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 5, Data Variance of 4 (Outliers in burn-in Period) 300 150 CTM (Z:1.6449.3:2.5.20) WM (2:1,6449, a:2.5, (0.1, 10)) CTM (Z:1,6449, a:2.5,10.1, 10)) WM (2:1.6449, a:2.5, (0.1, 20)) CTM (Z:1.6449,3:2.5,10.1,201) WM (Z:1.6449,2:2.5,(0.15, 10)) TM (Z:1.6449, 3:2.5, (0.15, 20)) WM (Z:1,6449,3:2.5,(0.15,20)) CTM (2:1.6449, a:2.5, (0.15, 20)) WM (2:1,6449, a:2.5, (0.2, 15)) TM (2:1,6449,a:2.5,(0.1,15)) WM (Z:1.6449, a:2.5, (0.1., 15)) TM (2:1.6449, a:2.5, (0.1, 20)) TM (Z:1,6449,3:2.5,(0.15,10)) TM (2:1,6449, a:2.5, (0.15, 15)) WM (2:1.6449, a:2.5, (0.15, 15)) CTM (z.1.6449, a.2.5, (0.15, 15)) TM (2.1.6449, 2.2.5, (0.2, 10)) WM (2:1,6449,3:2.5,(0.2,10)) CTM (Z.1.6449, a.2.5, (0.2, 10)) TM (2:1,6449,2:25,10.2,15)) CTM (Z:1,6449,3:2.5,10.2,15)) Model (Parameters)