

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

Variable Name	mean beta	SD beta	min beta	max beta	n folds	% folds
'intercept'	-0.00027972	0.026086978	-0.07815862	0.096676366	500	100
'L_Caudate'	-0.00525307	0.208653941	-1.39532831	1.170235522	296	59.2
'R_Caudate'	0.030420711	0.243979098	-1.15343981	1.248067445	313	62.6
'L_Putamen'	0.037886645	0.293735813	-1.28870949	1.793604464	278	55.6
'R_Putamen'	0.024365698	0.233655249	-1.04108851	1.772973022	280	56
'subthalamic_nucleus_R'	-0.00812356	0.078602214	-0.26555194	0.24253104	417	83.4
'subthalamic_nucleus_L'	-0.00371061	0.080496067	-0.30854566	0.264121575	422	84.4
'right_cerebellum'	0.012350685	0.203070374	-0.90744625	1.096490104	352	70.4
'left_cerebellum'	0.006740856	0.203478527	-1.06831324	0.784180807	356	71.2
'Amygdala_L'	0.024036164	0.177961164	-0.68391811	1.19820261	317	63.4
'Amygdala_R'	-0.01287875	0.195950954	-1.11042949	0.994218976	295	59
'Angular_L'	0.01817575	0.218424086	-0.68811764	1.934420851	320	64
'Angular_R'	-0.0456384	0.257652009	-1.62993672	1.231454091	325	65
'Calcarine_L'	-0.01158653	0.246388407	-1.37302872	1.403248244	256	51.2
'Calcarine_R'	-0.03523274	0.270263219	-2.25467449	1.452791535	266	53.2
'Cingulum_Ant_L'	-0.0150025	0.278877458	-1.94770942	1.867207522	259	51.8
'Cingulum_Ant_R'	0.020734218	0.274561467	-2.02809094	1.700412457	292	58.4
'Cingulum_Mid_L'	-0.0036765	0.343612669	-2.91717366	3.135694292	274	54.8
'Cingulum_Mid_R'	-0.02841128	0.2890067	-2.2652269	1.683406085	279	55.8
'Cingulum_Post_L'	0.025102867	0.238874917	-1.53694544	1.710889537	290	58
'Cingulum_Post_R'	-0.02245038	0.24446727	-1.45371927	1.970085899	306	61.2
'Cuneus_L'	0.002817711	0.331157512	-2.30722218	2.607820798	239	47.8
'Cuneus_R'	0.034003169	0.432214297	-3.19476746	4.109566879	246	49.2
'Frontal_Inf_Oper_L'	0.039504684	0.295391739	-1.09051062	2.156325351	306	61.2
'Frontal_Inf_Oper_R'	0.007679732	0.228087425	-0.87214519	1.327672897	299	59.8
'Frontal_Inf_Orb_L'	0.012449369	0.184315485	-0.91604109	0.899666929	288	57.6
'Frontal_Inf_Orb_R'	0.021634718	0.267803214	-1.41371927	1.369004862	312	62.4
'Frontal_Inf_Tri_L'	-0.02043901	0.255406665	-1.33099293	1.504161558	291	58.2
