

Results from Machine Learning Analysis for the right Ventral Striatum Seed

Variable Name	mean beta	SD beta	min beta	max beta	n folds	% folds
intercept'	-0.00035401	0.021678711	-0.063029925	0.06894256	500	100
'L_Caudate'	-0.00561143	0.05172734	-0.419902759	0.199119872	165	33
'R_Caudate'	0.076430467	0.085146894	-0.306844881	0.539278923	406	81.2
'L_Putamen'	0.14769699	0.239943822	-0.051417452	1.278579895	272	54.4
'R_Putamen'	0.003680199	0.084190549	-0.899341249	0.657836054	174	34.8
'subthalamic_nucleus_R'	0.01394934	0.028402689	-0.090294112	0.158738677	372	74.4
'subthalamic_nucleus_L'	0.009203375	0.037516884	-0.149974837	0.118420306	428	85.6
'right_cerebellum'	-0.14478685	0.114933291	-0.670174327	0	464	92.8
'left_cerebellum'	0.025143161	0.094391544	-0.269302108	0.412568618	285	57
'Amygdala_L'	-0.00220004	0.06128474	-0.300210381	0.429089735	239	47.8
'Amygdala_R'	0.323618142	0.304462337	-0.002953955	1.641241625	452	90.4
'Angular_L'	0.021043332	0.078939195	-0.17806642	0.508605363	227	45.4
'Angular_R'	-0.13826163	0.140963783	-0.893125545	0	448	89.6
'Calcarine_L'	0.011698235	0.101538319	-0.449333428	0.815083589	139	27.8
'Calcarine_R'	-0.01005587	0.09066106	-0.914689689	0.342058675	158	31.6
'Cingulum_Ant_L'	0.109704932	0.205733066	-0.353509975	0.974553822	208	41.6
'Cingulum_Ant_R'	0.129539841	0.181179725	-0.011913316	0.977825362	357	71.4
'Cingulum_Mid_L'	0.181304804	0.393732275	-0.018926162	2.280926134	235	47
'Cingulum_Mid_R'	-0.25443721	0.517940747	-2.81454835	0.025311131	213	42.6
'Cingulum_Post_L'	0.184890638	0.182016852	-0.317699311	0.961977985	440	88
'Cingulum_Post_R'	0.096673042	0.130733192	-0.312861266	1.05305502	377	75.4
'Cuneus_L'	0.044749477	0.129410294	-0.407659425	0.899425537	221	44.2
'Cuneus_R'	0.016430824	0.133245315	-1.064762517	0.864776279	164	32.8
'Frontal_Inf_Oper_L'	-0.02401142	0.089741821	-0.375991001	0.503227721	317	63.4
'Frontal_Inf_Oper_R'	-0.17654226	0.192936102	-1.216799186	0.03159614	462	92.4
'Frontal_Inf_Orb_L'	-0.03814034	0.123400915	-0.427047408	1.174131883	357	71.4
'Frontal_Inf_Orb_R'	-0.15871405	0.20350552	-1.186971077	0.027774972	400	80
