Boxplot of ARL₁ 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 burn-in Period) CTM (Z:1.96,a:2,10.1,15)) SWM (Z:1.96,a:2,20) CTM (Z:1.96, 2:2, (0.15, 10)) (2:1.96, 2:2,30) SWM (Z.1.96,a.2,15) TM (Z:1.96, 2:2, (0.1, 20)) WM (X:1.96, a.2, (0.1, 20)) CTM (z:1.96, a:2, (0.1, 20)) WW (X:1.96,a:2,(0.1,10)) CTM (Z:1.96, 8:2, (0.1, 10)) TM (Z:1,96,3:2,(0.1,15)) WM (z:1.96,a:2,(0.1, 15)) CTM (Z:1.96, 2:2, (0.15, 15)) TM (Z:1.96, a:2, (0.15, 20)) WM (Z:1.96, a:2, (0.15, 20)) CTM (Z:1.96,3:2,(0.15,20)) WM (z:1.96, a:2, (0.2, 10)) CTM (z.1.96, a.2, (0.2, 15)) SWM (2.1.96, a.2, 25) TM (Z:1.96, 8:2, (0.2, 10))

Model (Parameters)

16