Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:1, Mean Gap Size of 5, Data Variance of 9 (Outliers in in-control Period) 20.0 17.5 15.0 ARL₁ 7.5 2.5 CTM (z:1.96, a:1, (0.1, 151) (2:1, 96, a:1, 20) CTM (z:1.96, a:1, (0.1, 201) SWM (z:1.96, a:1, 25) CTM (Z:1.96,8:1,(0.15,10))
CTM (Z:1.96,8:1,30) WW (5:1:06:3:1,(0.1,20)) wm (z:1.96,a:1,(0.1,10)) CTM (z:1.96, a:1, (0.1, 10)) TM (Z:1,96,8:1,(0.1,15)) WM (z:1.96,a:1,(0.1,15)) TM (2:1,96,3:1,(0.1,20)) TM (Z:1.96, a:1, (0.15, 10)) TM (Z:1.96,a:1,(0.15, 15)) WM (Z:1,96,8:1,(0.15, 15)) CTM (Z:1.96,2:1,(0.15, 15)) TM (Z:1.96,a:1,(0.15,20)) WM (Z:1.96, a:1, (0.15, 20)) CTM (Z:1.96, 3:1, (0.15, 20)) TM (2.1.96,3.1,(0.2,10)) WM (2:1.96, a:1, (0.2, 10)) WM (X:1.96, a:1, (0.2, 15)) CTM (z.1.96, a.1, (0.2, 15)) SWM (Z.1.96, a.1, 15) WM (Z:1,96,8:1,(0.15,10)) CTM (Z:1.96, 3:1, (0.2, 10)) TM (Z:1.96,3:1,(0.2, 15)) Model (Parameters)