Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:3, Mean Gap Size of 5, Data Variance of 4 (Outliers in out-of-control Period) 100 CTM (2:1.96, a:3, (0.1, 15)) SWM (2:1.96, a:3,20) CTM (z:1.96, a:3, (0.1, 201) (2:1.96, a:3, 25) CTM (Z:1.96, 8:3, (0.1, 10)) (Z:1.96, 8:3, 15) CTM (Z:1.96,8:3,(0.15,10))
CTM (Z:1.96,8:3,30) WM (z:1.96, a:3, (0.1, 10)) WM (2:1.96, a:3, (0.1, 20)) WM (Z:1.96,8:3,(0.15,20)) TM (Z:1.96,3:3,(0.1,15)) WW (X:1.98,8:3,(0.1,15)) TM (Z:1,96,3:3,(0.1,20)) TM (2:1.96,2:3,(0.15,10)) CTM (Z:1.96,2:3,(0.15, 15)) TM (2.1.96, a.3, (0.15, 20)) CTM (Z:1.96, 2:3, (0.15, 20)) TM (2:1.96, 2:3, (0.2, 10)) WM (z:1.96, a:3, (0.2, 10)) CTM (Z:1.96, 3:3, (0.2, 10)) Model (Parameters)