Boxplot of ARL<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:0.9, Mean Gap Size of 0, Data Variance of 4 (Outliers in both\_in\_and\_out Period)

 $ARL_0$ 

T(1.6449,0.9,0.1,15),0.1,15),20) T(1.6449,0.9,0.1,20),0.1,20),25) CT (1.6449, 0.9, 0.15, 25) CT (1,6449,0.9,0.9,0.15,20) CT (1.6449,09,02,10) CT (1.6449, 0.9, 0.9, 0.2, 15) W (1.6449,0.9,0.15,10) W (1.64A9, 0.9, 0.15, 15) W(1.64A9,0.9,0.15,20) W (1.6449,0.9,0.15,25) W (1.6449,09,0.2,10) W (1.6449,09,02,15) Model (Parameters)