Boxplot of ARL<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:1, Mean Gap Size of 10 and Data Variance of 9 (No Outliers)  $ARL_0$ 100 T (1.6449, 1, 0.1, 20), 1, 0.1, 20), 25) T(1.6449,1,0.1,25),0.1,25),30) T(1.6449, 1.0.1, 15), 1.0.1, 15), 20) CT (1.6449, 1.6449, 1.0.15, 25) CT (1.6449, 1, 6449, 1, 0.15, 15) CT (1.6449, 1.6449, 1.0.15, 20) CT (1.6449, 1,02, 15) CT (1.6449, 1, 6, 489, 1, 0, 2, 10) CT (1.6449, 1, 0.1, 10), 15) W(1.6449, 1, 0.15, 15) W (1.6449, 1, 0.15, 20) W (1.6449, 1, 0.15, 25) CT (1.6449, 1, 02, 15) W(1.6449,1,0.1,10) T (1,6449, 1,0,15,10) W (1.6449, 1, 0.15, 10) W (1.6449, 1, 02, 10) W(1.6449, 1, 02, 15) 7(1.6449,1,0.2,20)

Model (Parameters)