Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.96 alpha:1, Mean Gap Size of 5 (Outliers in in-control Period)

20.0 17.5 15.0 12.5 ARL<sub>1</sub> 7.5 CT(1.96, 1, 0.15, 25) 2, 10) (1.96, 1, 0.2, 10) CT(1.96, 1, 0.2, 10) 2, 15) W(1.96, 1, 0.1, 1, 1, 1, 1, 20) W(1,96,1,0,1,25), 25), 30) W(1.96, 1, 0.1, 20), 25) CT (1.96, 1, 0.15, 20)
T (1.96, 1, 0.15, 25) CT (1.96, 1, 0.15, 15)

CT (1.96, 1, 0.15, 20) CT (1.96, 1,02,15) 2,20) T (1.96, 1, 0.1, 15) W(1.96.1,0.15.15) W(1.96, 1, 0.15, 20) W(1.96.1,0.15,25) W(1.96, 1, 0.2, 20) T(1,96,1,0.1,25) T(1,96,1,0.1,20) Model (Parameters)