Boxplot of *ARL*₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:2, Mean Gap Size of 5 (Outliers in burn-in Period) ARL₁ CTM (Z:1.96.8:2,(0.1,10)) 8:2,15) CTM (z:1.96, a:2, (0.1, 15)) a:2,20) CTM (2:1.96, a:2, (0.1, 201) (2:1.96, a:2, 25) WM (z:1.96, a:2, (0.1, 10)) TM (Z:1,96,3:2,(0.1,20)) WM (2:1.96, a:2, (0.1, 20)) TM (Z:1.96,2:2,(0.1, 15)) WM (z:1.96,a:2,(0.1,15))

CTM (Z:1.96, a:2, (0.15, 10)) (Z:1.96, a:2,30) WM (Z:1.96, 2:2, (0.15, 20)) CTM (2:1,96,3:2,(0.15,20)) TM(2:1.96,a:2,10.15,201) Model (Parameters)