SL No.	Dataset	# Instances	# Features	# Classes	Drift Type	# Drifts	MOA Data Generation Command

1	SEA_A_200k	200000	3	2	Abrupt	3	WriteStreamToARFFFile -s (
							ConceptDriftStream -s (generators.SEAGenerator -f 1)
							    -d (ConceptDriftStream -s (generators.SEAGenerator -f 2)
							        -d (ConceptDriftStream -s (generators.SEAGenerator -f 3) -d (generators.SEAGenerator -f 4) -p 50000 -w 1) -p 50000 -w 1) -p 50000 -w 1
							) -f SEA_A_200k.arff -m 200000

2	SEA_G_200k	200000	3	2	Gradual	3	WriteStreamToARFFFile -s (
							ConceptDriftStream -s (generators.SEAGenerator -f 1)
							    -d (ConceptDriftStream -s (generators.SEAGenerator -f 2)
							        -d (ConceptDriftStream -s (generators.SEAGenerator -f 3) -d (generators.SEAGenerator -f 4) -p 50000 -w 20000) -p 50000 -w 20000) -p 50000 -w 20000
							) -f SEA_G_200k.arff -m 200000

3	LED_M_200k	200000	24	10	Mixed	3	WriteStreamToARFFFile -s (ConceptDriftStream -s (generators.LEDGeneratorDrift -d 3 -i 1) -d (generators.LEDGeneratorDrift -d 2 -i 1 -n 30) -a 90.0 -p 100000 -w 10) -f LED_M_200k.arff -m 200000
4	TREE_F	100000	10	6	Sudden Recurring	15	WriteStreamToARFFFile -s (ConceptDriftStream -s (generators.RandomTreeGenerator -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 2 -r 2 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 3 -r 3 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 7 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 11 -r 2 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 5 -r 3 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 115 -r 1 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 18 -r 2 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 25 -r 3 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 61 -r 1 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 71 -r 2 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 31 -r 3 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 17 -r 1 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 64 -r 2 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 66 -r 3 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 21 -r 1 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 88 -r 2 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 55 -r 3 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 99 -r 1 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 74 -r 2 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 57 -r 3 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 1 -r 1 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 6 -r 2 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 3 -r 3 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 86 -r 1 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 49 -r 2 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 69 -r 3 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 96 -r 1 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 81 -r 2 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 41 -r 3 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 17 -r 1 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 71 -r 2 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 7 -r 3 -c 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -i 13 -r 1 -c 6) -d (generators.RandomTreeGenerator -i 29 -r 2 -c 6) -a 90.0 -p 3000 -w 1 -r 63) -a 90.0 -p 3000 -w 1 -r 63) -a 90.0 -p 3000 -w 1 -r 63) -a 90.0 -p 3000 -w 1 -r 63) -a 90.0 -p 3000 -w 1 -r 33) -a 90.0 -p 3000 -w 1 -r 23) -a 90.0 -p 3000 -w 1 -r 32) -a 90.0 -p 3000 -w 1 -r 4) -a 90.0 -p 3000 -w 1 -r 7) -a 90.0 -p 3000 -w 1 -r 37) -a 90.0 -p 3000 -w 1 -r 73) -a 90.0 -p 3000 -w 1 -r 36) -a 90.0 -p 3000 -w 1 -r 89) -a 90.0 -p 3000 -w 1 -r 99) -a 90.0 -p 3000 -w 1 -r 97) -a 90.0 -p 3000 -w 1 -r 73) -a 90.0 -p 3000 -w 1 -r 43) -a 90.0 -p 3000 -w 1 -r 34) -a 90.0 -p 3000 -w 1 -r 38) -a 90.0 -p 3000 -w 1 -r 32) -a 90.0 -p 3000 -w 1 -r 3) -a 90.0 -p 3000 -w 1 -r 33) -a 90.0 -p 3000 -w 1 -r 77) -a 90.0 -p 3000 -w 1 -r 69) -a 90.0 -p 3000 -w 1 -r 96) -a 90.0 -p 3000 -w 1 -r 29) -a 90.0 -p 3000 -w 1 -r 36) -a 90.0 -p 3000 -w 1 -r 77) -a 90.0 -p 3000 -w 1 -r 37) -a 90.0 -p 3000 -w 1 -r 3) -a 90.0 -p 3000 -w 1 -r 311) -a 90.0 -p 3000 -w 1 -r 23) -a 90.0 -p 3000 -w 1 -r 2) -a 90.0 -p 3000 -w 1) -f TREE_F.arff -m 100000
5	HYP_S_200k	200000	10	2	Incremental Slow	1	WriteStreamToARFFFile -s (generators.HyperplaneGenerator -c 4 -k 5 -t 0.0010) -f HYP_S_200k.arff -m 200000
6	HYP_F_200k	200000	10	2	Incremental Fast	1	WriteStreamToARFFFile -s (generators.HyperplaneGenerator -c 4 -k 5 -t 0.10) -f HYP_F_200k.arff -m 200000
7	AGR_GR_200k	200000	9	2	Gradual Recurring	4	WriteStreamToARFFFile -s (ConceptDriftStream -s (generators.AgrawalGenerator -p 0.0 -b) -d (ConceptDriftStream -s (generators.AgrawalGenerator -f 2 -p 0.0 -b) -d (ConceptDriftStream -s (generators.AgrawalGenerator -p 0.0 -b) -d (ConceptDriftStream -s (generators.AgrawalGenerator -f 3 -p 0.0 -b) -d (generators.AgrawalGenerator -p 0.0 -b) -p 40000 -w 4000) -p 40000 -w 4000) -p 40000 -w 4000) -p 40000 -w 4000) -f AGR_GR_200k.arff -m 200000

