

Results from Machine Learning Analysis for the left Ventral Striatum Seed

Variable Name	mean beta	SD beta	min beta	max beta	n folds	% folds
'intercept'	-0.000664792	0.02421123	-0.060417779	0.07294737	500	100
'L_Caudate'	-0.269199322	0.36439807	-1.865978577	0	399	79.8
'R_Caudate'	0.189115923	0.29837066	0	1.49503549	297	59.4
'L_Putamen'	0.128402193	0.24429875	-0.031716872	1.36677959	195	39
'R_Putamen'	0.069613698	0.12672834	-0.234198491	1.03773566	282	56.4
'subthalamic_nucleus_R'	0.0012348	0.02732762	-0.138416094	0.11781134	314	62.8
'subthalamic_nucleus_L'	0.010876977	0.03177919	-0.091421214	0.17690916	351	70.2
'right_cerebellum'	0.139382454	0.14558475	0	0.83176553	418	83.6
'left_cerebellum'	-0.084246673	0.13919341	-0.713938906	0.02064381	242	48.4
'Amygdala_L'	0.000109636	0.05877681	-0.345066128	0.51467871	176	35.2
'Amygdala_R'	0.082154342	0.10306865	-0.244447346	0.66629789	367	73.4
'Angular_L'	0.007817584	0.07703994	-0.683759122	0.5729102	187	37.4
'Angular_R'	0.087098791	0.15934498	-0.162120105	0.82994466	227	45.4
'Calcarine_L'	0.034461334	0.21197451	-0.356978229	1.8601707	226	45.2
'Calcarine_R'	-0.144397718	0.21414135	-1.188763357	0.08652246	369	73.8
'Cingulum_Ant_L'	-0.023736116	0.12177634	-0.857624963	0.52869729	142	28.4
'Cingulum_Ant_R'	0.129075898	0.22851507	-0.009910548	1.42060829	287	57.4
'Cingulum_Mid_L'	0.108635957	0.36880527	-0.177034438	2.83045872	141	28.2
'Cingulum_Mid_R'	-0.180626208	0.40685808	-2.759964486	0.02140236	244	48.8
'Cingulum_Post_L'	-0.044687073	0.17373969	-1.193561297	0.21579926	264	52.8
'Cingulum_Post_R'	0.238091363	0.25248406	0	1.64014854	443	88.6
'Cuneus_L'	0.068041208	0.19686089	-0.022378921	1.46489685	172	34.4
'Cuneus_R'	-0.093249423	0.22118806	-1.889569854	0.12787866	170	34
'Frontal_Inf_Oper_L'	-0.012127592	0.08692595	-0.50034622	0.40233234	206	41.2
'Frontal_Inf_Oper_R'	-0.02007581	0.0975673	-0.842539667	0.48182839	331	66.2
'Frontal_Inf_Orb_L'	-0.084177086	0.17328632	-1.231304229	0.13607589	253	50.6
'Frontal_Inf_Orb_R'	-0.099644953	0.11123774	-0.502532224	0.78115575	459	91.8
'Frontal_Inf_Tri_L'	0.117327402	0.25545805	-0.049408023	1.63075236	236	47.2
