Boxplot of ARL<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:1.96 alpha:1, Mean Gap Size of 10 and Data Variance of 4 (No Outliers)

 $ARL_0$ T(1.96, 1, 0.1, 25) (1.96, 1, 0.1, 25) (30) T(1.96, 1, 0.1, 20) (1, 96, 1, 0.1, 20) (2, 26) CT(1.96, 1, 0.15, 20)
(279) W(1.96, 1,0.1,15), 1,15), 20) CT (1.96, 1.0.15, 15) W(1.96, 1, 0.15, 15) 7(1,96,1,0,15,10) T (1.96, 1, 0.1, 15)  $\frac{\text{CL}(\sqrt{36}, \sqrt{\sqrt{36}}, \sqrt{\sqrt{36}}$ Model (Parameters)