

Dataset		#Bits				
		4	8	16	32	64*
Splice	Base	87.03 \pm 3.73	93.49 \pm 0.69	93.66 \pm 0.77	93.66 \pm 0.77	93.66 \pm 0.77
	Log.	88.51 \pm 0.59	93.82 \pm 0.57	93.70 \pm 0.67	93.70 \pm 0.67	93.70 \pm 0.67
Waveform	Base	78.41 \pm 1.14	78.84 \pm 1.71	78.84 \pm 1.71	78.84 \pm 1.71	78.84 \pm 1.71
	Log.	78.31 \pm 1.02	78.90 \pm 1.12	78.90 \pm 1.12	78.90 \pm 1.12	78.90 \pm 1.12
Pendigits	Base	84.96 \pm 0.59	85.94 \pm 0.64	85.15 \pm 0.54	85.15 \pm 0.54	85.15 \pm 0.54
	Log.	84.96 \pm 0.57	85.94 \pm 0.59	85.22 \pm 0.58	85.22 \pm 0.58	85.22 \pm 0.58
Parkinsons	Base	64.64 \pm 5.08	69.25 \pm 5.35	69.41 \pm 5.26	69.58 \pm 5.43	69.58 \pm 5.43
	Log.	66.20 \pm 8.77	69.26 \pm 7.84	70.29 \pm 7.32	70.29 \pm 7.32	70.12 \pm 7.37
CorrAL100	Base	85.93 \pm 0.48	85.75 \pm 0.62	85.68 \pm 0.52	86.26 \pm 0.46	86.26 \pm 0.46
	Log.	85.41 \pm 0.64	85.75 \pm 0.69	86.11 \pm 0.62	86.06 \pm 0.63	86.27 \pm 0.57
Connect4	Base	62.99 \pm 0.61	62.82 \pm 0.77	65.37 \pm 0.39	65.37 \pm 0.39	65.37 \pm 0.39
	Log.	63.63 \pm 0.83	62.45 \pm 1.08	63.76 \pm 0.94	63.76 \pm 0.88	65.44 \pm 0.36
Congress	Base	91.80 \pm 2.24	91.72 \pm 2.36	91.72 \pm 2.36	91.72 \pm 2.36	91.72 \pm 2.36
	Log.	92.03 \pm 2.54	91.87 \pm 2.19	91.87 \pm 2.09	91.87 \pm 2.09	91.80 \pm 2.22

Classification accuracy (%) and standard deviation for the base and logarithmic division versions of the JMI method on low-dimensional datasets for 15-top selected features. Results for Naive-Bayes classifier.