Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:2, Mean Gap Size of 10, Data Variance of 1 (Outliers in burn-in Period) CTM (Z:1.96, a:2, (0.1, 15)) SWM (Z:1.96, a:2,20) CTM (Z:1.96, a:2, (0.1, 201) (Z:1.96, a:2, 25) WW (x:1.96, a:2, (0.1, 15)) TM (Z:1.96,3:2,(0.1,20)) WM (Z:1.96, 2:2, (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)) WM (Z:1.96, a:2, (0.1, 20)) WM (Z:1.96,8:2,(0.15, 15)) CTM (Z:1.96, 2:2, (0.15, 15)) TM (Z:1,96,a:2,10,15,20)) CTM (Z:1,96,3:2,(0.15,20)) TM (Z:1.96,3:2,(0.2,10)) WM (2:1.96, a:2, (0.2, 10)) CTM (Z:1.96, 3:2, (0.2, 10)) TM (Z:1,96,3:2,(0.2,15)) WM (2:1.96, a:2, (0.2, 15)) CTM (2:1.96, a:2, (0.2, 15)) SWM (Z.1.96, a.2.15) TM (2:1.96, a:2, (0.15, 10)) WM (Z:1.96,8:2,(0.15, 10)) CTM (2:1.96, 2:2, (0.15, 10))

Model (Parameters)

 ARL_1