Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:1, Mean Gap Size of 10, Data Variance of 4 (Outliers in in-control Period) CTM (z:1.96,a:1,(0.1,15))
SWM (z:1,96,a:1,20) CTM (Z:1:96, 3:1, (0:1, 20))
SWM (Z:1:96, 3:1, 25) CTM (z:1.96,a:1,(0.1,10)) TM (Z:1.96, a:1, (0.1, 15)) WM (z:1.96,a:1,(0.1,15)) TM (Z:1.96, a:1, (0.1, 20)) WM (Z:1.96, a:1, (0.1, 20)) TM (Z:1.96, a:1, (0.15, 20)) WM (Z:1.96, 2:1, (0.15, 20)) CTM (Z:1.96,3:1,(0.15,20)) TM (Z:1.96, 2:1, (0.2, 10)) WM (z:1.96, a:1, (0.2, 10)) TM (Z:1,96,3:1,(0.2,15)) CTM (2:1.96, a:1, (0.2, 15)) WM (2:1.96,a:1,(0:1,10)) SWM (2:1.96, a.1, 15) TM (Z:1,96,a:1,(0,15,10)) CTM (Z:1.96,8:1,(0.15,10)) WM (Z:1.96,8:1,(0.15, 15)) CTM (Z:1.96,3:1,(0.15, 15))

Model (Parameters)

12