Boxplot of *ARL*<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.96 alpha:1.5, Mean Gap Size of 1 (Outliers in in-control Period) ARL<sub>1</sub> 100 CTM (Z:1.96, a:1.5, (0.1, 10)) (Z:1.96, a:1.5, 15) CTM (Z:1.96, a:1.5, (0.1, 20))
SWM (Z:1.96, a:1.5, 25) 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) WM (z:1.96,2:1.5,(0.15,20)) TM (Z:1.96,a:1.5,(0.1.15)) WM (Z:1,96,8:1,5,10.1,20)) CTM (Z:1.96, a:1.5, (0.15, 20)) WM (Z:1,96,8:1,5,10.1,151) TM [Z:1.96,a:1.5,[0.1,20]) TM (Z:1.96, 2:1, 5, (0.15, 10)) TM (Z.1.96, a.1.5, (0.2, 10)) WM (Z:1.96, a:1.5, (0.2, 10)) CTM (Z:1.96, 2:1, 5, (0.2, 10)) TM (Z:1.96,3:1.5,(0.15, 15))

Model (Parameters)