Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:3, Mean Gap Size of 10, Data Variance of 9 (Outliers in burn-in Period) 350 250 150 50 CTM (Z:2.5759, a:3, (0.1, 201) CTM (Z:2:5759, a:3, (0.1, 10)) SWM (Z:2:5759, a:3, 15) CTM (2:2.5759, a:3, (0.1, 15))
SWM (2:2.5759, a:3,20) CTM (Z:2.5759, a:3, (0.15, 10)) (2:2.5759, a:3,30) WM (2:25759, a:3, (0.1, 15)) WM (2:2.5759, a:3, (0.1, 20)) CTM (2:2.5759, a:3, (0.15, 15)) CTM (Z:2.5759,a:3,(0.15,20)) WM (2:2.5759, 2:3, (0.1, 10)) TM (2:2.5759, a:3, (0.1, 15)) TM (2:2.5759,a:3,(0.1,20)) TM (2:2:5759, 8:3, (0.75, 10)) WM (2:2.5759, a:3,(0.15, 10)) TM (2:25759, a:3, (0.15, 15)) WM (2:2.5759, 8:3, (0.15, 15)) TM (2.2.5759, a.3, (0.15, 201) WM (2:2.5759, a:3, (0.15, 20)) TM (2:2.5759,3:3,(0.2, 10)) CTM (2:2.5759, a:3, (0.2, 10)) WM (2:25759, a:3, (0.2, 10)) TM (Z:2.5759,2:3,(0.2.15)) WM (Z:2.5759, 2:3, (0.2, 15)) Model (Parameters)