Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.96 alpha:2, Mean Gap Size of 5 (Outliers in both\_in\_and\_out Period) 250  $ARL_1$ CTM (Z:1.96,2:2,10.1,20)) CTM (z:1.96,8:2,(0.1, 15)) WM (Z:1.96, a:2, (0.1, 20)) wm (z:1.96,a:2,(0.1,10)) WM (Z:1.96,a:2,(0.1, 15)) SWM (Z.1.96, a.2,20) TM (2:1.96, 3:2, (0.1, 20)) CTM (Z:1,96,8:2,(0.15,20)) Model (Parameters)