Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:3, Mean Gap Size of 5, Data Variance of 4 (Outliers in in-control Period) CTM (z.1.96, a.3, (0.1, 15)) CTM (z.1.96, a.3, (0.1, 20)) SWM (z.1.96, a.3, 25) CTM (z:1.96, a:3, (0.1, 10)) SWM (z:1.96, a:3, 15) CTM (X:1.96, a:3, (0.15, 10)) (X:1.96, a:3,30) WM (z:1.96, a:3, (0.1, 10)) WM (2:1.96, a:3, (0.1, 15)) MW (5:1:36.3:3,(0.1,20)) WM (Z:1.96, 8:3, (0.15, 20)) WM (2:1.96, a:3, (0.2, 10)) TM (Z:1.96,3:3,(0.1,15)) TM (2:1.96, 2:3, (0.1, 20)) TM (Z:1, 96, 2:3, (0.15, 10)) CTM (Z:1.96,2:3,(0.15, 15)) TM (2:1.96, a:3, (0.15, 20)) CTM (Z:1.96, 2:3, (0.15, 20)) TM (2:1.96, 2:3, (0.2, 10)) CTM (Z:1.96, 3:3, (0.2, 10)) Model (Parameters)