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 5, Data Variance of 4 (Outliers in both\_in\_and\_out Period) 20 ARL<sub>1</sub> CT (1.6449, 1.5, 0.2, 10) CT (1, 6449, 15, 20) CT (16449, 15, 26) CT (1.6449, 1.5, 0.1, 25), 30) W (164A9, 15, 0.1, 15) W (1.6449, 15, 0.1, 20) 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(1.64A9, 1.5, 0.15, 20) CT (1.6449, 1.5, 0.15, 20) T (1.6449, 1.5, 0.15, 25) W (1.6449, 1.5, 0.15, 25) W (1.6449, 15, 0.2, 10) CT (1.6449, 1.5, 0.2, 10) 7(1.6449, 15, 0.2, 15) CT (1.6449, 1.5, 0.2, 15) 7(16449, 15, 02, 20) W (1.6449, 15, 0.2, 20) T(1,6449, 1,5,0.1, 10) W (1.6449, 15, 0.1, 10) T(1.6449, 1.5, 0.1, 15) T(1,6449,1,5,0.1,20) T(1,6449,1,5,0.1,25) W (1.8449, 15, 0.1, 25) T (1,6449, 1.5,0.15,10) W (1.6449, 1.5, 0.15, 10) W (1.6449, 15, 0.2, 15) CT (1.6449, 1.5, 0.2, 20) T(1,6449, 1,5,02,25) Model (Parameters)