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 1 and Data Variance of 9 (No Outliers)  $ARL_0$ 

T(1.96, 0.95, 0.1, 25) 0.1, 25 CT (1.96, 0.95, 0.75, 26)

CT (1.96, 0.96, 0.95, 0.75, 26) W(1.96,0.95,0.1,20) 0.1,20),25) T (1.96,0.95,0.1,15) CT (1.96, 0.95, 0.95, 0.15, 15) CT(1.96.0.95,0.15,20) CT (1.96,0.95,0.2,10) CT (1.96.0,95,0.1,15), 20) T(1,96,0,95,0,1,20) T (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) 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(1.96,0.95,0.2,15) CT (1.96,0.95,0.2,15) 7(1.96,0.95,02,20) Model (Parameters)