Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:3, Mean Gap Size of 5 and Data Variance of 4 (No Outliers) 350 ARL<sub>1</sub> CTM (Z:1.6449, a:3, (0:15, 10)) CTM (2:1.6449, a:3, (0.15, 15)) CTM (Z:1.6449, 2:3, (0.15, 20)) CTM (Z:1.6449, a:3, (0.1, 10)) SWM (Z.1. 6449, 2.3, 15) CTM (Z:1.6449, a:3, (0.1, 15)) CTM (Z:1.6449, a:3, (0.1, 20)) WM (Z:1.6449, a:3, (0.15, 10)) SWM (2.1. 6449, a.3,30) TM (2:1.6449, 8:3, (0.15, 15)) WM (Z:1.6449, 8:3, (0.15, 15)) WM (z:1.6449, a:3, (0.15, 20)) CTM (Z:1,6449,2:3,(0.2,10)) CTM (Z:1,6449,8:3,(0.2,15)) TM (2.7.6449, a:3, (0.7., 10)) MW (5:1:6449, 8:3, (0:1, 10)) TM (2.1.6449, 2:3, (0.1., 15)) WM (Z:1.6449, a:3,(0.1, 15)) SWM (2.1, 6449, 2:3,20) TM (2:1.6449, 2:3, (0.1, 20)) WM (Z:1.6449, a:3,(0.1,20)) SWM (2.1, 6449, 2.3, 25) TM (Z:1, 6449, 8:3, (0.15, 10)) WM (Z:1.6449, a:3, (0.2, 10)) WM (Z:1.6449, a:3, (0.2, 15))

Model (Parameters)