Dataset		#Bits				
		4	8	16	32	64*
Splice	Base	88.85 ± 2.87	94.43 ± 0.60	94.39 ± 0.68	94.39 ± 0.68	94.39 ± 0.68
	Log.	90.47 ± 0.96	94.50 ± 0.55	94.53 ± 0.63	94.53 ± 0.63	94.53 ± 0.63
Waveform	Base	76.66 ± 1.32	77.12 ± 1.02	77.15 ± 0.97	77.17 ± 0.93	77.17 ± 0.93
	Log.	76.51 ± 0.82	77.31 ± 1.12	77.26 ± 1.21	77.23 ± 1.22	77.28 ± 1.18
Pendigits	Base	96.07 ± 0.51	96.09 ± 0.47	96.05 ± 0.45	96.05 ± 0.45	96.05 ± 0.45
	Log.	96.07 ± 0.47	96.03 ± 0.42	96.09 ± 0.39	96.09 ± 0.39	96.09 ± 0.39
Parkinsons	Base	82.89 ± 4.12	88.02 ± 3.29	88.70 ± 4.20	88.87 ± 4.29	88.87 ± 4.29
	Log.	84.10 ± 5.15	87.02 ± 4.56	87.85 ± 4.80	87.85 ± 4.80	87.68 ± 5.09
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	70.87 ± 0.59	71.36 ± 2.72	75.48 ± 0.41	75.48 ± 0.41	75.48 ± 0.41
	Log.	72.06 ± 0.68	73.10 ± 1.32	73.16 ± 0.35	73.20 ± 0.34	75.44 ± 0.26
Congress	Base	96.48 ± 1.46	96.48 ± 1.46	96.48 ± 1.46	96.48 ± 1.46	96.48 ± 1.46
	Log.	95.40 ± 1.84	95.48 ± 1.68	95.33 ± 1.81	95.33 ± 1.81	95.33 ± 1.81

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 C4.5 classifier.