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 4 (No Outliers) 400 ARL₁ 50 CTM (Z:1.96,3:2.5,(0.1,10)) SWM (2.1.96, a.2.5, 15) CTM (Z:1.96,3:2.5,(0.1,15)) SWM (2:1.96, a.2.5,20) CTM (Z:1.96,3:2.5,(0.1,20)) CTM (2:1.96, a:2.5, (0.15, 10)) WM (z:1.96,a:2.5,(0.15, 15)) CTM (Z:1, 96, 8:2.5, (0.15, 15)) WM (Z:1.96,2:2.5,(0.15,20)) CTM (2:1.96, a:2.5, (0.15, 20)) CTM (Z:1.96, a:2.5, (0.2, 10)) CTM (Z:1.96, a:2.5, (0.2, 15)) WM (Z:1.96,8:2.5,(0.1.,10)) TM (2:1.96,8:2.5,(0.1, 15)) WM (Z:1.96,3:2.5,(0.1, 15)) TM (2:1.96,3:2.5,(0.1,20)) WM (Z:1.96,3:2.5,(0.1,20)) TM (Z:1.96, 8:2.5, (0.15, 10)) TM (Z:1.96, 2:2.5, (0.15, 15)) MM (Z:1.96,3:2.5,(0.2,10)) WM (Z:1.96,8:2.5,(0.2,15))

Model (Parameters)