8	AGR_AR_200k	200000	9	2	Abrupt Recurring	4	WriteStreamToARFFFile -s (
							ConceptDriftStream -s (generators.AgrawalGenerator -p 0.0 -b)
							    -d (ConceptDriftStream -s (generators.AgrawalGenerator -f 2 -p 0.0 -b)
							        -d (ConceptDriftStream -s (generators.AgrawalGenerator -p 0.0 -b)
							            -d (ConceptDriftStream -s (generators.AgrawalGenerator -f 3 -p 0.0 -b)
							                -d (generators.AgrawalGenerator -p 0.0 -b) -p 40000 -w 1)
							            -p 40000 -w 1)
							        -p 40000 -w 1
							) -f AGR_AR_200k.arff -m 200000

9	RBF_F_200K	200000	15	5	Incremental Fast	1	WriteStreamToARFFFile -s (generators.RandomRBFGeneratorDrift -s 0.001 -k 5 -i 5 -c 5 -a 15 -n 5) -f RBF_F_200k.arff -m 200000
10	RBF_I_200K	200000	15	5	Incremental Intermediate	1	WriteStreamToARFFFile -s (generators.RandomRBFGeneratorDrift -s 0.0001 -k 5 -i 5 -c 5 -a 15 -n 5) -f RBF_I_200k.arff -m 200000

11	RTG_GF_200k	200000	10	2	Gradual Fast	9	WriteStreamToARFFFile -s (ConceptDriftStream -s (generators.RandomTreeGenerator -r 1) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 2) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 3) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 4) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 5) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 7) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 8) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 9) -d (generators.RandomTreeGenerator -r 10) -p 20000 -w 4000) -p 20000 -w 4000) -p 20000 -w 4000) -p 20000 -w 4000) -p 20000 -w 4000) -p 20000 -w 4000) -p 20000 -w 4000) -p 20000 -w 4000) -p 20000 -w 4000) -f RTG_GF_200k.arff -m 200000
12	RTG_AF_200k	200000	10	2	Abrupt Fast	9	WriteStreamToARFFFile -s (ConceptDriftStream -s (generators.RandomTreeGenerator -r 1) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 2) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 3) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 4) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 5) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 6) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 7) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 8) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 9) -d (generators.RandomTreeGenerator -r 10) -p 20000 -w 1) -p 20000 -w 1) -p 20000 -w 1) -p 20000 -w 1) -p 20000 -w 1) -p 20000 -w 1) -p 20000 -w 1) -p 20000 -w 1) -p 20000 -w 1) -f RTG_AF_200k.arff -m 200000
13	RTG_GS_200k	200000	10	2	Gradual Slow	4	WriteStreamToARFFFile -s (ConceptDriftStream -s (generators.RandomTreeGenerator -r 1) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 2) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 3) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 4) -d (generators.RandomTreeGenerator -r 5) -p 40000 -w 4000) -p 40000 -w 4000) -p 40000 -w 4000) -p 40000 -w 4000) -f RTG_GS_200k.arff -m 200000
14	RTG_AS_200k	200000	10	2	Abrupt Slow	4	WriteStreamToARFFFile -s (ConceptDriftStream -s (generators.RandomTreeGenerator -r 1) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 2) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 3) -d (ConceptDriftStream -s (generators.RandomTreeGenerator -r 4) -d (generators.RandomTreeGenerator -r 5) -p 40000 -w 1) -p 40000 -w 1) -p 40000 -w 1) -p 40000 -w 1) -f RTG_AS_200k.arff -m 200000

