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 5 (Outliers in both\_in\_and\_out Period) 30 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, (0.1, 10)) CTM (Z:2:5759, 2:1.5,10.1,15)) WM (2:25759, a:1.5, (0.1, 20)) CTM (Z:2:5759, 2:1.5, (0.1, 20)) WM (Z:2.5759,a:1.5,10.15,10)) WM (Z:2.5759, a:1.5, (0.15, 20)) CTM (2:2.5759, a:1.5, (0.15, 20)) WM (2:25759, a:1.5, (0.2.15)) SWM (2:2.5759, a.1.5, 15) WM (2:2.5759, a:1.5, (0.1., 15)) TM (Z:2.5759, a:1.5, (0.1, 20)) TM (Z:2.5759, a:1.5, (0.15, 10)) TM (Z:2.5759, a:1.5, (0.15, 15)) CTM (Z:2.5759, a:1.5, (0.15, 15)) TM (Z:2.5759, 2:1.5, (0.15, 20)) TM (Z:25759, 2:1.5, (0.2, 10)) WM (2:25759, a:1.5, (0.2, 10)) CTM (Z:2.5759, a:1.5, (0.2, 10)) TM (Z:2.5759, 2:1.5, (0.1, 15)) SWM (2:25759, a:1,5,20) SWM (2:2.5759,2.1.5,25) TM (2:2.5759,a:1.5,10.2,151)

Model (Parameters)