Boxplot of ARL₁ 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 both_in_and_out Period) 22.5 20.0 17.5 15.0 10.0 7.5 CTM (Z:1,6449, 2:2.5, (0.1,20)) WM (2:1.6449, a:2.5, (0.1., 10)) CTM (Z:1,6449, 3:2.5, (0.1, 10)) CTM (Z:1,6449, 3:2.5, (0.1, 15)) WM (2:1.6449, 3:2.5, (0.1, 20)) WM (Z:1.8449, a:2.5, (0.15, 10)) CTM (2:1.6449, a:2.5, (0.15, 10)) TM (Z:1,6449, a:2.5, (0.15, 20)) WM (Z:1,6449,3:2.5,10.15,20)) CTM (2:1.6449, 2:2.5, (0.15, 20)) CTM (Z:1,6449, 2:2.5,10.2,10)) WM (2:1.6449, a:2.5, (0.2, 15)) CTM (Z:1,6449, 3:2.5, (0.2.15)) SWM (Z.1.6449, a.25, 15) TM (Z:1,6449,2:2.5,10.1,15)) WM (2:1.6449, a:2.5, (0.1., 15)) TM (Z:1.6449, 2:2.5, (0.1, 20)) TM (Z:1,6449,3:2.5,10.15,10)) TM (Z:1.6449, 2:2.5, (0.15, 15)) CTM (Z:1.6449, a:2.5, (0.15, 15)) TM (Z:1,6449,3:2.5,10.2,10)) TM (Z:1,6449,3:2.5,10.2,15)) SWM (2.1. 6449, 2.2.5,20) SWM (Z.1.6449, a.2.5,25) WM (2:1.6449, a:2.5, (0.2, 10)) Model (Parameters)