'Frontal_Inf_Tri_L'	-0.01812334	0.072271817	-0.616775423	0.37365244	249	49.8
'Frontal_Inf_Tri_R'	0.070731166	0.147343757	-0.051393432	1.012283108	229	45.8
'Frontal_Med_Orb_L'	-0.0860163	0.164884733	-0.967187141	0.718773301	271	54.2
'Frontal_Med_Orb_R'	-0.02508969	0.123166905	-1.07264907	0.489156738	217	43.4
'Frontal_Mid_L'	-0.15716468	0.248526502	-1.451381901	0.014269052	319	63.8
'Frontal_Mid_Orb_L'	0.077774516	0.093728757	-0.258780333	0.497228176	423	84.6
'Frontal_Mid_Orb_R'	0.031933929	0.065023593	-0.21907828	0.467629347	278	55.6
'Frontal_Mid_R'	0.14625876	0.251143346	0	1.384701905	300	60
'Frontal_Sup_L'	0.254277285	0.444065027	-0.039524616	2.186128348	244	48.8
'Frontal_Sup_Medial_L'	-0.25108741	0.324959049	-1.800625571	0	433	86.6
'Frontal_Sup_Medial_R'	0.048220165	0.20079188	-0.282550605	1.618136596	143	28.6
'Frontal_Sup_Orb_L'	-0.04024617	0.092451054	-0.587345281	0.172180425	203	40.6
'Frontal_Sup_Orb_R'	0.191404749	0.166906645	0	1.061986907	468	93.6
'Frontal_Sup_R'	-0.19309775	0.412537938	-2.290636393	0.056357957	243	48.6
'Fusiform_L'	-0.1355183	0.229388305	-1.219073428	0.239941353	308	61.6
'Fusiform_R'	0.18398544	0.338614443	-0.014013172	1.609108492	217	43.4
'Heschl_L'	0.01817109	0.166005587	-0.957436254	0.255024067	417	83.4
'Heschl_R'	0.101523995	0.154480603	-0.066196408	1.008997991	331	66.2
'Hippocampus_L'	0.088781916	0.200263712	-0.343521376	1.35461466	200	40
'Hippocampus_R'	-0.070455	0.157856377	-1.062090391	0.072777522	197	39.4
'Insula_L'	-0.13630412	0.258136015	-1.622815537	0	246	49.2
'Insula_R'	-0.04376528	0.140939763	-0.939831044	1.385308566	240	48
'Lingual_L'	-0.1000605	0.134661067	-0.957412894	0.745247512	413	82.6
'Lingual_R'	-0.19941858	0.306050338	-1.646663254	0	358	71.6
'Occipital_Inf_L'	0.0172345	0.080532934	-0.462374276	0.47321829	296	59.2
'Occipital_Inf_R'	0.045420026	0.083660965	-0.354684402	0.541997977	350	70
'Occipital_Mid_L'	0.186341893	0.265387161	0	1.540766603	364	72.8
'Occipital_Mid_R'	0.062154103	0.142049076	-0.310346747	1.165203612	203	40.6
'Occipital_Sup_L'	-0.03477697	0.104736402	-0.75976053	0.433777871	219	43.8
'Occipital_Sup_R'	-0.24578076	0.318652924	-1.530197422	0	415	83

