

dataset	$K$	# training	# test	# features
Coverttype290k	7	290506	290506	54
Coverttype145k	7	145253	290506	54
Poker525k	10	525010	500000	25
Poker275k	10	275010	500000	25
Poker150k	10	150010	500000	25
Poker100k	10	100010	500000	25
Poker25kT1	10	25010	500000	25
Poker25kT2	10	25010	500000	25
Mnist10k	10	10000	60000	784
M-Basic	10	12000	50000	784
M-Rotate	10	12000	50000	784
M-Image	10	12000	50000	784
M-Rand	10	12000	50000	784
M-RotImg	10	12000	50000	784
M-Noise1	10	10000	2000	784
M-Noise2	10	10000	2000	784
M-Noise3	10	10000	2000	784
M-Noise4	10	10000	2000	784
M-Noise5	10	10000	2000	784
M-Noise6	10	10000	2000	784
Letter15k	26	15000	5000	16
Letter4k	26	4000	16000	16
Letter2k	26	2000	18000	16