'Frontal_Inf_Tri_R'	0.006087155	0.245563311	-1.2897561	1.408262152	290	58
'Frontal_Med_Orb_L'	-0.01599886	0.311734137	-1.36764718	2.243875284	268	53.6
'Frontal_Med_Orb_R'	-0.01174121	0.296676538	-2.10772861	1.26594075	294	58.8
'Frontal_Mid_L'	0.025852738	0.303978985	-1.30247253	2.783343233	266	53.2
'Frontal_Mid_Orb_L'	0.017095968	0.175109364	-0.88754506	1.05478754	324	64.8
'Frontal_Mid_Orb_R'	0.00178562	0.176539302	-0.87339497	0.910887297	340	68
'Frontal_Mid_R'	-0.02202543	0.201251111	-1.27417902	1.050267423	248	49.6
'Frontal_Sup_L'	0.002671721	0.318487724	-2.26075329	1.532755487	261	52.2
'Frontal_Sup_Medial_L'	0.011218907	0.318111164	-1.77691929	1.944760212	289	57.8
'Frontal_Sup_Medial_R'	0.019424679	0.269938289	-1.07625867	2.218187002	249	49.8
'Frontal_Sup_Orb_L'	-0.05061727	0.272732599	-1.70876002	1.034741379	280	56
'Frontal_Sup_Orb_R'	0.010953026	0.192604896	-0.9482874	1.156281901	290	58
'Frontal_Sup_R'	-0.03228306	0.318821968	-1.55966048	2.162157351	249	49.8
'Fusiform_L'	-0.00904062	0.278802663	-1.76920866	1.320802964	263	52.6
'Fusiform_R'	-0.00722875	0.259572681	-2.38965755	1.11523688	257	51.4
'Heschl_L'	-0.00388687	0.256580721	-1.52966712	1.104760993	311	62.2
'Heschl_R'	0.026974404	0.250241985	-1.47662135	1.251228149	295	59
'Hippocampus_L'	-0.05526353	0.306300941	-1.88417716	1.637538122	281	56.2
'Hippocampus_R'	0.038602079	0.281428317	-1.18944267	1.693675874	294	58.8
'Insula_L'	-0.00863308	0.262861896	-1.76985625	1.495708948	262	52.4
'Insula_R'	-0.07283731	0.290498428	-2.50668376	0.815955028	249	49.8
'Lingual_L'	0.03072174	0.273975981	-1.06905504	1.813282954	284	56.8
'Lingual_R'	0.035857208	0.398985639	-2.08998253	3.567248254	285	57
'Occipital_Inf_L'	0.002991203	0.177380475	-1.09025246	0.790940341	323	64.6
'Occipital_Inf_R'	-0.00514686	0.185280732	-1.24265773	1.084333099	340	68
'Occipital_Mid_L'	0.023004691	0.284914973	-1.57630236	1.7665733	260	52
'Occipital_Mid_R'	-0.02260615	0.299103422	-1.78434243	2.194922368	286	57.2
'Occipital_Sup_L'	-0.05068638	0.334619355	-1.73320439	2.230272588	279	55.8
'Occipital_Sup_R'	-0.00155255	0.338438702	-2.84144738	1.852511903	282	56.4

