Boxplot of *ARL*₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:2, Mean Gap Size of 5 (Outliers in out-of-control Period) 350 ARL₁ 100 50 CTM (z:1.96, a:2, (0.1, 201) (z:1.96, a:2, 25) CTM (Z:1.96, a:2, (0.15, 10)) (Z:1.96, a:2,30) WM (2:1:96, a:2, (0.1, 10)) TM (Z:1,96,8:2,(0.1,15)) WM (Z:1.96,2:2,(0.1, 15)) CTM (Z.1.96, a.2.(0.1, 15)) SWM (Z.1.96, a.2,20) TM (Z:1,96,3:2,(0.1,20)) WM (2:1.96, a:2, (0.1, 20)) WM (Z:1.96, 2:2, (0.15, 20)) CTM (Z:1.96,3:2,(0.15,20)) TM (Z.1.96, 3:2, (0.2, 10)) WM (2:1.96, a:2, (0.2, 10)) CTM (Z:1.96, 3:2, (0.1.10)) CTM (z:1.96,8:2,(0.15, 15)) TM(2:1.96,a:2,10.15,201) Model (Parameters)