Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:2, Mean Gap Size of 5 and Data Variance of 4 (No Outliers) WM (2:2:5759,8:2,(0.15, 10)) CTM (2:2.5759,a:2,10:15,10)) WM (2:2:5759, a:2, (0.15, 15)) CTM (2:2.5759, a:2, (0.15, 15)) WM (Z:2.5759,a:2,(0.15,20)) CTM (2:2.5759, a:2, (0.15, 20)) CTM (Z:2.5759, a:2, (0.2, 15)) WM (2:2.5759, a:2,10.1,101) CTM (Z:2.5759, a:2, (0.1, 10)) SWM (2:2.5759, a:2,15) TM (Z.2.5759, a.2, (0.1, 15)) WM (2:2.5759, a:2, (0.1, 15)) CTM (2:2.5759, a:2, (0.1, 15)) SWM (2:2.5759, a:2,20) TM (2:2.5759, a:2, (0.1, 20)) WM (2:2:5759, a:2, (0.1, 20)) CTM (Z:2.5759, a:2, (0.1, 20)) SWM (2:2.5759, a:2.25) SWM (2:2.5759, a:2,30) TM (Z:2.5759, a:2, (0.15, 15)) WM (2:2.5759, a:2,10.2,101) CTM (Z:2.5759, a:2, (0.2, 10)) WM (2:2.5759, a:2,10.2, 15)) TM (2:2.5759, a:2, (0.75, 10))

Model (Parameters)

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ARL<sub>1</sub>