Boxplot of *ARL*<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:1, Mean Gap Size of 10 and Data Variance of 4 (No Outliers)  $ARL_0$ 

T(2.5759, 1, 0.1, 25), 1, 0.1, 25), 1, 30) T(2.5759, 1, 0.1, 15)

CT(2.5759, 1, 0.1, 15)

CT(2.5759, 1, 0.1, 15)

CT(2.5759, 1, 0.1, 15)

CT(2.5759, 1, 0.1, 15) T(2.5759,1,0.1,20) 01,20) 1,20) 25) CT (2.5759, 1, 0, 15, 15)

CT (2.5759, 1, 0, 15, 20) CT (2.5759, 1, 0.15, 20) CT (25759, 1, 02, 15) CT (25759, 1, 02, 20) CT (2.5759, 1, 0.75, 25) 2, 10) 7 (2.5759, 1,0.15,10) CT (25759, 1, 0.15, 10) W (2.5759, 1, 0.15, 15) W (2.5759, 1, 0.15, 20) W (2.5759, 1, 0.15, 25) W (2.5759, 1,0.2, 10) W (2.5759, 1,02,15) Model (Parameters)