Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:1.96 alpha:1.5, Mean Gap Size of 1 and Data Variance of 4 (No Outliers) 100 CTM (Z:1.96, a:1.5, (0.15, 10)) CTM (2:1.96, 2:1.5, (0.1.10)) SWM (2.1.96, a.1.5, 15) CTM (Z:1.96, a:1.5, (0:1, 15)) SWM (2.1.96, a.1.5,20) CTM (Z:1.96,2:1.5,10.1,201) WM (Z:1.96, a:1.5, (0.15, 10)) WM (z:1.96,a:1.5,(0.15, 15)) CTM (Z:1, 96, a:1, 5, (0.15, 15)) WM (Z:1.96,2:1.5,(0.15,20)) CTM (Z:1.96, 2:1, 5, (0.15, 20)) CTM (Z:1.96, 2:1.5, (0.2, 10)) CTM (Z:1.96, a:1.5, (0.2, 15)) TM (2:1.96,8:1.5,(0.1.,15)) WM (Z:1.96, a:1.5, (0.1, 15)) TM (Z:1.96,2:1,5,(0.1,20)) WM (2:1.96,3:1.5,(0.1,20)) TM (Z:1.96, 2:1, 5, (0.15, 10)) WM (Z:1,96,8:1,5,10.2,15)) WM (Z:1,96,8:1,5,10.1,10)) TM (Z:1.96,8:1,5,(0.15, 15)) WM (Z:1,96,8:15,10.2,10)) Model (Parameters)