Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:2.0, Mean Gap Size of 10 (Outliers in both\_in\_and\_out Period) CT (1.6449, 20, 0.15, 25) 2, 10) CT (1,6449,20,01,10),15) CT (1,6449, 20,01,15), 20) CT (1.6449, 20, 0.1, 25), 30) CT (1.6449, 20, 0.1, 20), 25) W(1.64A9, 20, 0.1, 15) T (1.6449, 2.0, 0.1, 20) W (1.6449, 20, 0.1, 25) W(1.6449,20,0.15,15) CT (1.6449,20,0.15,15) CT (1.6449, 2.0, 0.15, 20) T (1.6449, 2.0.0.15, 25) W (1.6449, 20, 0.15, 25) W(1.6449,20,02,10) CT (1.6449, 20, 0.2, 10) T(1.6449,20,02,15) W (1.6449, 20, 0.2, 15) CT (1.6449, 20, 0.2, 15) W (1.6449, 20, 0.2, 20) CT (1.6449, 2.0, 0.2, 20) W (1.6449, 20, 0.1, 10) T (1.6449,20,0.1,15) W (1.6449, 20, 0.1, 20) T (1.6449, 2.0, 0.1, 25) W (1.6449, 20, 0.15, 10) CT (1.6449, 2.0, 0.15, 10) T (1.6449, 20, 0.15, 15) T (1.6449, 20, 0.15, 20) W (1.6449, 2.0, 0.15, 20) 7(16449,20,02,20) 7(1,6449,20,02,25)

Model (Parameters)

20.0

17.5

15.0

ARL<sub>1</sub>

7.5