Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:0.95, Mean Gap Size of 10, Data Variance of 9 (Outliers in both\_in\_and\_out Period)  $ARL_1$ CT (1.6449, 0.95, 0.91, 0.95, 20) CT (1.6449,0.95,25) T (1,6449,0.95,0.1,15) W (1.6449,0.95,0.15,15) CT (1.6449,0.95,0.15,15) W (1.6449, 0.95, 0.15, 20) T (1.6449, 0.95, 0.15, 25) CT (1.6449, 0.95, 0.15, 25) W(1.6449,0.95,0.1,10) W (1.6449,0.95,0.1,15) T (1,6449,0.95,0.1,20) W(1.6449,0.95,0.1,20) W (1.6449, 0.95, 0.1, 25) CT (1.6449,0.95,0.15,10) 7 (1.6449,0.95,0.15,15) T (1.6449, 0.95, 0.15, 20) CT (1.64A9, 0.95, 0.15, 20) W (1.6449, 0.95, 0.15, 25) 7 (1,6449,0.95,02,10) W(1.6449,0.95,02,10) CT (1.6449,0.95,0.2,10) T(1,6449,0.95,0.2,15) W(16449,0.95,02,15) CT (1,6449,0.95,0.2,15)

Model (Parameters)