Boxplot of ARL₀ for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:0.9, Mean Gap Size of 1 (Outliers in both_in_and_out Period)

500

400

 ARL_0

100

T (2.5759, 0.9, 0.1, 15) 0.1, 15) 0.1, 15) 0.1, 15) 0.1, 15) 0.9, 20) W (2.5759, 0.9, 0.1, 20), 25) CT (2.5759, 0.9, 0.15, 25) CT (2.5159, 0.9, 0.9, 0.2, 15) CT (2.5759, 0.9, 0.9, 0.2, 10) W(25759,0.9,0.15,15) W (2.5759, 0.9, 0.15, 25) CT (2.5759,0.9,0.2,15) T (2.5759,0.9,0.15,10) W(25159,0.9,0.15,10) CT (2.5759,0.9,0.15,15) 7(2.5759,0.9,0.15,20) W (2.5759, 0.9, 0.15, 20) W (2.5759,09,0.2,10) W (2.5759, 0.9, 0.2, 15) 7 (2.5759,0.9,0.1,20) Model (Parameters)