Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:2.5, Mean Gap Size of 1, Data Variance of 1 (Outliers in both\_in\_and\_out Period) ARL<sub>1</sub> 150 T (2.5759, 2.5, 0.1, 20)

CT (2.5759, 2.5, 0.1, 20) T (2.5759, 2.5, 0.1, 25) (2.5759, 2.5, 0.1, 25) (2.5759, 2.5, 30) T (2.5759, 2.5, 0.1, 15) (2.5759, 2.5, 0.1, 15) (2.5759, 2.5, 0.1, 15) (2.5759, 2.5, 0.1, 15) (2.5759, 2.5, 2.5) CT (25159, 25, 0.15, 25) CT (25759, 25, 0.15, 25) CT (2.5759, 2.5, 0.2, 5, 0.2, 10) CT (2.5759, 2.5, 0.2, 15) CT (25759, 25, 02, 15) 7 (2.5759, 25, 0.2, 20) T (2.5759, 2.5, 0.15, 10) W (2.5759, 2.5, 0.15, 10) CT (2.5759, 2.5, 0.15, 10) 7 (2.5759, 2.5, 0.15, 15) W(2.5759, 2.5, 0.15, 15) W(25759, 25, 0.15, 20) W(25759, 25, 0.15, 25) W (2.5759, 25, 0.2, 10) W (2.5759, 25, 0.2, 15)

Model (Parameters)