Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:1.5, Mean Gap Size of 1 (Outliers in in-control Period) ARL<sub>1</sub> 100 50 CTM (Z:2:5759, a:1.5, (0.1, 15))
SWM (Z:2:5759, a:1.5, 20) CTM (z:2.5759, a:1.5, (0.15, 10))

CTM (z:2.5759, a:1.5, (0.15, 10)) CTM (Z:2.5759, a:1.5, (0.1, 10)) WM (2:2.5759, a:1.5, (0.1, 20)) CTM (Z:2.5759, a:1.5, (0.1, 20)) WM (Z:2.5759,a:1.5,10.15,10)) CTM (2:2.5759, a:1.5, (0.15, 15)) TM (Z:2.5759, a:1.5, (0.15, 20)) WM (Z:2.5759, a:1.5, (0.15, 20)) WM (2:2.5759, 8:1, 5, (0.2, 15)) TM (2:2.5759, a:1.5, (0.1, 20)) TM (2:2.5759, a:1.5,(0.15, 10)) CTM (z:2.5759, a:1.5, (0.15, 201) WM (2:2.5759, a:1.5, (0.2., 10)) CTM (2:2.5759, a:1.5, (0.2, 10)) TM (Z:2.5759, a: 1.5, (0.1, 15)) WM (z:2.5759, a:1.5, (0.1., 15)) TM (Z.2.5759, 2.7.5, (0.2, 10)) TM (2:2.5759, a: 1.5, (0.2, 15)) Model (Parameters)