Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:1.5, Mean Gap Size of 1 (Outliers in burn-in Period) ARL_1 150 100 CTM (Z.1.96, a.1.5, (0.15, 10)) (Z.1.96, a.1.5, 30) CTM (2:1.96, a:1.5, (0.1.10)) CTM (Z:1.96, 2:1.5, (0:1, 15)) CTM (2:1.96, 2:1.5, (0:1, 20)) WM (2:1.96,8:1.5,10.15,10)) CTM (Z:1.96, a:1.5, (0.15, 15)) WM (2:1.96, 2:1.5, (0.15, 20)) CTM (Z:1.96, 2:1.5, (0.2, 15)) TM (Z:1.96,a:1.5,(0.1, 15)) SWM (2.1.96.8.1.5,20) TM (Z:1.96, a:1.5, (0.1, 20)) WM (Z:1.96,2:1.5,(0.1,20)) SWM (2.1.96,8.1.5,25) WM (Z:1.96,2:1.5,(0.15, 15)) TM (Z:1.96, 2:1, 5, (0.15, 20)) CTM (2:1.96, a:1.5, (0.15, 20)) WM (Z:1.96,8:1.5,10.2, 10)) TM (Z.1.96, a.1.5, (0.2, 15)) WM (Z:1.96,8:1.5,(0.1.,10)) WM (Z:1,96,8:1,5,(0.1, 15)) TM (Z:1.96, 8:1.5, (0.15, 10)) TM (Z.1.96, 2:15, (0.2, 10)) CTM (Z:1.96,3:1.5,10.2,10)) Model (Parameters)