Boxplot of ARL<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:1, Mean Gap Size of 0, Data Variance of 9 (Outliers in out-of-control Period)  $ARL_0$ CTM (Z:1.6449, a:1, (0.1, 20))
SWM (Z:1.6449, a:1, 25) CTM (Z:1.6449, a:1, (0.1, 10))
SWM (Z:1.6449, a:1, 15) CTM (Z:1.6449, a:1, (0.1, 15))
CTM (Z:1.6449, a:1, 20) MW (5:1:6449,8:1,(0.1,15)) WM (2:1.6449, a:1,(0.1,20)) CTM (2:1.6A49, a:1, (0.15, 15)) WM (Z:1.6449, a:1, (0.15, 20)) CTM (Z:1, 6449, a:1, (0:15, 20)) WM (Z:1.6449, a:1, (0.1, 10)) TM (Z:1,6449,3:1,10.1.15)) TM (Z:1,6449,3:1,(0.1,20)) TM (2:1, 6449, a:1, (0.15, 10)) TM (2.7.6449, 2.7. (0.15, 201) TM (2.1. 6449, 3:1, (0.2, 10)) WM (Z:1,6449,a:1,(0.2,10)) CTM (Z:1 6449, 3:1, (0.2, 10)) TM (Z.1, 6449, 3:1, (0.2, 15)) Model (Parameters)