Boxplot of ARL<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:1.96 alpha:0.9, Mean Gap Size of 1 and Data Variance of 1 (No Outliers)  $ARL_0$ W(1.96,0.9,0.1,15) 0.1,15) 20) W(1,96,09,01,20) 01,20) 25) W(1.96.0.9,0.1,25) 0.1,25) 30) CT(1.96,0.9,0.15,20) CT (1.96,0.9,0.15,20) CT(1.96,0.9,0.9,0.2,10) CT(1.96,0.9,0.2,15) CT (1.96,0.9,0.2,20) W(1.96,0.9,0.15,20) 1 (1.96,09,0.1,15) ~ (1.96,09,0,1,25) CT (1.96,09,0.15,10) W(1.96,0.9,0.15,15) W(1.96.0.9.0.15,25) W(1.96,0.9,0.2,10) 1(1,96,0,9,0,1,20) W(1.96,09,02,15)

Model (Parameters)