Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:2.5, Mean Gap Size of 10 and Data Variance of 1 (No Outliers) CTM (2:1.96, a:2.5, (0.1.10)) WM (Z:1,96,8:2.5,(0.1,15)) CTM (Z:1.96, a:2.5, (0.1.15)) WM (Z:1,96,8:25,(0.1,20)) CTM (2:1.96, 2:2.5, (0.1, 20)) WM (Z:1.96, a:2.5, (0.15, 10)) CTM (2:1.96, a:2.5, (0.15, 10)) WM (z.1.96, a.2.5, (0.15, 15)) CTM (Z:1, 96, 8:2, 5, (0.15, 15)) WM (z.1.96, a.2.5, (0.15, 20)) CTM (Z:1, 96, 2:2, 5, (0.15, 20)) WM (Z:1.96,3:2.5,(0.2, 10)) CTM (Z:1.96,a:25,10.2,10)) WM (Z:1,96,8:25,10.2,15)) CTM (Z:1,96,2:2.5,10,2,15)) WM (Z:1,96,8:25,(0.1,10)) SWM (2:1.96, 8:2.5,15) TM (2:1.96, a:2.5, (0.1.15)) SWM (2.1.96, a.2.5,20) TM (2:1.96, a:2.5, (0.1, 20)) TM (Z:1.96, 2:2.5, (0.15, 15))

Model (Parameters)

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 ARL_1