Boxplot of ARL<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:1, Mean Gap Size of 10 (Outliers in burn-in Period) CTM (Z.2.5759, a:1, (0.1, 201) SWM (Z.2.5759, a:1, 25) CTM (2:2.5759, a:1,10.1, 101)
SWM (2:2.5759, a:1,15) CTM (Z:2.5759, a:1,10.1,151) SWM (Z:2.5759, a:1,20) WM (2:2.5759, a:1, (0.1, 10)) TM (Z:2.5759,3:1,(0.1, 15)) WM (2:2.5759, a:1, (0.1, 15)) TM (2:2.5759, a:1, (0.1, 20)) WM (2:2.5759, a:1, (0.1, 201) TM (2:25159, a:1, (0.15, 10))

CTM (Z:2.5759, a:1,0.15, 10))
CTM (Z:2.5759, a:1,30) CTM (2:2.5759, a:1, (0.15, 15)) CTM (Z:2.5759, a:1, (0.15, 20)) WM (2:2.5759, a:1, (0.15, 10)) TM (2:2.5759, a:1, (0.15, 15)) WM (2:2.5759, 8:1, (0.15, 15)) TM (2:2.5759, a:1,10.15, 201) WM (2:2.5759, a:1, (0.15, 20)) TM (2:2.5759, 3:1, (0.2, 10)) CTM (2:2.5759, a:1, (0.2, 10)) WM (2:2.5759,a:1,10.2,151) WM (2:25759, a:1, (0.2, 10)) TM (Z:2.5759,a:1,(0.2,15)) Model (Parameters)