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 10, Data Variance of 9 (Outliers in both\_in\_and\_out Period) CTM (Z:2.5759, a:1.5, 10.15, 10))

CTM (Z:2.5759, a:1.5, 10)

MC CTM (Z:2.5759, 2:1.5,10.1, 15)) CTM (Z:2:5759, 2:1.5, (0.1, 10)) WM (Z:2.5759, 8:1.5, (0.1., 15)) WM (Z:2.5759, 8:1, 5, (0.1, 20)) CTM (Z:2:5759, 2:1.5, (0.1.20)) TM (2:2.5759, a:1.5, (0.15, 10)) WM (z:2.5759,a:1.5,(0.15,10)) TM (Z:2.5759, a:1.5, (0.15, 20)) WM (Z:2.5759,2:1.5,10.15,20)) CTM (2:2.5759, a:1.5, (0.15, 20)) WM (2:2.5759, a:1.5, (0.2, 15)) TM (Z:2.5759, a:1.5, (0.1, 15)) TM (Z:2.5759, a:1.5, (0.1, 20)) CTM (Z:2.5759, a:1.5, (0.15, 15)) TM (Z.2.5759, 2.7.5, (0.2, 10)) WM (2:2.5759, a:1.5, (0.2, 10)) CTM (Z:2.5759, a:1.5, (0.2, 10)) TM (2:2.5759, a: 1.5, (0.2, 15)) SWM (2:25759, a:1,5,20) Model (Parameters)