Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:2, Mean Gap Size of 10 and Data Variance of 9 (No Outliers) CTM (Z:1.6449, a:2, (0.15, 10)) WM (Z:1.6449, 8:2, (0.15, 15)) CTM (2.1.64A9, 2.2.(0.15, 15)) WM (2:1,6449,8:2,10.15,20)) CTM (Z:1.6449, 2:2, (0.15, 20)) WM (Z:1.6449, 2:2, (0.1, 10)) CTM (Z:1,6449, a:2, (0.1,20)) CTM (Z:1,6449, a:2, (0.2, 10)) CTM (Z:1,6449, a:2, (0.2, 15)) CTM (Z:1,6449, a:2, (0.1, 10)) SWM (2.1. 6449, 2.2, 15) TM (Z:1,6449,3:2,(0.1, 15)) WM (Z:1.6449, a:2,(0.1, 15)) CTM (Z:1,6449, a:2, (0.1, 15)) SWM (2.1.6449, a.2,20) TM (Z:1,6449, 2:2, (0.1,20)) WM (Z:1.6449, 2:2, (0.1, 20)) SWM (2.1.6449.2.2.25) TM (Z:1.6449, a:2, (0.15, 15)) WM (2:1.6449, a:2, (0.2, 10)) WM (Z:1.6449, a:2,10.2, 151)

Model (Parameters)

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ARL<sub>1</sub>