

Dataset		#Bits				
		4	8	16	32	64*
Yale	Base	35.12 \pm 6.00	48.28 \pm 7.05	45.21 \pm 10.18	44.03 \pm 8.21	44.03 \pm 8.21
	Log.	33.13 \pm 8.75	49.30 \pm 7.70	44.04 \pm 7.15	44.22 \pm 8.63	44.82 \pm 8.00
TOX171	Base	50.92 \pm 6.49	58.14 \pm 8.56	59.26 \pm 7.38	58.88 \pm 10.65	58.88 \pm 10.65
	Log.	56.63 \pm 22.39	63.89 \pm 17.98	67.22 \pm 16.39	69.76 \pm 15.46	69.76 \pm 15.46
DLBC	Base	81.57 \pm 9.25	78.79 \pm 11.93	78.09 \pm 12.40	80.18 \pm 12.50	78.16 \pm 12.88
	Log.	73.86 \pm 8.17	75.82 \pm 13.21	77.27 \pm 13.22	77.27 \pm 13.22	76.58 \pm 14.02
Colon	Base	67.64 \pm 10.41	74.20 \pm 9.66	73.06 \pm 13.65	73.09 \pm 12.99	73.09 \pm 12.99
	Log.	73.33 \pm 13.77	79.03 \pm 10.98	78.47 \pm 12.47	79.03 \pm 12.69	77.95 \pm 12.18
humanActivity	Base	94.72 \pm 0.50	93.94 \pm 1.03	94.54 \pm 0.49	94.14 \pm 0.57	94.14 \pm 0.57
	Log.	82.64 \pm 6.17	94.51 \pm 0.50	95.12 \pm 0.55	95.09 \pm 0.45	95.08 \pm 0.37
Leukemia	Base	71.30 \pm 13.15	87.04 \pm 6.41	84.72 \pm 5.86	86.11 \pm 7.30	85.19 \pm 6.42
	Log.	66.20 \pm 12.64	79.17 \pm 11.64	86.11 \pm 10.19	86.11 \pm 10.19	85.19 \pm 9.86
SRBCT	Base	73.19 \pm 15.93	79.88 \pm 7.17	82.68 \pm 10.36	82.68 \pm 10.16	82.68 \pm 10.16
	Log.	75.57 \pm 8.06	84.23 \pm 8.98	81.80 \pm 10.12	81.80 \pm 10.12	82.20 \pm 10.21

Classification accuracy (%) and standard deviation for the base and logarithmic division versions of the CMIM method on high-dimensional datasets for 75-top selected features. Results for C4.5 classifier.