Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.96 alpha:2.5, Mean Gap Size of 5, Data Variance of 4 (Outliers in burn-in Period) 300 150 100 CTM (Z:1.96, a:2.5, (0.1, 10))
SWM (Z:1.96, a:2.5, 15) CTM (Z:1.96, a:2.5, (0.1, 15))
SWM (Z:1.96, a:2.5, 20) CTM (Z:1.96, a:2.5, (0.15, 10))
SWM (Z:1.96, a:2.5, 30) CTM (2:1.96, 2:2.5, (0.1, 20)) WM (2:1.96,2:2.5,10.15,20)) CTM (2:1.96, 2:2.5, (0.2, 15)) WM (Z:1.96,8:25,(0.1.10)) TM (Z:1.96, a:2.5, (0.1.15)) WM (Z:1.96,3:2.5,(0.1, 15)) TM (2:1.96, a:2.5, (0.1, 20)) WM (Z:1,96,3:25,(0.1,20)) SWM (2:1.96, a.2.5, 25) WM (Z:1.96,2:2.5,(0.15, 10)) CTM (Z:1.96,a:25,(0.15, 15)) TM (2:1.96, 8:2.5, (0.15, 20)) CTM (2:1,96,a:25,10.15,20)) TM (2.1.96,a.2.5, (0.2, 10)) TM (Z:1.96, 8:2.5, (0.15, 10)) WM (Z:1.96, a:2.5, (0.2, 10)) CTM (2:1.96,3:2.5,10.2,10)) TM (Z:1.96, a:2.5, (0.2, 15))

Model (Parameters)