Boxplot of ARL₀ for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:0.9, Mean Gap Size of 10 and Data Variance of 9 (No Outliers) 500 ARL_0 CT (1.6449, 0.9, 0.15, 26) CT (1.6449, 0.9, 0.2, 10) CT (1.8449, 0.9, 0.2, 15) CT (1,6449,09,6449,09,15) CT (1,6449, 0,9,20) CT (1.6449,09,09,25) CT (1.6449, 0.9, 6449, 0.9, 30) 7 (1,6449,0,9,0.1,15) W (1.6449, 0.9, 0.1, 15) T (1.6449,0.9,0.1,20) W(1.6449,09,0.1,20) T (1.6449,0.9,0.1,25) W (1.6449,09,0.1,25) T (1.6449,0.9,0.15,10) CT (1.6449,0.9,0.15,10) T (1.6449, 0.9, 0.15, 15) W (1.6449,09,0.15,15) CT (1.6449,09,0.15,15) 7(1.6449, 0.9, 0.15, 20) W (1.6449, 0.9, 0.15, 20) W (1.6449,0.9,0.15,25) W(1.6449,09,02,10) W(1.6449,09,0.2,15) CT (1.6449, 0.9, 0.2, 15) W(1.6449,09,02,20) CT (1.6449, 0.9, 0.2, 20) W(1.6449,09,0.1,10) W (1.6449,09,0.15,10) T(1,6449,0.9,0.2,20) T(1,6449,0.9,0.2,25)

Model (Parameters)