Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:1.5, Mean Gap Size of 1, Data Variance of 4 (Outliers in both\_in\_and\_out Period) 350 100 50 W(1,6449, 15,0,1,25), 15,30) T (1.6449, 1.5, 0.1, 15) CT (1.6449, 1.5, 0.15, 20) CT (1.6449, 1.5, 0.2, 10) CT (1.8449, 1.5, 0.2, 15) CT (1.6449, 1.5, 20) CT (1,6449, 15, 25) W (1.6449, 1.5, 0.15, 25) W (1.8449, 15, 0.2, 15) CT (1.8449, 1.5, 0.2, 15) T (1,6449, 1.5, 0.1, 20) W(1.6449, 15, 0.1, 20) T(1.6449, 1.5, 0.1, 25) T (1.6449, 1.5, 0.15, 10) W (1.6449, 1.5, 0.15, 10) CT (1.6449, 1.5, 0.15, 10) T (1.6449, 1.5, 0.15, 15) W (1.6449, 1.5, 0.15, 15) CT (1.6449, 1.5, 0.15, 15) T(1.6449, 1.5, 0.15, 20) W (1.6449, 1.5, 0.15, 20) W(1.6449, 15, 0.2, 10) CT (1.6449, 1.5, 0.2, 20) 7(16449, 15, 02, 20) Model (Parameters)