Boxplot of *ARL*<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:1.96 alpha:0.95, Mean Gap Size of 5 and Data Variance of 9 (No Outliers)  $ARL_0$ CT (1.96, 0.95, 0.15, 15) CT (1.96, 0.95, 0.95, 0.15, 20) CT (1.96,0.95,0.2,10) CT (1.96, 0.95, 0.96, 0.96, 30) CT (1.96, 0.95, 0.96, 0.96, 15) CT (1.96. 0.95, 0.7, 15), 20) CT (1.96.0.95,0.1.20), 25) W(1.96,0.95,0.1,10) T (1.96,0.95,0.1,15) W(1.96,0.95,0.1,15) T(1.96,0.95,0.1,20) W(1.96,0.95,0.1,20) T(1,96,0,95,0,1,25) W(1.96,0.95,0.1,25) 7 (1.96,0.95,0.15,10) W(1.96,0.95,0.15,10) W(1.96,0.95,0.15,15) W(1.96,0.95,0.15,20) CT (1.96,0.95,0.15,20) 7(1.96,0.95,0.15,25) W(1.96,0.95,0.15,25) W(1.96,0.95,0.2,10) CT (1.96,0.95,0.2,10) 7(1.96,0.95,0.2,15) W(1.96,0.95,02,15) CT (1.96,0.95,0.2,15) 7(1.96,0.95,0.2,20) W(1.96,0.95,02,20) CT (1.96.0.95, 0.2, 20)

Model (Parameters)