Data sets	Recognition tasks	#Classes	#Train-Test
MNIST	Handwritten digits from 0 to 9	10	60000-10000
mnist-basic	Smaller subset of *MNIST*	10	12000-50000
mnist-rot	Same as basic with rotation	10	12000-50000
mnist-back-rand	Same as basic with random background	10	12000-50000
mnist-back-image	Same as basic with image background	10	12000-50000
mnist-rot-back-image	Same as basic with rotation and image background	10	12000-50000
rectangles	Tall or wide rectangles	2	1200-50000
rectangles-image	Same as rect. with image background	2	12000-50000
ConvexNonConvex	Convex or non-convex shapes	2	8000-50000