Boxplot of ARL1 for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:1, Mean Gap Size of 10, Data Variance of 1 (Outliers in both\_in\_and\_out Period)  $ARL_1$ CTM (2:2.5759, a:1, (0.1, 20))
SWM (2:2.5759, a:1, 25) CTM (2:2.5759, a:1, (0.15, 10))
SynM (2:2.5759, a:1, 30) CTM (2:2.5759, a:1, (0.15, 20)) WM (2:25759, a:1, (0:1, 10)) CTM (2:2.5759, a:1, (0.1, 10)) SWM (2.2.5759, a.1,15) TM (Z:2.5759,3:1,(0.1, 15)) WM (2:2.5759,a:1,(0.1,151) CTM (2:2:5759, a:1, (0.1, 15)) SWM (2.2.5759, a.1,20) TM (Z:2.5759,3:1,10.1,201) WM (2:2.5759, a:1, (0.1, 20)) TM (2:25/59, a:1, (0.15, 10)) WM (2:2.5759, a:1, (0.15, 10)) TM (2:2.5759, a:1, (0.15, 15)) WM (2:2.5759, a:1, (0.15, 15)) CTM (2:2.5759, a:1, (0.15, 15)) WM (2:2.5759, a:1, (0.15, 20)) TM (2.2.5759, 3.1, (0.2, 10)) WM (Z.2.5759, a.7, (0.2, 10)) CTM (Z:2.5759, a:1, (0.2, 10)) WM (2:25759, a:1, (0.2, 15)) TM (2:2.5759, a:1, (0.15, 20)) TM (2:2.5759, a:1, (0.2, 15)) Model (Parameters)