

Dataset		#Bits				
		4	8	16	32	64*
Splice	Base	64.24 ± 1.68	91.81 ± 1.38	93.76 ± 0.88	93.74 ± 0.90	93.74 ± 0.90
	Log.	64.35 ± 1.57	92.66 ± 0.77	93.74 ± 0.69	93.76 ± 0.60	93.73 ± 0.64
Waveform	Base	78.96 ± 1.37	78.87 ± 1.13	78.82 ± 0.64	78.82 ± 0.64	78.82 ± 0.64
	Log.	78.87 ± 1.35	78.50 ± 1.34	78.75 ± 1.19	78.75 ± 1.19	78.75 ± 1.19
Pendigits	Base	85.04 ± 0.65	84.97 ± 0.50	84.97 ± 0.50	84.97 ± 0.50	84.97 ± 0.50
	Log.	85.04 ± 0.62	84.98 ± 0.67	84.98 ± 0.67	84.98 ± 0.67	84.98 ± 0.67
Parkinsons	Base	65.34 ± 7.71	67.05 ± 7.37	71.67 ± 7.14	71.32 ± 6.82	71.32 ± 6.82
	Log.	65.30 ± 5.21	68.20 ± 6.49	71.61 ± 6.74	71.61 ± 6.74	71.61 ± 6.74
CorrAL100	Base	81.66 ± 0.16	85.35 ± 0.58	85.50 ± 0.57	86.21 ± 0.42	86.20 ± 0.42
	Log.	81.66 ± 0.17	85.32 ± 0.57	85.46 ± 0.52	86.26 ± 0.40	86.25 ± 0.41
Connect4	Base	62.45 ± 0.27	63.18 ± 1.06	65.41 ± 0.66	65.32 ± 0.37	65.32 ± 0.37
	Log.	62.65 ± 0.38	63.45 ± 0.75	65.12 ± 0.56	65.43 ± 0.49	65.43 ± 0.49
Congress	Base	91.50 ± 2.63	92.03 ± 2.52	91.80 ± 2.55	91.65 ± 2.52	91.65 ± 2.52
	Log.	91.87 ± 2.42	91.88 ± 2.14	91.72 ± 2.04	91.95 ± 2.09	91.87 ± 2.08

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