Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:2.5, Mean Gap Size of 5 and Data Variance of 9 (No Outliers) 250 200 150 CTM (Z:1.96, 2:2.5, (0.15, 10)) CTM (Z:1.96, a:2.5, (0.1, 10)) SWM (2.1.96, a.2.5, 15) CTM (Z:1.96, 2:2.5, (0.1, 15)) SWM (2:1.96, a:2.5,20) CTM (Z:1.96,2:2.5,(0.1,20)) WM (2:1.96, a:2.5, (0.15, 10)) SWM (2:1.96, 3:25,30) WM (z:1.96, a:2.5, (0.15, 15)) CTM (Z:1.96, a:2.5, (0.15, 15)) WM (z:1.96,2:2.5,10.15,20)) CTM (2:1.96, a:2.5, (0.15, 20)) CTM (Z:1.96, 2:25, (0.2, 10)) CTM (Z:1.96,a:2.5,10.2,151) TM (Z:1.96, 2:2.5, (0.1., 10)) WM (Z:1.96, 3:2.5, (0:1, 10)) TM (2:1.96, a:2.5, (0.1, 15)) WW (Z:1.96,3:2.5,(0.1, 15)) TM(2:1,96,2:2,5,10.1,20)) WM (Z:1.96, 3:2.5, (0.1, 20)) TM(Z:1.96,8:2.5,(0.15, 10)) TM (Z:1,96,8:2.5,(0.15, 15)) WM (Z:1.96,3:2.5,(0.2,10)) WM (Z:1,96,8:25,10.2,151)

Model (Parameters)