Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:1, Mean Gap Size of 10, Data Variance of 1 (Outliers in burn-in Period) CTM (Z:1.96, a:1, (0.1, 10)) (Z:1, 15) CTM (2:1.96, a:1, (0.1, 20)) SWM (2:1.96, a:1, 26) CTM (Z:1.96, a:1, (0.1, 15)) SWM (Z:1.96, a:1, 20) CTM (z:1.96,a:1,10.15, 10)) (z:1.96,a:1,30) WW (5:1:06:8:1.(0:1,15)) TM(Z:1,96,3:1,(0.1,20)) WM (Z:1.96, a:1, (0.1, 20)) WM (Z:1.96, a:1, (0.15, 20)) CTM (Z:1,96,3:1,(0.15,20)) WM (x:1.96,a:1,(0.1,10)) TM (Z:1.96, a:1, (0.1, 15)) TM (Z:1.96, a:1, (0.15, 10)) WM (Z:1,96,8:1,(0.15,10)) WM (Z:1.96,8:1,(0.15, 15)) CTM (z:1,96,8:1,(0.15, 15)) TM (2:1.96, a:1, (0.15, 20)) TM (2:1.96, 2:1, (0.2, 10)) WM (2:1:96, a:1, (0.2, 10)) CTM (Z:1.96.3:1,10.2,10)) TM (Z:1,96,3:1,(0.2,15)) WM (z:1.96, a:1, (0.2, 15)) CTM (Z:1.96, 3:1, (0.2, 15))

Model (Parameters)

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 ARL_1