Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:2.5, Mean Gap Size of 10, Data Variance of 9 (Outliers in in-control Period) 20 ARL<sub>1</sub> CTM (Z:1.6449, a:25, (0.15, 10))
CTM (Z:1.6449, a:2.5, 30) WM (2:1,6449, a:2.5, (0.1, 10)) CTM (Z:1,6449, 2:2.5, (0.1, 10)) WM (Z:1.6449, a:2.5, (0.1.15)) CTM (Z:1,6449, a:2.5, (0.1, 15)) WM (2:1.6449, a:2.5, (0.1, 20)) CTM (Z:1,6449, 3:2.5,10.1,201) TM (Z:1,6449,3:2.5,(0.15,10)) WM (Z:1,6449,a:2.5,10.15,10)) TM (Z:1.6449, a:2.5, (0.15, 20)) WM (Z:1,6449,2:2.5,10.15,20)) CTM (2:1.6449, a:2.5, (0.15, 20)) WM (2:1,6449, a:2.5, (0.2, 15)) CTM (Z:1,6449, 2:2.5, (0.2, 15)) SWM (2.1.6449, a.2.5, 15) TM (Z:1,6449,2:2.5,(0.1,15)) SWM (2.1. 6449, a.2.5,20) TM (2:1.6449, a:2.5, (0.1, 20)) WM (Z:1.6449, a:2.5, (0.15, 15)) CTM (Z:1.6449, a:2.5, (0.15, 15)) WM (2:1,6449, a:2.5, (0.2, 10)) CTM (Z:1,6449,8:2.5,10.2,10)) TM (Z:1.6449, 2:2.5, (0.2, 10)) TM (Z:1,6449,a:2.5,10.2,15)) Model (Parameters)