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 9 (Outliers in in-control Period) 350 300 100 CTM (z:1.96, a:3, (0.1, 10)) (z:1.96, a:3, 15) CTM (z:1.96, a:3, (0.1, 15)) (2:1.96, a:3,20) CTM (Z:1.96, a:3, (0.1, 201) (Z:1.96, a:3, 25) CTM (Z:1.96, a:3, (0.15, 10)) (Z:1.96, a:3,30) WW (5:1:06:8:3:10:1,10)) TM (Z:1.96,3:3,(0.1,15)) WW (2:1.96,8:3,(0.1,15)) WM (2:1:96, 3:3, (0.1, 20)) TM (2:1.96, 8:3, (0.1, 20)) TM (Z:1.96,2:3,(0.15,10)) TM (Z:1.96, a:3, (0.15, 15)) CTM (Z:1.96, a:3, (0.15, 15)) TM (Z:1.96, a:3, (0.15, 20)) WM (Z:1.96,8:3,(0.15,20)) CTM (Z:1.96,3:3,(0.15,20)) TM (Z.1.96, 3:3, (0.2, 10)) WM (2:1.96, a:3, (0.2, 10)) CTM (Z:1.96,8:3,(0.2,10)) WM (z:1.96, a:3, (0.2, 15)) CTM (z:1.96, a:3, (0.2, 15)) TM (2.1.96,2.3,(0.2, 15)) Model (Parameters)