Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:1.5, Mean Gap Size of 1 (Outliers in both\_in\_and\_out Period) 350 300 ARL<sub>1</sub> 150 100 50 CTM (Z:1,6449, 2:1,5,10.1,10)) CTM (Z:1,6449,3:15,10:1,20)) WM (Z:1,6449,2:1.5,10.15,10)) CTM (Z:1.64A9, a:1.5, (0.15, 15)) TM (Z:1.6449, 3:1.5, (0.15, 20)) WM (Z:1,6449,2:1.5,10.15,20)) WM (2:1,6449, a:1,5,(0.2,10)) WM (Z:1,6449, a:1,5,10.2, 15)) CTM (Z:1,6449,8:1.5,10.2,15)) CTM (Z:1,6449,3:1,5,10.1,15)) SWM (Z.1.6449, 2.1.5,20) TM (2:1.6449, a:1.5, (0.1, 20)) WM (2:1.6449, a:1.5, (0.1, 20)) TM (Z:1,6449,a:1.5,(0.15,10)) TM (Z:1,6449, a:1,5,(0.15, 15)) TM (Z:1,6449,2:1.5,10.2,15)) TM (Z:1.6449, a:1.5, (0.1, 15)) WM (Z:1,6449,8:1,5,10.1,15))

Model (Parameters)