Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:2.5, Mean Gap Size of 5, Data Variance of 1 (Outliers in in-control Period) 16 ARL<sub>1</sub> CTM (2:2.5759, a:2.5, (0.15, 10))
SWM (2:2.5759, a:2.5,30) CTM (Z:2:5759, 3:2:5, 10.1, 10)) WM (Z:2.5759, 8:2.5, (0.1., 15)) CTM (Z:2.5759, a:2.5, (0.1, 15)) WM (2:2.5759, a:2.5, (0.1, 20)) CTM (Z:2:5759, 3:2:5,10.1,201) WM (2:2.5759, a:2.5, (0.15, 10)) TM (Z:2.5759, a:2.5, (0.15, 20)) WM (Z:2.5759, 2:2.5, (0.15, 20)) CTM (2:25/59, a:2.5, (0.15, 20)) WM (2:2.5759, a:2.5, (0.2, 15)) CTM (Z:2.5759, a:2.5, (0.2, 15)) SWM (2.2.5759, a.2.5,15) TM (Z:2.5759, a:2.5, (0.1, 15)) SWM (2:25759, a:25,20) TM (2:2.5759, a:2.5, (0.1, 20)) TM (Z:2.5759, a:2.5, (0.15, 10)) WM (2:2.5759,a:2.5,(0.15, 15)) CTM (2:2.5759, a:2.5, (0.15, 15)) WM (2:2.5759, a:2.5, (0.2, 10)) CTM (2:2.5759, a:2.5, (0.2, 10)) TM (Z:2.5759, 2:2.5, (0.2, 20)) TM (Z:2.5759, 2:2.5, (0.2, 10)) TM (2:2.5759,a:2.5,(0.2, 15)) Model (Parameters)