Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.96 alpha:2, Mean Gap Size of 5, Data Variance of 1 (Outliers in in-control Period) 16 12 CTM (z:1.96,a:2,10.1,15))
SWM (z:1.96,a:2,20) CTM (2:1.96, a:2, (0.1, 20)) SWM (2:1.96, a:2,25) CTM (Z:1.96, a:2, (0.15, 10)) (Z:1.96, a:2,30) SWM (2.1.96,a.2.15) WW (x:1.96, a:2, (0.1, 15)) TM (Z:1,96,3:2,(0.1,20)) WM (Z:1.96, a:2, (0.1, 20)) WM (Z:1.96, a:2, (0.15, 20)) WW (X:1.96,a:2,(0.1,10)) CTM (Z:1.96, a:2, (0.1, 10)) TM (Z:1,96,3:2,(0.1,15)) CTM (Z:1.96,8:2,(0.15, 15)) TM (Z:1.96,a:2,10.15,201) CTM (Z:1,96,3:2,(0.15,20)) TM (Z.1.96, 2.2, (0.2, 10)) WM (2:1.96, a:2, (0.2, 10)) CTM (Z:1.96, a:2, (0.2, 10)) TM (Z:1,96,3:2,(0.2,15)) CTM (z.1.96, a.2, (0.2, 16))

Model (Parameters)