Dataset		#Bits				
		4	8	16	32	64*
Splice	Base	91.42 ± 0.59	93.30 ± 0.75	93.69 ± 0.73	93.70 ± 0.74	93.70 ± 0.74
	Log.	91.90 ± 0.61	92.97 ± 0.64	93.75 ± 0.64	93.72 ± 0.62	93.67 ± 0.64
Waveform	Base	78.35 ± 1.70	78.43 ± 2.15	78.84 ± 1.71	78.84 ± 1.71	78.84 ± 1.71
	Log.	77.84 ± 1.25	78.90 ± 1.12	78.90 ± 1.12	78.90 ± 1.12	78.90 ± 1.12
Pendigits	Base	84.96 ± 0.59	85.51 ± 0.63	83.32 ± 0.72	83.32 ± 0.72	83.32 ± 0.72
	Log.	84.96 ± 0.57	85.42 ± 0.52	83.35 ± 0.78	83.35 ± 0.78	83.35 ± 0.78
Parkinsons	Base	67.55 ± 5.50	68.73 ± 4.94	68.04 ± 4.88	68.04 ± 4.88	68.04 ± 4.88
	Log.	66.37 ± 10.43	68.75 ± 8.16	68.41 ± 7.91	68.75 ± 7.25	68.75 ± 7.35
CorrAL100	Base	85.38 ± 0.59	85.38 ± 0.59	85.55 ± 0.66	86.26 ± 0.44	86.26 ± 0.44
	Log.	85.41 ± 0.64	85.68 ± 0.71	85.74 ± 0.67	86.12 ± 0.59	86.27 ± 0.58
Connect4	Base	63.15 ± 0.21	61.84 ± 1.53	65.37 ± 0.39	65.37 ± 0.39	65.37 ± 0.39
	Log.	63.84 ± 0.51	62.51 ± 0.57	65.51 ± 0.40	65.51 ± 0.40	65.44 ± 0.36
Congress	Base	91.72 ± 2.36	91.72 ± 2.36	91.80 ± 2.24	91.80 ± 2.24	91.80 ± 2.24
	Log.	91.72 ± 2.20	91.80 ± 2.32	91.80 ± 2.32	91.80 ± 2.32	91.95 ± 2.20

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