Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:2.0, Mean Gap Size of 10, Data Variance of 1 (Outliers in both\_in\_and\_out Period)  $ARL_1$ T(1.6449, 2.0, 0.1, 15), 0.1, 15), 20) T(1.6449,20,0.1,25) CT (1.6449, 20, 02, 15) CT (1.6449, 20, 0.15, 20) CT (1.6449, 20, 0.15, 25) 2, 10) CT (1.64A9, 20, 0.1, 25), 30) CT (1.6449, 20, 0.1, 20), 25) W (16449, 20, 0.1, 20) T (1.6449, 2.0, 0.15, 10) T (1.6449, 20, 0.15, 15) W (1.6449, 20, 0.15, 15) CT (1.6449, 20, 0.15, 15) T (1.6449, 2.0, 0.15, 20) W (1.6449, 20, 0.15, 20) W(1.64A9, 20, 0.15, 25) W(1.6449,20,0.2,10) CT (1.6449, 2.0, 0.2, 15) T(1.6449, 20, 0.2, 20) W (1.8449, 20, 0.2, 20) W(1.6449,20,0.1,10) T (1.6449, 2.0, 0.1, 20) W(1.6449,20,0.15,10) CT (1.6449, 2.0, 0.15, 10) W(1.6449,20,0.2,15) Model (Parameters)