15	WAV_GF_200k	200000	21	3	Gradual Fast	9	WriteStreamToARFFFile -s (ConceptDriftStream -s (generators.WaveformGenerator -i 1) -d (ConceptDriftStream -s (generators.WaveformGeneratorDrift -i 2 -d 20) -d (ConceptDriftStream -s (generators.WaveformGenerator -i 3) -d (ConceptDriftStream -s (generators.WaveformGeneratorDrift -i 4 -d 20) -d (ConceptDriftStream -s (generators.WaveformGenerator -i 5) -d (ConceptDriftStream -s (generators.WaveformGeneratorDrift -i 6 -d 20) -d (ConceptDriftStream -s (generators.WaveformGenerator -i 7) -d (ConceptDriftStream -s (generators.WaveformGeneratorDrift -i 8 -d 20) -d (ConceptDriftStream -s (generators.WaveformGenerator -i 9) -d (generators.WaveformGeneratorDrift -i 10 -d 20) -p 20000 -w 4000) -p 20000 -w 4000) -p 20000 -w 4000) -p 20000 -w 4000) -p 20000 -w 4000) -p 20000 -w 4000) -p 20000 -w 4000) -p 20000 -w 4000) -f WAV_GF_200k.arff -m 200000
16	WAV_GS_200k	200000	21	3	Gradual Slow	4	WriteStreamToARFFFile -s (ConceptDriftStream -s (generators.WaveformGenerator -i 1) -d (ConceptDriftStream -s (generators.WaveformGeneratorDrift -i 2 -d 20) -d (ConceptDriftStream -s (generators.WaveformGenerator -i 3) -d (ConceptDriftStream -s (generators.WaveformGeneratorDrift -i 4 -d 20) -d (generators.WaveformGenerator -i 5) -p 40000 -w 4000) -p 40000 -w 4000) -p 40000 -w 4000) -f WAV_GS_200k.arff -m 200000
17	STG_AFR_200k	200000	3	2	Abrupt Fast Recurring	7	WriteStreamToARFFFile -s (RecurrentConceptDriftStream -x 25000 -y 25000 -z 8 -s (generators.STAGGERGenerator -i 2 -f 2 -b) -d (generators.STAGGERGenerator -i 3 -f 3 -b)) -f STG_AFR_200k.arff -m 200000
18	STG_ASR_200k	200000	3	2	Abrupt Slow Recurring	3	WriteStreamToARFFFile -s (RecurrentConceptDriftStream -x 50000 -y 50000 -z 4 -s (generators.STAGGERGenerator -i 2 -f 2 -b) -d (generators.STAGGERGenerator -i 3 -f 3 -b)) -f STG_ASR_200k.arff -m 200000
19	SIN_ASR_200k	200000	4	2	Abrupt Slow Recurring	4	WriteStreamToARFFFile -s (RecurrentConceptDriftStream -x 40000 -y 40000 -s (generators.SineGenerator -i 2 -f 2 -b) -d (generators.SineGenerator -i 3 -f 3 -b) -p 40000 -w 1) -f SIN_ASR_200k.arff -m 200000
20	SIN_GSR_200k	200000	4	2	Gradual Slow Recurring	4	WriteStreamToARFFFile -s (RecurrentConceptDriftStream -x 40000 -y 40000 -s (generators.SineGenerator -i 2 -f 2 -b) -d (generators.SineGenerator -i 3 -f 3 -b) -p 40000 -w 4000) -f SIN_GSR_200k.arff -m 200000