Dataset		#Bits				
		4	8	16	32	64*
Splice	Base	92.68 ± 1.38	94.13 ± 0.68	94.32 ± 0.69	94.39 ± 0.60	94.39 ± 0.60
	Log.	93.35 ± 0.64	94.19 ± 0.76	94.51 ± 0.64	94.51 ± 0.64	94.53 ± 0.68
Waveform	Base	76.33 ± 0.73	77.15 ± 1.34	77.21 ± 0.90	77.21 ± 0.90	77.21 ± 0.90
	Log.	75.12 ± 2.11	77.39 ± 1.12	77.23 ± 1.16	77.23 ± 1.16	77.21 ± 1.18
Pendigits	Base	96.04 ± 0.54	95.98 ± 0.45	96.02 ± 0.46	96.02 ± 0.46	96.02 ± 0.46
	Log.	96.06 ± 0.47	95.90 ± 0.39	96.03 ± 0.45	96.06 ± 0.41	96.03 ± 0.45
Parkinsons	Base	85.46 ± 4.55	86.67 ± 4.04	89.21 ± 4.60	89.21 ± 4.60	89.21 ± 4.60
	Log.	83.93 ± 6.36	87.01 ± 4.51	86.65 ± 4.20	86.65 ± 4.20	87.00 ± 5.03
CorrAL100	Base	100.00 ± 0.00	100.00 ± 0.00	100.00 ± 0.00	100.00 ± 0.00	100.00 ± 0.00
	Log.	100.00 ± 0.00	100.00 ± 0.00	100.00 ± 0.00	100.00 ± 0.00	100.00 ± 0.00
Connect4	Base	71.13 ± 0.51	67.93 ± 1.05	69.53 ± 0.66	69.06 ± 0.75	69.06 ± 0.75
	Log.	73.46 ± 0.43	68.36 ± 0.51	70.85 ± 0.26	70.93 ± 0.24	69.00 ± 0.45
Congress	Base	96.48 ± 1.46	96.48 ± 1.23	96.32 ± 1.36	96.32 ± 1.36	96.32 ± 1.36
	Log.	95.33 ± 1.81	95.33 ± 1.86	95.33 ± 1.81	95.33 ± 1.81	95.17 ± 1.80

Classification accuracy (%) and standard deviation for the base and logarithmic division versions of the mRMR method on low-dimensional datasets for 15-top selected features. Results for C4.5 classifier.