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 10, Data Variance of 9 (Outliers in burn-in Period) CTM (2:2.5759, a:1, (0.15, 10))
CTM (2:2.5759, a:1, 30) CTM (2:2:5759, a:1, (0.1, 20)) CTM (2:2.5759, a:1, (0.15, 20)) CTM (2:2:5759, a:1, (0.1, 10)) SWM (2.25759, a.1,15) TM (Z:2.5759,3:1,(0.1.,15)) WM (2:2.5759,a:1,(0.1,15)) CTM (Z:2.5759, 2:1, (0.1, 15)) SWM (2:2.5759, a.1, 20) TM (2:2.5759,3:1,(0.1,20)) WM (2:2.5759,a:1,10.1,201) TM (2:2.5759, a:1, (0.15, 10)) WM (Z:2.5759,a:1,(0.15,10)) WM (2:2.5759, 8:1, (0.15, 15)) CTM (2:2.5759, a:1, (0.15, 15)) WM (2:2.5759, a:1, (0.15, 20)) TM (2.2.5759, 3.1, (0.2, 10)) WM (Z:2.5759, a:1, (0.2, 10)) CTM (Z:2.5759, a:1, (0.2, 10)) WM (2:2:5759, 2:7, (0:2, 15)) CTM (Z:2.5759, a:1, (0.2, 15)) TM (2:2:5759, a:1, (0:15, 20)) TM (Z:2.5759,3:1,(0.2, 15))

Model (Parameters)