'Frontal_Inf_Tri_R'	-0.14923445	0.20664222	-1.220894151	0	419	83.8
'Frontal_Med_Orb_L'	0.027687615	0.11472836	-0.410651409	0.93672495	266	53.2
'Frontal_Med_Orb_R'	0.011799478	0.1192352	-0.94598311	0.38455079	341	68.2
'Frontal_Mid_L'	-0.156560035	0.37849787	-2.322190064	0.10629052	208	41.6
'Frontal_Mid_Orb_L'	0.001696612	0.06233769	-0.312801363	0.40476374	251	50.2
'Frontal_Mid_Orb_R'	-0.013131741	0.05753605	-0.457703919	0.23957127	230	46
'Frontal_Mid_R'	0.115172653	0.22748927	-0.042774695	1.3157935	227	45.4
'Frontal_Sup_L'	0.281879122	0.51366381	0	2.91929818	292	58.4
'Frontal_Sup_Medial_L'	-0.032078287	0.13500141	-1.505114599	0.66896463	150	30
'Frontal_Sup_Medial_R'	-0.119693958	0.2132837	-1.29950672	0.7015027	237	47.4
'Frontal_Sup_Orb_L'	-0.005361484	0.12322889	-0.962419806	0.3334359	278	55.6
'Frontal_Sup_Orb_R'	0.01442825	0.08682192	-0.358595546	0.79383628	225	45
'Frontal_Sup_R'	-0.091996662	0.23634312	-1.861283971	0.03536076	178	35.6
'Fusiform_L'	0.018955999	0.1143986	-0.650139769	0.90431163	135	27
'Fusiform_R'	0.06009163	0.14923565	-0.724076781	1.12792319	248	49.6
'Heschl_L'	0.128426976	0.24462944	-0.016711631	1.34780546	249	49.8
'Heschl_R'	-0.023985003	0.12118754	-1.079749141	0.24784548	195	39
'Hippocampus_L'	0.001664246	0.07884195	-0.441137087	0.43183831	160	32
'Hippocampus_R'	0.061712337	0.11484872	-0.120103591	0.93780581	295	59
'Insula_L'	-0.051855646	0.11625902	-0.769283379	0.64929491	303	60.6
'Insula_R'	-0.051446191	0.12744557	-1.032387301	0.52840777	253	50.6
'Lingual_L'	-0.19665669	0.259378	-2.313888851	0	413	82.6
'Lingual_R'	-0.0416774	0.12808127	-0.648181057	0.89366306	318	63.6
'Occipital_Inf_L'	0.072290561	0.10633998	-0.094436718	0.6895891	333	66.6
'Occipital_Inf_R'	-0.068126956	0.13056855	-0.926581018	0.04909046	218	43.6
'Occipital_Mid_L'	0.0923265	0.12681443	-0.344182314	0.64698385	371	74.2
'Occipital_Mid_R'	0.07047126	0.16222731	-0.335350856	1.2242902	260	52
'Occipital_Sup_L'	0.095607168	0.16899707	-0.595869239	0.90195731	274	54.8
'Occipital_Sup_R'	-0.041487268	0.12577811	-0.958747565	0.11802686	159	31.8

