

Impact of Each Feature on the Prediction Variable

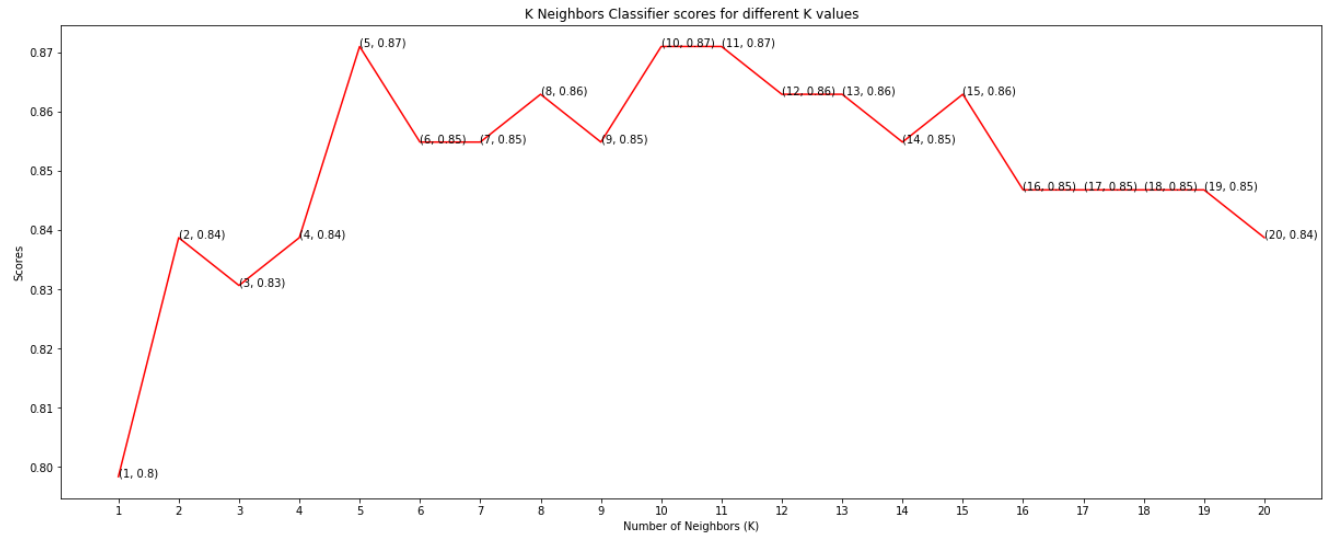
Delay	-0.007311
Gender (Male)	0.068131
Gender (Female)	-0.068131
Age	0.042020
Mini Mental State Examination	0.056126
Clinical Dementia Rating	0.393081
Estimated Total Intracranial Volume	-0.430935
Normalize Whole Brain Volume	-0.062057
Atlas Scaling Factor	-0.336954

Statistics of Data

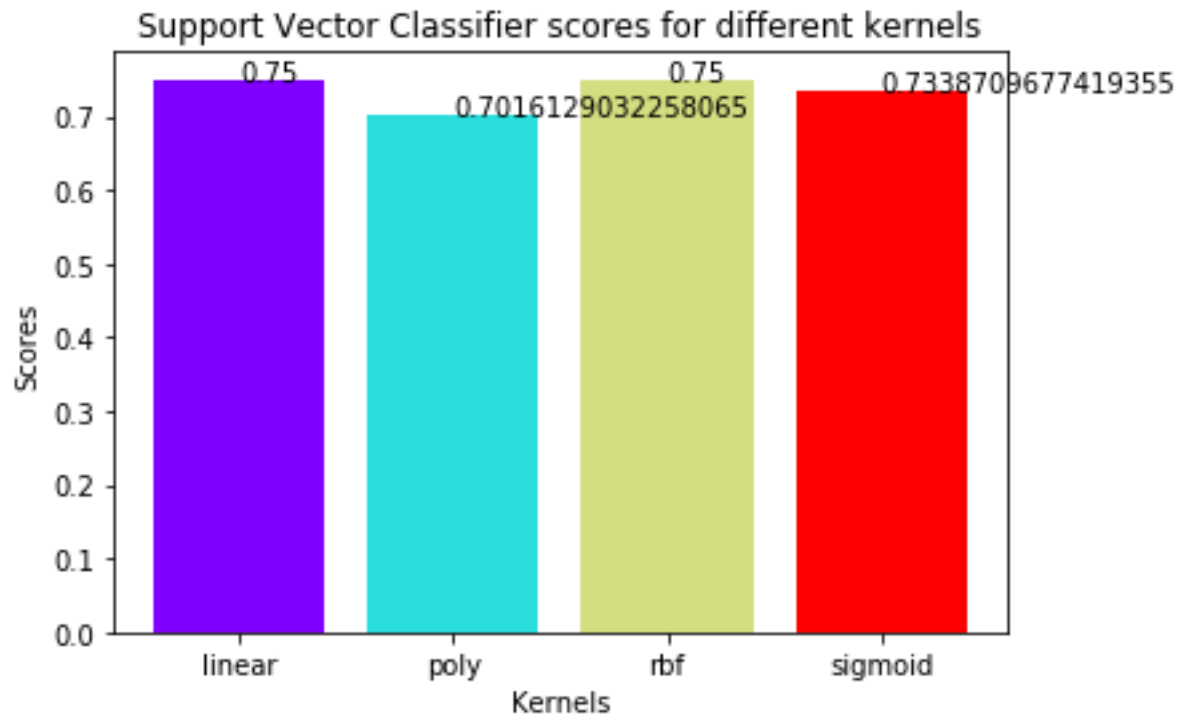
	Target	Delay	Age	EDUC	MMSE	CDR	eTIV	nWBV	ASO	Visit_1
count	373	3.73E+02	3.73E+02	3.73E+02	3.73E+02	3.73E+02	3.73E+02	3.73E+02	3.73E+02	373
mean	0.589812	-3.27E-17	-4.26E-16	-8.27E-17	6.44E-16	-4.94E-17	7.62E-17	-4.47E-16	8.34E-16	0.402145
std	0.664461	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	0.490989
min	0	-9.38E-01	-2.23E+00	-2.99E+00	-6.36E+00	-7.78E-01	-2.17E+00	-2.31E+00	-2.32E+00	0
25%	0	-9.38E-01	-7.88E-01	-9.04E-01	-9.28E-02	-7.78E-01	-7.45E-01	-7.97E-01	-6.99E-01	0
50%	0	-6.79E-02	-1.76E-03	1.40E-01	4.52E-01	-7.78E-01	-1.03E-01	-1.53E-02	-1.06E-02	0
75%	1	4.38E-01	6.53E-01	4.88E-01	7.25E-01	5.59E-01	6.19E-01	7.13E-01	7.07E-01	1
max	2	3.22E+00	2.75E+00	2.93E+00	7.25E-01	4.57E+00	2.93E+00	2.90E+00	2.84E+00	1

[illegible]

Accuracy Scores of KNN Algorithm when Number of Neighbors Changed



Accuracy Scores of SVM when Different Kernels were used



Error Values for Each Algorithm

	Linear Regression	K-Nearest Neighbors	Support Vector Machine
Root Mean Square Error	0.30399743103099924	0.2839809171235324	0.2978416985906353