Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:1, Mean Gap Size of 1, Data Variance of 9 (Outliers in in-control Period) ARL<sub>1</sub> CTM (Z.2.5759, a:1, (0.1, 201) SWM (Z.2.5759, a:1, 25) CTM (2:2:5759, a:1,(0.1, 10)) (2:2:5759, a:1,15) CTM (2:2.5759, a:1, (0.1, 15))
SWM (2:2.5759, a:1, 20) CTM (Z:2.5759, a:1, (0.15, 10))

CTM (Z:2.5759, a:1, (0.15, 15))

MC CTM (Z:2.5759, a:1, (0.15, 20)) TM (Z:2.5759,3:1,(0.1, 15)) WM (2:2.5759, a:1, (0.1, 15)) TM (Z:2.5759,3:1,10.1,201) TM (2:25159, a:1, (0.15, 10)) CTM (2:2.5759,2:1,(0.15, 15)) WM (2:2.5759, a:1, (0.15, 20)) TM (2:2.5759, 3:1, (0.2, 10)) WM (2:2:5759,a:1,(0.2,10)) CTM (2:2.5759, a:1, (0.2, 10)) WM (2:25759, a: 1, (0.1, 10)) TM (2:2.5759, a:1, (0.15, 20))

Model (Parameters)