Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:2, Mean Gap Size of 1 (Outliers in both_in_and_out Period) 350 4RL₁ 150 50 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) (z:1.96, a:2, 25) CTM (Z:1.96, a:2, (0.15, 10)) (Z:1.96, a:2,30) SWM (2.1.96, a.2.15) WM (2:1:96, a:2, (0.1, 10)) CTM (Z:1.96, a:2, (0.1, 10)) TM (Z:1.96, a:2, (0.1, 15)) WW (x:1.98,a:2,(0.1,15)) TM (Z:1,96,3:2,(0.1,20)) WW (2:1:96, a:2, (0.1, 20)) CTM (2:1.96,2:2,(0.15, 15)) TM (2:1.96, a:2, (0.15, 20)) WM (Z:1.96, a: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)) WM (2:1.96, a:2,(0.2, 15)) CTM (z.1.96, a.2, (0.2, 15)) Model (Parameters)