Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:3, Mean Gap Size of 5, Data Variance of 9 (Outliers in in-control Period) 100 50 CTM (Z:1.6449, a:3, (0.1, 201)
SWM (Z:1.6449, a:3, 25) CTM (Z:1.6449, a:3, (0.1, 15))
SWM (Z:1.6449, a:3, 20) CTM (Z:1.6449, a:3, (0.15, 10))

CTM (Z:1.6449, a:3, 30) WM (Z:1.6449, a:3,(0.1,20)) CTM (Z:1,6449,8:3,(0.15,15)) WM (Z:1.6449, 2:3, (0.15, 20)) CTM (Z:1.6449, a:3, (0.15, 20)) WM (Z:1.6449, 2:3, (0.1, 10)) CTM (Z:1.6449, 2:3, (0:1, 10)) SWM (2.1.6449, a.3,15) TM (Z:1,6449,3:3,(0.1,15)) WM (Z:1.6449, Z:3, (0.1, 15)) TM (Z:1.6449, 2:3, (0.1, 20)) TM (Z:1, 6449, 8:3, (0.15, 10)) WM (Z:1,6449,8:3,(0.15,10)) TM (2:1.6449, a:3, (0.15, 15)) WM (Z:1,6449, a:3,(0.15, 15)) TM (2.1.6449, 2.3, (0.15, 20)) TM (Z.1, 6449, 3:3, (0.2, 10)) WM (Z:1.6449, 2:3, (0.2, 10)) CTM (Z:1.6449, 3:3, (0.2, 10)) WM (2:1.6449, a:3, (0.2, 15)) TM (Z:1,6449,2:3,(0.2,15))

Model (Parameters)

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