Boxplot of ARL<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:2, Mean Gap Size of 10 (Outliers in both\_in\_and\_out Period) CTM (2:25759, a:2,(0.1,201) SWM (2:2.5759, a:2,25) CTM (Z:2.5759, a:2, (0.1, 10))
SWM (Z:2.5759, a:2, 15) CTM (2:2.5759, a:2, (0.1, 15))
SWM (2:2.5759, a:2, 20) CTM (Z:2.5759, a:2, (0.15, 10))

CTM (Z:2.5759, a:2, 30) CTM (2:2.5759, a:2, (0.15, 15)) CTM (2:2.5759,3:2,(0.15,20)) TM (Z:2.5759,3:2,(0.1, 15)) WM (2:2.5759, a:2,10.1,151) TM (2:2.5759,3:2,(0.1,20)) WM (2:2.5759, a:2,10.1,201) TM (2:2.5759, a:2, (0.15, 10)) WM (2:2.5759, a:2, (0.15, 10)) WM (2:2.5759, 8:2, (0.15, 15)) TM (2:2.5759, a:2,10.15, 201) WM (2:2.5759, a:2, (0.15, 20)) TM (2:2.5759,3:2,102,101) WM (2:25759,a:2,(0.2,10)) CTM (2:2.5759, a:2, (0.2, 10)) WM (2:2.5759, a:2,10.2, 151) WM (225759, a.2, (0.1, 10)) TM (2:2.5759, a:2, (0.2, 15)) Model (Parameters)