Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:2, Mean Gap Size of 5 (Outliers in both\_in\_and\_out Period) 250  $ARL_1$ CTM (2:1.6449, 2:2, 10.1, 201) CTM (2:1, 6449, 2:2, (0.15, 20)) CTM (Z:1.6449, 2:2, (0.1, 15)) TM (Z:1,6449,3:2,10.1,201) TM (2.1 6449, 3.2, (0.2, 10)) CTM (2:1.6449, a:2, (0.1, 10)) Model (Parameters)