Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:0.95, Mean Gap Size of 1 (No Outliers) 350 250 ARL₁ 150 CT (2.5759,0.95,0.95, 15) CT (2.5759,0.95,0.1,0.95,20) CT (2.5759, 0.95, 2.5159, 0.95, 25) CT (2.5759, 0.95, 0.95, 30) W(25759,0.95,0.1,10) 7 (2.5759,0.95,0.1,15) W(2.5759,0.95,0.1.15) T (2.5759,0.95,0.1,20) W (2.5759, 0.95, 0.1, 20) T (2.5759,0.95,0.1,25) W (2.5759,0.95,0.1,25) 7 (2.5759,0.95,0.15,10)

CT (2.5759,0.95,0.95,0.2.10) 7 (2.5759, 0.95, 0.15, 20) CT (2.5759,0.95,0.15,20) T(2.5759, 0.95, 0.2, 15) W (2.5759,0.95,0.15,10) CT (2.5759,0.95,0.15,10) W (2.5759,0.95,0.15,15) CT (2.5759, 0.95, 0.15, 15) W (2.5759,0.95,0.15,20) 7 (2.5759,0.95,0.15,25) W (2.5759,0.95,0.15,25) W (2.5759,0.95,02,10) CT (2.5759,0.95,0.2,10) W (2.5759,0.95,02,15) CT (2.5759,0.95,0.2.15) T (2.5759, 0.95, 0.2, 20) Model (Parameters)