'Olfactory_L'	-0.02808271	0.209851662	-1.3120861	1.119291431	320	64
'Olfactory_R'	-0.00437755	0.220960544	-1.33198291	1.075981613	321	64.2
'Pallidum_L'	-0.01909378	0.186484673	-1.02673594	1.2425988	324	64.8
'Pallidum_R'	0.020604626	0.195624666	-0.95177619	1.10758029	304	60.8
'ParaHippocampal_L'	-0.00505226	0.273210714	-1.5313744	1.591484376	287	57.4
'ParaHippocampal_R'	-0.00398048	0.187470611	-1.11520606	0.994123487	309	61.8
'Paracentral_Lobule_L'	0.035927651	0.285604444	-0.94667799	2.172278117	276	55.2
'Paracentral_Lobule_R'	-0.00303255	0.288786771	-1.59290158	1.51331879	316	63.2
'Parietal_Inf_L'	-0.01703795	0.279494146	-1.97517733	1.725521051	304	60.8
'Parietal_Inf_R'	0.016852538	0.252139429	-1.59608493	1.440135765	283	56.6
'Parietal_Sup_L'	-0.00076463	0.255048432	-1.97130682	1.624003038	281	56.2
'Parietal_Sup_R'	0.028881608	0.2378885	-1.07734276	1.617638083	289	57.8
'Postcentral_L'	0.029703724	0.264380678	-1.26695235	2.49945263	300	60
'Postcentral_R'	0.003998381	0.205645224	-1.47788368	1.344975435	267	53.4
'Precentral_L'	-0.01614183	0.298352532	-1.71082352	1.242337794	315	63
'Precentral_R'	-0.04324064	0.250199354	-1.79600485	1.362758493	303	60.6
'Precuneus_L'	0.005497195	0.294455183	-2.24630354	1.866129814	231	46.2
'Precuneus_R'	-0.00454691	0.284916509	-1.58304256	1.942987433	228	45.6
'Rectus_L'	0.014661754	0.22287508	-0.94467187	1.08760495	289	57.8
'Rectus_R'	0.021857424	0.236921446	-1.44098264	1.340999031	299	59.8
'Rolandic_Oper_L'	0.017760211	0.296799504	-1.58031533	1.967787516	255	51
'Rolandic_Oper_R'	-0.01400244	0.275987563	-1.58537299	2.050448545	234	46.8
'Supp_Motor_Area_L'	0.00553219	0.257379931	-0.89200154	1.951648056	268	53.6
'Supp_Motor_Area_R'	-0.0299753	0.244450244	-1.76089277	1.300487475	267	53.4
'SupraMarginal_L'	0.007760882	0.218780222	-1.44226005	1.429234302	316	63.2
'SupraMarginal_R'	0.051398878	0.275547983	-0.93538801	1.226245613	312	62.4
'Temporal_Inf_L'	0.004358407	0.24339576	-1.29990568	1.521852314	310	62
'Temporal_Inf_R'	0.020493947	0.270274377	-1.63719991	1.19686881	299	59.8
'Temporal_Mid_L'	0.041902794	0.21794495	-1.12427611	1.252913483	307	61.4
'Temporal_Mid_R'	-0.037248	0.26090845	-1.74172866	1.456142985	309	61.8
'Temporal_Pole_Mid_L'	-0.00753668	0.172088822	-1.0394102	1.132066782	330	66
'Temporal_Pole_Mid_R'	0.016015366	0.214671151	-0.77911774	1.385403215	338	67.6
'Temporal_Pole_Sup_L'	-0.01359123	0.249276441	-1.13327633	1.473425694	288	57.6
'Temporal_Pole_Sup_R'	-0.01509624	0.302572682	-2.50853811	1.184782978	296	59.2
'Temporal_Sup_L'	-0.04832467	0.308413342	-1.80966333	2.129574902	269	53.8
'Temporal_Sup_R'	-0.01771928	0.275716204	-1.78796738	1.650363315	242	48.4
'Thalamus_L'	-0.03194817	0.257854621	-1.4646791	1.300869791	324	64.8
'Thalamus_R'	0.015674894	0.226728913	-1.1524458	1.334343649	307	61.4
'site1'	0.001041303	0.083042844	-0.25071796	0.284695601	426	85.2
'site2'	-0.00481683	0.079492502	-0.32974406	0.291639484	409	81.8
'site3'	-0.00641367	0.078353675	-0.25068988	0.275423703	416	83.2
'site4'	0.001891443	0.084949424	-0.34817009	0.287965976	424	84.8
'site5'	-0.00576546	0.082865151	-0.33281794	0.276322739	417	83.4
'site6'	0.014737125	0.088659034	-0.28972204	0.339108307	398	79.6
'site7'	0.00703613	0.103702917	-0.4885776	0.445429808	409	81.8
'sex'	0.003408113	0.085183426	-0.27316057	0.284508907	413	82.6
'pds'	-0.0008107	0.083804856	-0.24707591	0.289988314	423	84.6
'alcohol'	0.007843497	0.073897768	-0.26993166	0.266930904	410	82
'cannabis'	0.000709038	0.076946621	-0.19967839	0.254321343	420	84

Elastic Net Parameters

	<i>Mode</i>	<i>Min</i>	<i>Max</i>	<i>mean</i>
Alpha	0.2575	0.01	1	0.43174
Lambda	0.000212393	0.000212393	23.59546298	0.31306284