Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:1, Mean Gap Size of 1, Data Variance of 4 (Outliers in in-control Period) 400 350 250 ARL₁ 150 100 CTM (z:1.96, a:1, (0.1, 201) (z:1.96, a:1, 25) CTM (Z:1.96,3:1,(0.15,10)) (Z:1.96,3:1,30) WM (z:1.96,a:1,(0.1,10)) WW (x:1.98,a:1,(0.1,15)) CTM (z:1.96,8:1,10.1,151) WW (x:1.96,a:1,(0.1,20)) WM (Z:1.96,8:1,(0.15,20)) CTM (Z:1.96, 3:1, (0.15, 20)) TM (Z:1.96, 2:1, (0.2, 10)) CTM (Z:1.96,3:1,(0.1.10)) TM (2:1.96, 2:1, (0.1, 15)) SWM (2.1.96, a.1,20) TM (Z:1.96,3:1,(0.1,20)) TM (Z:1.96,a:1,(0.15, 10)) TM (2:1,96,a:1,10.15,201) Model (Parameters)