'Olfactory_L'	-0.32531546	0.24270273	-1.265519106	0	467	93.4
'Olfactory_R'	0.101760763	0.141061809	-0.258416693	0.835667409	346	69.2
'Pallidum_L'	-0.04632437	0.119081952	-0.912613507	0.229922492	198	39.6
'Pallidum_R'	0.004799321	0.092948112	-0.677959829	0.322125808	302	60.4
'ParaHippocampal_L'	0.037523389	0.12361485	-0.341855919	0.927737238	234	46.8
'ParaHippocampal_R'	-0.06914339	0.157741412	-0.756600954	0.13771822	214	42.8
'Paracentral_Lobule_L'	0.070177988	0.157806255	-0.166254757	1.165090294	226	45.2
'Paracentral_Lobule_R'	-0.0618795	0.138548646	-0.92986546	0.26517326	215	43
'Parietal_Inf_L'	-0.03612293	0.107598607	-0.507123904	0.977436548	374	74.8
'Parietal_Inf_R'	-0.01375381	0.103624048	-0.520530469	0.577751797	314	62.8
'Parietal_Sup_L'	-0.03476074	0.108552879	-0.777638705	0.885701181	347	69.4
'Parietal_Sup_R'	0.162611263	0.186889004	-0.000472746	1.14699033	404	80.8
'Postcentral_L'	-0.03962432	0.129700261	-0.692042434	0.895341902	241	48.2
'Postcentral_R'	-0.0366454	0.165932271	-1.645125506	0.225145468	208	41.6
'Precentral_L'	-0.19069689	0.364242054	-2.55788779	0.013332354	227	45.4
'Precentral_R'	0.337865102	0.289967916	0	1.602558753	468	93.6
'Precuneus_L'	-0.37003809	0.618087356	-3.393312906	0	390	78
'Precuneus_R'	0.349877766	0.609579068	-0.013608758	3.108541472	221	44.2
'Rectus_L'	-0.04327764	0.103638728	-0.51334621	0.493325331	247	49.4
'Rectus_R'	0.305842844	0.205280784	0.008604488	1.21687177	500	100
'Rolandic_Oper_L'	0.217419198	0.360007221	0	1.970496958	240	48
'Rolandic_Oper_R'	-0.12970706	0.226699245	-1.669921681	0.013222523	288	57.6
'Supp_Motor_Area_L'	0.014704127	0.173164166	-1.701870129	0.462623226	320	64
'Supp_Motor_Area_R'	0.159979495	0.322730443	-0.00215426	2.323980325	334	66.8
'SupraMarginal_L'	0.004915489	0.068975712	-0.345001475	0.442210763	192	38.4
'SupraMarginal_R'	-0.31111317	0.225422175	-1.160777856	0	477	95.4
'Temporal_Inf_L'	-0.00938161	0.114748633	-0.447417334	0.707070169	199	39.8
'Temporal_Inf_R'	-0.08637625	0.17319448	-0.989616539	0.127967328	219	43.8
'Temporal_Mid_L'	-0.10376724	0.196890788	-1.109223603	0.188008098	245	49
'Temporal_Mid_R'	0.048459727	0.140279227	-0.450097269	0.87932886	217	43.4
'Temporal_Pole_Mid_L'	0.140706119	0.16336719	-0.064688842	0.909058823	400	80
'Temporal_Pole_Mid_R'	-0.14623208	0.173663137	-0.812621454	0	422	84.4
'Temporal_Pole_Sup_L'	-0.04564624	0.133111989	-1.087990997	0.47331229	234	46.8
'Temporal_Pole_Sup_R'	-0.20432711	0.158585846	-0.688160391	1.01533952	480	96
'Temporal_Sup_L'	-0.0275966	0.137358654	-1.652963572	0.37643533	175	35
'Temporal_Sup_R'	0.06877871	0.189666448	-0.118403255	1.156786919	219	43.8
'Thalamus_L'	0.026211529	0.091742907	-0.499470202	0.558594214	260	52
'Thalamus_R'	0.150037103	0.140421005	0	0.949364152	448	89.6
'site1'	-0.15608657	0.044335405	-0.329855494	-0.011448821	500	100
'site2'	-0.18867677	0.072248067	-0.39340933	0	499	99.8
'site3'	-0.03614827	0.038537339	-0.203874616	0.11627628	469	93.8
'site4'	-0.02387653	0.046216639	-0.190903717	0.115456384	344	68.8
'site5'	-0.09217971	0.087568999	-0.365889419	0.023787615	444	88.8
'site6'	-0.00957854	0.0679228	-0.281106336	0.127591951	447	89.4
'site7'	-0.14567518	0.089111593	-0.409523178	0.0003922	469	93.8
'sex'	0.081491503	0.048107673	-0.004177571	0.261627602	476	95.2
'pds'	0.029168815	0.037645799	-0.097721342	0.140924382	454	90.8
'alcohol'	0.183660481	0.041392299	0.025499852	0.331285429	500	100
'cannabis'	0.321810698	0.071889569	0.036895148	0.456394776	500	100

Elastic Net Parameters

	<i>Mode</i>	<i>Min</i>	<i>Max</i>	<i>mean</i>
Alpha	0.2575	0.01	1	0.46837
Lambda	0.0003255	0.0003255	5.8365704	0.1317565