AE with 3Normal(5,7,9) and 1Abnormal(4) - Batch_Size 128

Run #	mean_nl_test_loss	std_nl_test_loss	mean_abn_test_loss	std_abn_test_loss	Accuracy
1	0.05324117467	0.02185384929	0.1927998066	0.03694827482	0.98125
2	0.05151905864	0.02151078358	0.1899435371	0.03420905396	0.9805
3	0.05349786207	0.02104314789	0.1829764843	0.02837884985	0.98125
Averages	0.05275269846	0.02146926026	0.188573276	0.03317872621	0.981

Latent Loss - VAE with 3Normal(5,7,9) and 1Abnormal(4) - Batch_Size 128

Run #	mean_nl_test_loss	std_nl_test_loss	mean_abn_test_loss	std_abn_test_loss	Accuracy
1	0.06040166318	0.0218237862	0.198653847	0.04484183341	0.97875
2	0.061293751	0.02152504027	0.2209689617	0.04586793482	0.98175
3	0.06247108057	0.02070014365	0.195849672	0.05067338794	0.975
Averages	0.06138883159	0.02134965671	0.2051574936	0.04712771873	0.9785

wo Latent - VAE with 3Normal(5,7,9) and 1Abnormal(4) - Batch_Size 128

Run #	mean_nl_test_loss	std_nl_test_loss	mean_abn_test_loss	std_abn_test_loss	Accuracy
1	0.04963806272	0.02098739147	0.2010172904	0.03860621899	0.98775
2	0.04979238287	0.02139998414	0.1930979639	0.0403448306	0.983
3	0.04961981252	0.02053568885	0.1857742071	0.03608677909	0.98475
Averages	0.04968341937	0.02097435482	0.1932964871	0.03834594289	0.9851666667

Latent loss - Mod VAE with 3Normal(5,7,9) and 1Abnormal(4) - Batch_Size 128

Run #	mean_nl_test_loss	std_nl_test_loss	mean_abn_test_loss	std_abn_test_loss	Accuracy
1	0.05498867854	0.02017367631	0.2079845369	0.04208412021	0.98225
2	0.05411952361	0.02052716166	0.1999825537	0.03612520173	0.98125
3	0.05380625278	0.02048242092	0.1922350526	0.04522202909	0.98425
Averages	0.05430481831	0.02039441963	0.2000673811	0.04114378368	0.9825833333

Latent loss x16 - Mod VAE with 3Normal(5,7,9) and 1Abnormal(4) - Batch_Size 128

Run #	mean_nl_test_loss	std_nl_test_loss	mean_abn_test_loss	std_abn_test_loss	Accuracy
1	0.09304106981	0.02921769582	0.2609376907	0.04704283178	0.97775
Averages	0.09304106981	0.02921769582	0.2609376907	0.04704283178	0.97775

Labels for ref

0 T-shirt/top
1 Trouser
2 Pullover
3 Dress
4 Coat
5 Sandal
6 Shirt
7 Sneaker
8 Bag
9 Ankle boot