Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:2.5, Mean Gap Size of 5 (Outliers in both\_in\_and\_out Period)

ARL<sub>1</sub>

T(1.6449, 2.5, 0.1, 15), 2.5, 0.1, 15), 20) W (1.6449, 2.5, 0.1, 20), 2.5, 25) W (1.6449, 2.5, 0.1, 25), 25, 30) CT (1.6449, 2.5, 0.15, 25) CT (1.6449, 2.5, 0.15, 25) 2, 10) T (1.6449, 2.5, 0.1, 20) T (1,6449,2,5,0,1,25) T (1.6449, 2.5, 0.15, 10) W (1.6449, 25, 0.15, 10) CT (1.6449, 2.5, 0.15, 10) W (1.6449, 25, 0.15, 15) CT (1.6449, 2.5, 0.15, 15) T(1.6449, 2.5, 0.15, 20) W (1.6449, 2.5, 0.15, 20) W (1.6449, 2.5, 0.15, 25) W(1.8449, 25, 0.2, 10) CT (1.8449, 2.5, 0.2, 10) 7(1,6449,25,02,15) W (1.6449, 25, 0.2, 15) CT (1.6449, 25, 0.2, 15) 7 (1.6449, 25, 0.2, 20) Model (Parameters)