dataset	LDA ($N_C - 1$)	S-LDA ($N_C - 1$)	S-LDA ($2 \times N_C - 1$)	LDA (5 samples, $N_C - 1$)
15-scene	68.17 ± 0.95	75.39 ± 0.70	$\mathbf{75.87 \pm 0.76}$	40.14 ± 2.71
Corel	37.75 ± 0.49	$\mathbf{44.00 \pm 0.43}$	43.60 ± 0.41	17.26 ± 0.79
MNIST	86.10 ± 0.22	89.17 ± 0.31	$\mathbf{89.53 \pm 0.26}$	49.01 ± 3.78
Yale	$\mathbf{95.21 \pm 0.83}$	93.59 ± 0.51	94.37 ± 0.70	59.36 ± 3.46
KTH	90.38 ± 0.00	87.07 ± 1.22	$\mathbf{92.58 \pm 0.00}$	65.55 ± 2.79
20NG	63.66 ± 0.52	$\mathbf{69.97 \pm 0.30}$	69.54 ± 0.39	9.68 ± 1.35