Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:1.0, Mean Gap Size of 10, Data Variance of 1 (Outliers in both\_in\_and\_out Period)  $ARL_1$ CT (1.6449, 1.0, 0.15, 25) CT (1.6449, 1.0, 0.15, 25) 2, 10) CT (1.6449.10.02,10) CT (1, 6449, 10, 20) CT (1.6449, 10.6449, 10, 25) CT (1,6449,10,30) W(1.6449, 10,0.1,15) W (1.6449, 10, 0.1, 20) CT (1.6449, 1.0, 0.15, 10) T (1.6449, 1.0, 0.15, 15) W(1.6449, 1.0, 0.15, 15) CT (1.6449, 1.0, 0.15, 15) T (1.6449, 1.0, 0.15, 20) W (1.6449, 1.0, 0.15, 20) W(1.64A9, 1.0, 0.15, 25) CT (1.6449, 1.0, 0.2, 15) T(1,6449,10,0.1,15) T(1.6449, 1.0,0.1,25) W (1.6449, 10,0.1,25) T (1,6449, 1.0,0.15,10) W(1.6449, 1.0,0.75, 10) W (1.6449, 10,0.2,10) W(1.6449, 10, 0.2, 15) T(1.6449, 10, 0.2, 20) W (1.6449, 10,0.1,10) T(1.6449, 1.0, 0.1, 20)

Model (Parameters)