Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:0.95, Mean Gap Size of 5, Data Variance of 4 (Outliers in both_in_and_out Period) 15.0 12.5 ARL_1 0.0 CT (1.6449, 0.95, 0.95, 15) CT (1.6449,0.95,0.1,0.95,20) CT (1.6449,0.95,25) CT (1.6449, 0.95, 0.1, 25), 30) T (1.6449,0.95,0.1,20) CT (1.6449, 0.95, 0.15, 15) 7(1.6449,0.95,0.15,20) T (1.6449, 0.95, 0.15, 25) CT (1.6449, 0.95, 0.15, 25) CT (1.6449,0.95,0.2.15) T (1.6449, 0.95, 0.2, 20) W (1.6449, 0.95, 0.2, 20) CT (1.6449, 0.95, 02, 20) W (1.6449,0.95,0.1,10) W(1.6449,0.95,0.1,15) W(1.6449,0.95,0.1,20) T (1.6449,0.95,0.1,25) W (1.6449,0.95,0.1,25) W (1.6449,0.95,0.15,10) CT (1.6449,0.95,0.15,10) T(1,6449,0,95,0,15,15) W (1.6449, 0.95, 0.15, 15) W (1.6449, 0.95, 0.15, 20) CT (1.6449,0.95,0.15,20) W (1.6449, 0.95, 0.15, 25) T (1,6449,0.95,0.2,10) W(1,6449,0.95,02,10) CT (1.6449,0.95,0.2,10) T (1.6449, 0.95, 0.2, 15) W(1.6449,0.95,02,15)

Model (Parameters)