

Datasets	Sparse Kernel AUC	Kernel rankSVM	$OILK_{RS}$	AdaOAM
sonar	0.914 ± 0.043 (105)	0.951 ± 0.029 (167)	$0.929 \pm .039$	-
glass	0.871 ± 0.054 (150)	0.881 ± 0.051 (171)	-	0.816 ± 0.058
ionosphere	0.980 ± 0.017 (182)	0.987 ± 0.014 (281)	0.954 ± 0.021	-
balance	1.000 ± 0.000 (6)	1.000 ± 0.000 (500)	-	0.579 ± 0.106
australian	0.913 ± 0.034 (256)	0.930 ± 0.020 (552)	0.925 ± 0.021	0.927 ± 0.016
vechile	0.977 ± 0.022 (431)	0.995 ± 0.002 (677)	-	0.818 ± 0.026
fourclass	0.999 ± 0.000 (108)	1.000 ± 0.000 (690)	0.829 ± 0.036	-
svmguide3	0.823 ± 0.027 (216)	0.824 ± 0.026 (995)	-	0.734 ± 0.038
a2a	0.880 ± 0.009 (64)	0.880 ± 0.010 (1741)	-	0.873 ± 0.019
magic04	0.874 ± 0.023 (182)	0.894 ± 0.007 (15124)	-	0.798 ± 0.007