Boxplot of *ARL*<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:1.96 alpha:1, Mean Gap Size of 1 (Outliers in both\_in\_and\_out Period) 500  $ARL_0$ CTM (Z:1.96, 8:1, (0.1, 10)) (Z:1.96, 8:1, 15) CTM (2:1.96, a:1, (0.1, 15)) SWM (2:1.96, a:1,20) CTM (2:1.96, 8:1, (0.1, 201) (2:1.96, 8:1, 25) CTM (Z:1.96, a:1, (0.15, 10)) (Z:1.30) TM (Z.1.96,3.1,(0.2,10)) WM (z:1:96,a:1,(0.1,10)) WM (z:1.96, a:1,(0.1, 15)) TM (Z:1,96,3:1,(0.1,20)) WM (2:1:96, a:1, (0.1, 20)) WM (Z:1.96,8:1,(0.15,20)) CTM (Z:1.96,3:1,10.15,20)) TM (Z:1.96,3:1,(0.1,15)) TM (Z:1.96,a:1,10.15,201)

Model (Parameters)