Area_R'	-0.0233074	0.32462943	-2.895204844	2.18113848	235	47
'SupraMarginal_L'	0.00374174	0.20569278	-0.780797419	1.01687001	323	64.6
'SupraMarginal_R'	-0.0282105	0.22492862	-1.167415725	1.00850575	311	62.2
'Temporal_Inf_L'	0.00238114	0.2634868	-1.561377169	1.91072626	298	59.6
'Temporal_Inf_R'	0.01161056	0.22135703	-1.702071776	2.4702335	260	52
'Temporal_Mid_L'	0.00747426	0.24224711	-1.343523005	1.64069696	266	53.2
'Temporal_Mid_R'	0.02026794	0.27766379	-2.467298996	1.93698166	305	61
'Temporal_Pole_Mid_L'	0.00809646	0.18543926	-0.949569694	0.94656985	345	69
'Temporal_Pole_Mid_R'	-0.0059262	0.22910138	-1.103533643	1.69103335	339	67.8
'Temporal_Pole_Sup_L'	0.02780768	0.22959863	-1.007627425	1.56282601	248	49.6
'Temporal_Pole_Sup_R'	0.00307142	0.2586832	-1.146553083	1.63026344	283	56.6
'Temporal_Sup_L'	0.01604967	0.32378631	-1.94018429	2.02238372	256	51.2
'Temporal_Sup_R'	-0.0152589	0.28623637	-1.619397944	1.66778823	215	43
'Thalamus_L'	-0.0474754	0.26482684	-1.607753378	1.8127069	325	65
'Thalamus_R'	-0.0030235	0.29344192	-1.774343314	1.91672782	315	63
'site1'	0.00820864	0.07424134	-0.255610285	0.24838363	418	83.6
'site2'	-0.0018971	0.09154362	-0.343175007	0.36944486	404	80.8
'site3'	-0.0019339	0.07684338	-0.350762636	0.29336769	407	81.4
'site4'	0.00698886	0.07741146	-0.31757564	0.47483165	391	78.2
'site5'	-0.0009928	0.09413185	-0.522248279	0.35268367	411	82.2
'site6'	0.00088867	0.08531725	-0.47090497	0.33035133	400	80
'site7'	-0.0123085	0.09599555	-0.536045076	0.33897558	378	75.6
'sex'	0.00137631	0.08784638	-0.285968387	0.39749519	399	79.8
'pds'	-0.0080664	0.07268388	-0.272639371	0.22674283	405	81
'alcohol'	-0.0033334	0.06431086	-0.198144439	0.24321767	406	81.2
'cannabis'	0.00397211	0.08196422	-0.256780341	0.24642738	403	80.6

Elastic Net Parameters

	<i>Mode</i>	<i>Min</i>	<i>Max</i>	<i>mean</i>
Alpha	0.01	0.01	1	0.4352
Lambda	0.000196	0.0002	20.272061	0.41781