Boxplot of ARL<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:0.9, Mean Gap Size of 10 and Data Variance of 9 (No Outliers)  $ARL_0$ W (2.5759, 0.9, 0.9, 0.9, 0.9, 20) CT (2.5759, 0.9, 0.15, 25) CT (2.5759, 0.9, 0.9, 0.2, 10) CT (2.5759,09,02,15) CT (2.5759, 0.9, 5759, 0.9, 30) CT (2.5759,0.9,0.1,20),25) 7 (2.5759,0.9,0.1,15) T (2.5759,0.9,0.1,20) W (2.5759,0.9,0.1,25) T (2.5759,0.9,0.15,10) W (2.5759, 0.9, 0.15, 10) CT (2.5759,0.9,0.15,10) W(2.5759,0.9,0.15,15) CT (2.5759,0.9,0.15,15) T (2.5759, 0.9, 0.15, 20) W(2.5759,0.9,0.15,20) W(2.5759,0.9,0.15,25) W (2.5759,09,0.2,10) W (2.5759,0.9,0.2,15) CT (2.5759,0.9,0.2.15) W (2.5759,0.9,0.1,20) T (2.5759,0.9,0.1,25)

Model (Parameters)