Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:1, Mean Gap Size of 5, Data Variance of 1 (Outliers in out-of-control Period) 12 CTM (Z:1.6449, 3:1, (0.15, 10))
CTM (Z:1.6449, 3:1, 30) CTM (Z:1 6449, 3:1, (0.1, 20)) WM (Z:1.6449, 8:1, (0.15, 15)) CTM (2:1.6A49, 2:1, (0.15, 20)) WM (Z:1,6449,8:1,(0.1,10)) CTM (Z:1.6449, 2:1, (0.1, 10)) SWM (2.1.6449, a.1,15) TM (Z:1,6449,3:1,(0.1,15)) WM (Z:1.6449, a:1, (0.1, 15)) CTM (Z:1.6449, 3:1, (0.1, 15)) SWM (2.1.6449, a.1,20) TM (Z:1,6449,3:1,10.1,201) WM (2:1.6449, a:1, (0:1, 20)) TM (2:1.6449, a:1, (0.15, 10)) WM (Z:1,6449,3:1,(0.15,10)) CTM (Z:1,6449,2:1,(0.15, 15)) WM (2:1,6449,3:1,10.15,20)) TM (2.1.6449, 3.1, (0.2, 10)) WM (Z:1,6449,2:1,10.2,10)) CTM (Z:1 6449, 3:1, (0.2, 10)) WM (Z:1.6449, a:1, (0.2, 15)) CTM (Z:1 6449, 3:1, (0.2, 15)) TM (2:1,6449, a:1,10:15,20)) TM (Z:1,6449,3:1,10.2,151)

Model (Parameters)

ARL₁