Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:2.5, Mean Gap Size of 5 (Outliers in out-of-control Period) 250 ARL₁ CT (1.6449, 2.5, 0.1, 15), 20) CT (1.6449, 25, 0.1, 20), 25) W (1.6449, 25, 0.1, 25) T(1.6449, 2.5, 0.1, 15) W (1.6449, 2.5, 0.1, 15) T (1.6449, 2.5, 0.1, 20) W (1.6449, 2.5, 0.1, 20) T (1.6449, 2.5, 0.1, 25) T (1.8449, 2.5, 0.15, 10)

CT (1.6449, 2.5, 0.15, 25) 2, 10) W(1.6449, 2.5, 0.15, 10) CT (1.6449, 25, 0.15, 10) W(1.64A9, 25, 0.15, 15) CT (1.6449, 2.5, 0.15, 15) T (1.6449, 2.5, 0.15, 20) W (1.6449, 25, 0.15, 20) CT (1.6449, 2.5, 0.15, 20) T(1.64A9, 25,0.15, 25) W (1.6449, 2.5, 0.15, 25) W(1.6449, 25, 0.2, 10) CT (1.6449, 2.5, 0.2, 10) T(1.6449, 25, 0.2, 15) W (1.6449, 25, 0.2, 15) CT (1.6449, 25, 0.2, 15) T (1.6449, 2.5, 0.15, 15) T(1.6449, 25, 0.2, 20) Model (Parameters)