Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:1.5, Mean Gap Size of 10 and Data Variance of 4 (No Outliers) WM (2:2.5759, 8:1.5, (0.1, 10)) CTM (Z:2.5759, a:1.5, (0.1, 10)) CTM (Z:2.5759, a:1.5, (0.1, 15)) CTM (Z:2.5759, a:1.5, (0.1, 20)) CTM (2:2.5759, a:1.5, (0.15, 10)) CTM (2:25759, a:1.5, (0.15, 15)) CTM (2:2.5759, a:1.5, (0.15, 20)) WM (2:25759, a:1.5, (0.2, 15)) CTM (Z:2.5759, a:1.5, (0.2, 15)) WM (2:2.5759, a:1.5, (0.2, 20)) WM (2:2.5759, a:1.5, (0.1, 15)) WM (2:2:5759, a:1.5, (0.1, 20)) WM (z.2.5759, a.1.5, (0.15, 10)) TM (Z:2.5759, a:1.5, (0.15, 15)) WM (2:2.5759, a:1.5, (0.15, 15)) WM (2:2.5759, a:1.5, (0.15, 20)) WM (2:2.5759, a:1.5, (0.2, 10)) CTM (2:2.5759, a:1.5, (0.2, 10)) SWM (2:2.5759, a:1.5,15) TM (Z:2.5759, a:1.5, (0.1, 15)) SWM (2:2.5759, a:1.5,20) TM (2:2.5759, a: 1.5, (0.1, 20)) SWM (2.2.5759, a.1.5,25) TM(Z:2.5759, a:1.5, (0.15, 10)) SWM (2:2.5759, a.1.5,30)

Model (Parameters)

16

12

 ARL_1