Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:2, Mean Gap Size of 1, Data Variance of 1 (Outliers in out-of-control Period) 350 300 150 CTM (Z:1.96, 3:2, (0.1, 10)) a:2, 15) CTM (2:1.96, a:2, (0.1, 15)) SWM (2:1.96, a:2,20) CTM (Z:1.96, 3:2, (0.1, 201) (Z:1.96, a:2, 25) CTM (X:1.96, a:2, (0.15, 10)) (X:1.96, a:2,30) WM (2:1:96, a:2, (0.1, 10)) TM (Z:1.96,3:2,(0.1, 15)) WW (x:1.98,a:2,(0.1,15)) TM (Z:1,96,3:2,(0.1,20)) WM (2:1:96, a:2, (0.1, 20)) TM (2:1.96, a:2, (0.15, 20)) WM (Z:1.96, 8:2, (0.15, 20)) WM (2:1.96, a:2, (0.2, 10)) CTM (2:1.96, a:2, (0.2, 15)) CTM (Z:1.96,8:2,(0.15, 15)) CTM (Z:1.96,3:2,(0.15,20)) Model (Parameters)