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 (No Outliers) 350 250 ARL<sub>1</sub> 50 CTM (Z:1.96, a:1.5, (0.1.10)) SWM (2.1.96, a.1.5, 15) CTM (Z:1.96, 2:1.5, (0.1.15)) SWM (2:1.96, a.1.5,20) CTM (2:1.96, a:1.5, (0.1, 20)) CTM (Z:1,96,a:1,5,(0.15,15)) WM (Z:1.96, a:1.5, (0.15, 20)) WM (Z:1,96,8:1,5,10.1,10)) TM (Z:1.96, a:1.5, (0.1., 15)) TM (2:1.96, a:1.5, (0.1, 20)) WM (Z:1,96,3:1,5,(0:1,20)) WM (Z:1,96,8:1,5,10.2,10)) WM (Z:1,96,8:1,5,10.2,15)) WM (Z:1.96, a:1.5,(0.1, 15)) TM (Z:1.96,8:1.5,(0.15, 15))

Model (Parameters)