Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:1.5, Mean Gap Size of 1, Data Variance of 1 (Outliers in out-of-control Period) 250 ARL₁ CTM (Z:1.96, a:1.5, (0.15, 10)) (2:1.96, a:1.5,30) CTM (Z:1.96, 2:1.5, (0.1, 15))
SWM (Z:1.96, 2:1.5, 20) CTM (2:1.96, 2:1.5, (0.1, 20)) WM (Z:1.96, 2:1.5, (0.15, 20)) CTM (Z:1.96,2:1.5,10.15,20)) TM (Z:1.96,a:1.5,(0.1, 15)) WM (Z:1,96,8:15,(0.1,20)) SWM (2:1.96.8.1.5,25) TM (Z.1.96, a.1.5, (0.2, 10)) CTM (Z:1.96, a:1.5, (0.1, 10)) WM (Z:1,96,8:1,5,(0.1,15)) TM (Z:1.96,a:1.5,(0.1,20)) TM (2:1.96, 8:1, 5, (0.15, 10)) WM (Z:1.96,8:1.5,(0.2, 10)) Model (Parameters)