Boxplot of *ARL*₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:2, Mean Gap Size of 1 (Outliers in out-of-control Period) 150 50 CTM (2:1.96, a:2, (0.1, 15)) SWM (2:1.96, a:2,20) CTM (Z:1.96, 3:2, (0.1, 20)) (Z:1.96, a:2, 25) CTM (X:1.96, a:2, (0.15, 10)) (X:1.96, a:2,30) WM (2:1:96, a:2, (0.1, 10)) CTM (Z:1.96, a:2, (0.1, 10)) WM (z:1.96,a:2,(0.1,15)) TM (Z:1,96,3:2,(0.1,20)) WM (2:1.96, a:2, (0.1, 20)) WM (Z:1.96, 8:2, (0.15, 20)) CTM (Z:1.96, 3:2, (0.15, 20)) TM (2:1.96, 2:2, (0.2, 10)) WM (2:1.96, a:2, (0.2, 10)) CTM (2:1.96, a:2, (0.2, 15)) SWM (2.1. 96, a.2, 15) TM (Z:1.96, 2:2, (0.1, 15)) CTM (Z:1.96,8:2,(0.15, 15)) TM(2:1.96,a:2,10.15,201)

Model (Parameters)