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 in-control Period) 350 ARL₁ 150 100 CTM (2:1.96, a:2, (0.1, 15)) SWM (2:1.96, a:2,20) CTM (Z:1.96, a:2, (0.1, 201)
SWM (Z:1.96, a:2, 25) CTM (Z:1.96, a:2, (0.15, 10)) (Z:1.96, a:2,30) WM (Z:1.96, a:2, (0.1, 15)) WM (2:1:96, a:2, (0.1, 10)) CTM (Z:1.96, a:2, (0.1, 10)) TM (Z:1.96,3:2,(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, 10)) TM (Z:1.96, a:2, (0.15, 15)) CTM (z:1,96,a:2,(0.15, 15)) TM (Z.1.96, a.2.(0.15, 20)) WM (Z:1.96, 2:2, (0.15, 20)) CTM (Z:1.96,3:2,(0.15,20)) TM (2:1.96, 2:2, (0.2, 10)) WM (z.1.96, a.2, (0.2, 10)) CTM (Z:1.96,3:2,102,10)) WM (2:1.96, a:2,(0.2, 15)) CTM (z.1.96, a.2, (0.2, 15)) SWM (2.1.96, a.2, 15) TM (Z:1.96,3:2,(0.2, 15)) Model (Parameters)