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 both\_in\_and\_out Period) CTM (2:2:5759, a:1, (0.1, 201) SWM (2:2:5759, a:1, 25) CTM (Z:2.5759, a:1, (0.1, 10)) SWM (Z:2.5759, a:1, 15) CTM (2:2:5759, a:1, (0.1, 15))
SWM (2:2:5759, a:1, 20) WM (2:25759, a:1, (0.1, 15)) TM (Z.2.5759, a.1, (0.1, 15)) TM (2:2.5759,a:1,10.1,201) TM (2:2.5759, a:1, (0.15, 10))

500

 $ARL_0$ 

CTM (2:2.5759,a:1,10.15,201) CTM (2:2.5759,a:1,(0.15, 15)) TM (2:2.5759, a:1, (0.15, 201) TM (2.2.5759, 3.1, (0.2, 10)) WM (2:25759,a:1,(0.2,10)) CTM (2:2.5759, a:1, (0.2, 10)) Model (Parameters)