Boxplot of *ARL*<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.96 alpha:2.0, Mean Gap Size of 10 (Outliers in both\_in\_and\_out Period)

20.0

17.5

15.0

ARL<sub>1</sub>

7.5

W(1.96.20,0.1.20) 0.1.20, 25) CT (1.96, 20, 0.15, 15) (5, 20) CT (1.96, 2.0, 0.15, 20) CT (1.96, 2.0, 0.15, 25) CT(1.96,20.0.15,25) 2,10) CT (1.96,20,02,10) 2,15) W(1.96,20,0.1,10) T(1,96,20,0.1,15) W(1.96,20,0.1,25) CT (1.96,20,0.15,10) 7(1.96.20,0.15,15) W(1.96,20,0.15,15) W(1.96,20,0.15,20) W (1.96, 20, 0.15, 25) CT (1.96, 20, 0.2, 15) ct (1.96, 20, 0.2, 20) W(1.96,20,0.1,15) T(1.96,20,0.1,20) ~ (1.96,20,0:1,26) W(1.96,20,02,10) W(1.96,20,02,15) 7(1.96, 20, 0.2, 20) Model (Parameters)