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, Data Variance of 9 (Outliers in in-control Period) 500  $ARL_0$ CTM (2:2:5759, a:1, (0:1, 201) (2:2:5759, a:1, 25) CTM (Z:2.5759, a:1, (0.1, 10)) (2:2.5759, a:1, 15) CTM (Z:2.5759, a:1, (0.1, 15))
SWM (Z:2.5759, a:1, 20) CTM (2:2.5759, a:1,0.15, 10))
CTM (2:2.5759, a:1,30) WM (2:2.5759,a:1,(0.1,20)) CTM (2:2.5759,8:1,10.15,15)) CTM (Z:2.5759,a:1,10.15,201) WM (2:2.5759,a:1,(0.2,15)) TM (Z.2.5759, a.1, (0.1, 15)) WM (2.2.5759, a:1, (0.1, 15)) TM (2:2.5759,a:1,(0.1,20)) TM (2:2.5159, a:1, (0.15, 10)) WM (Z:2.5759, 2:1, (0.15, 10)) WM (Z:2.5759, a: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)) WM (2:2.5759,a:1,10.2,10)) CTM (2:2:5759, a:1, (0.2, 10)) TM (Z:2.5759,3:1,10.2,151) Model (Parameters)