

Results

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0.1 Original

	Class0	Class1
Class0	372	14
Class1	118	29

Table 1: Confusion Matrix for linear Kernel

	Class0	Class1
Class0	376	10
Class1	119	28

Table 2: Confusion Matrix for radial Kernel

	Class0	Class1
Class0	374	12
Class1	120	27

Table 3: Confusion Matrix for polynomial Kernel

	Class0	Class1
Class0	338	48
Class1	119	28

Table 4: Confusion Matrix for sigmoid Kernel

0.2 Undersampling

	Class0	Class1
Class0	73	74
Class1	19	128

Table 5: Confusion Matrix for linear Kernel

	Class0	Class1
Class0	83	64
Class1	28	119

Table 6: Confusion Matrix for radial Kernel

	Class0	Class1
Class0	68	79
Class1	17	130

Table 7: Confusion Matrix for polynomial Kernel

	Class0	Class1
Class0	79	68
Class1	39	108

Table 8: Confusion Matrix for sigmoid Kernel

0.3 Oversampling

	Class0	Class1
Class0	207	179
Class1	68	318

Table 9: Confusion Matrix for linear Kernel

	Class0	Class1
Class0	215	171
Class1	66	320

Table 10: Confusion Matrix for radial Kernel

	Class0	Class1
Class0	206	180
Class1	56	330

Table 11: Confusion Matrix for polynomial Kernel

	Class0	Class1
Class0	209	177
Class1	133	253

Table 12: Confusion Matrix for sigmoid Kernel

0.4 Smote

	Class0	Class1
Class0	207	179
Class1	47	248

Table 13: Confusion Matrix for linear Kernel

	Class0	Class1
Class0	269	117
Class1	99	196

Table 14: Confusion Matrix for radial Kernel

	Class0	Class1
Class0	268	118
Class1	96	199

Table 15: Confusion Matrix for polynomial Kernel

	Class0	Class1
Class0	207	179
Class1	99	196

Table 16: Confusion Matrix for sigmoid Kernel

0.5 PCA

	Class0	Class1
Class0	372	14
Class1	118	29

Table 17: Confusion Matrix for linear Kernel

	Class0	Class1
Class0	376	10
Class1	120	27

Table 18: Confusion Matrix for radial Kernel

	Class0	Class1
Class0	371	15
Class1	120	27

Table 19: Confusion Matrix for polynomial Kernel

	Class0	Class1
Class0	302	84
Class	103	44

Table 20: Confusion Matrix for sigmoid Kernel

0.6 Whitening transformation

	Class0	Class1
Class0	372	14
Class1	118	29

Table 21: Confusion Matrix for linear Kernel

	Class0	Class1
Class0	376	10
Class1	120	27

Table 22: Confusion Matrix for radial Kernel

	Class0	Class1
Class0	371	15
Class1	120	27

Table 23: Confusion Matrix for polynomial Kernel

	Class0	Class1
Class0	302	84
Class1	103	44

Table 24: Confusion Matrix for sigmoid Kernel