Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:2.5, Mean Gap Size of 10 and Data Variance of 4 (No Outliers) CTM (Z:1,6449, 2:2.5, (0.1, 15)) CTM (Z:1,6449, 2:2.5, (0.1,20)) CTM (2:1.6449, a:2.5, (0.15, 10)) CTM (2:1.6449, a:2.5, (0.15, 20)) WM (Z:1.6449, a:2.5, (0.1.10)) CTM (Z:1,6449, 2:2.5, (0.1, 10)) WM (z:1.6449, a:2.5, (0.1, 15)) WM (2:1.6449, 2:2.5, (0.1, 20)) WM (Z:1.6449, a:2.5, (0.15, 10)) TM (Z:1,6449,8:2.5,(0.15,15)) WM (2:1,6449,a:2.5,10.15,16)) CTM (Z:1.6449, a:2.5, (0.15, 15)) WM (Z:1,6449,2:2.5,10.15,20)) WM (Z:1.6449, a:2.5, (0.2, 10)) CTM (Z:1,6449,8:2.5,102,10)) WM (2:1.6449, 3:2.5, (0.2, 15)) SWM (Z:1, 6449, a:2.5, 15) TM (Z:1,6449,a:2.5,(0.1,15)) SWM (Z.1.6449, 2.2.5, 20) TM (Z:1,6449,2:2.5,10.1,20)) SWM (Z.1.6449, a.2.5,25) TM (Z:1,6449, a:2.5, (0.15, 10)) SWM (Z.1.6449, a.2.5,30)

Model (Parameters)

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ARL₁