'Olfactory_L'	-0.077905166	0.11500387	-0.543766294	0.3240255	304	60.8
'Olfactory_R'	0.08279636	0.11963754	-0.518085468	0.67728352	374	74.8
'Pallidum_L'	-0.124571842	0.17604143	-0.960817502	0	339	67.8
'Pallidum_R'	-0.005502837	0.08012584	-0.562080301	0.31496173	231	46.2
'ParaHippocampal_L'	0.006429895	0.08529437	-0.646374009	0.59748994	165	33
'ParaHippocampal_R'	0.004046205	0.15432243	-0.850339812	0.76311704	355	71
'Paracentral_Lobule_L'	0.059562163	0.12849373	-0.308443358	0.96254021	207	41.4
'Paracentral_Lobule_R'	0.034928939	0.07699706	-0.303764994	0.43853618	270	54
'Parietal_Inf_L'	-0.201453288	0.17673214	-0.850836132	0	420	84
'Parietal_Inf_R'	-0.066747758	0.12201101	-0.753144025	0.38642049	342	68.4
'Parietal_Sup_L'	-0.08105421	0.17086698	-1.106141859	0.9039645	262	52.4
'Parietal_Sup_R'	0.099931094	0.14013406	-0.089632885	0.72307136	316	63.2
'Postcentral_L'	-0.129085609	0.21068998	-1.644001575	0	376	75.2
'Postcentral_R'	-0.02171427	0.11351401	-0.999512428	0.39110619	131	26.2
'Precentral_L'	0.003644143	0.10426911	-0.415772438	0.77675327	161	32.2
'Precentral_R'	0.098993821	0.21504117	-0.083929645	1.2398262	222	44.4
'Precuneus_L'	-0.406297239	0.79828004	-4.412209562	0.01113921	212	42.4
'Precuneus_R'	0.394012764	0.69780057	0	3.59835115	335	67
'Rectus_L'	0.04743703	0.12738927	-0.394340542	0.73023084	217	43.4
'Rectus_R'	0.105535836	0.09972341	-0.283194419	0.63906067	466	93.2
'Rolandic_Oper_L'	-0.078031475	0.1850169	-1.207118588	0.17028111	204	40.8
'Rolandic_Oper_R'	0.046889837	0.14825763	-0.182866637	1.30225155	201	40.2
'Supp_Motor_Area_L'	-0.024840366	0.10391355	-1.227477694	0.28717519	205	41
'Supp_Motor_Area_R'	-0.088380144	0.16863551	-0.943419489	0.26899686	259	51.8
'SupraMarginal_L'	0.381903658	0.40527636	0	1.76658957	424	84.8
'SupraMarginal_R'	-0.185887603	0.24798421	-1.211982897	0	397	79.4
'Temporal_Inf_L'	0.106054854	0.17775257	-0.010167571	0.90153947	259	51.8
'Temporal_Inf_R'	0.204205215	0.20516072	-0.081598685	1.0449992	412	82.4
'Temporal_Mid_L'	-0.081342169	0.14301689	-0.845911434	0.55511817	246	49.2
'Temporal_Mid_R'	-0.150980332	0.20102524	-1.147859763	0	361	72.2
'Temporal_Pole_Mid_L'	-0.281831528	0.3153413	-1.555754309	0	425	85
'Temporal_Pole_Mid_R'	-0.097130859	0.10610209	-0.565710487	0.41610092	400	80
'Temporal_Pole_Sup_L'	0.254021803	0.43328723	-0.045823403	2.08408717	233	46.6
'Temporal_Pole_Sup_R'	-0.012633337	0.08377472	-0.338558386	0.68465085	289	57.8
'Temporal_Sup_L'	-0.197316879	0.36052106	-1.868351648	0.00859386	243	48.6
'Temporal_Sup_R'	-0.040833113	0.12735382	-0.621982356	0.70821078	344	68.8
'Thalamus_L'	0.07968766	0.18158908	-0.098727306	1.05477269	209	41.8
'Thalamus_R'	-0.048410911	0.13039315	-0.778840868	0.201966	176	35.2
'site1'	-0.117627588	0.03983732	-0.267024418	0.01034596	500	100
'site2'	-0.184142649	0.08832917	-0.380807306	0	497	99.4
'site3'	-0.057531123	0.04124554	-0.180217056	0.10241859	468	93.6
'site4'	-0.027037746	0.03756144	-0.1808829	0.12859285	351	70.2
'site5'	-0.047690002	0.06099847	-0.269708002	0.06587568	327	65.4
'site6'	0.10089485	0.05195023	0	0.33334802	496	99.2
'site7'	-0.087802616	0.06180458	-0.259721693	0.07381764	436	87.2
'sex'	0.028374904	0.03611192	-0.12775358	0.12960093	423	84.6
'pds'	0.050829391	0.0376001	-0.043857975	0.2407832	481	96.2
'alcohol'	0.209841385	0.05630131	0.023643424	0.35970865	500	100
'cannabis'	0.274783195	0.06420816	0.029547718	0.38004205	500	100

Elastic Net Parameters

	<i>Mode</i>	<i>Min</i>	<i>Max</i>	<i>mean</i>
<i>Alpha</i>	0.2575	0.01	1	0.449
<i>Lambda</i>	0.00032	0.00032	5.838	0.227