Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:1, Mean Gap Size of 5 and Data Variance of 4 (No Outliers) 12  $ARL_1$ WM (2:2.5759, a:1, (0.15, 20)) CTM (2:2.5759, a:1, (0.15, 20)) CTM (2:2.5759,a:1,(0.15,10)) WM (Z:2.5759, a:1, (0.15, 15)) CTM (2:2.5759, a:1, (0.15, 15)) CTM (Z:2.5759, a:1, (0.2, 15)) WM (2:2.5759, a:1, (0.1, 10)) CTM (Z:2.5759, a:1, (0.1, 10)) SWM (2:2.5759, a:1,15) TM (2:2.5759,a:1,(0.1.151) WM (2:2.5759, a:1, (0.1, 15)) CTM (Z:2.5759, a:1, (0.1, 15)) SWM (2:2.5759, a:1,20) TM (2:2.5759, a:1, (0.1, 20)) WM (2:2.5759, a:1, (0.1, 20)) CTM (Z:2.5759, a:1, (0.1, 20)) SWM (2:2.5759, 2:1,25) SWM (2.2.5759, a.1,30) WM (2:25759, a:1, (0.2, 10)) CTM (Z:2.5759, a:1, (0.2, 10)) WM (2:2.5759, a:1, (0.2, 15)) TM (Z:2.5759, a:1, (0.15, 15)) Model (Parameters)