Boxplot of *ARL*<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:3, Mean Gap Size of 5 and Data Variance of 4 (No Outliers)

350 ARL<sub>1</sub> 100 CTM (2:2.5759, a:3, (0.15, 15)) CTM (Z:2.5759, a:3, (0.15, 20)) SWM (2:2.5759, a:3,15) CTM (Z:2.5759, a:3, (0.1, 15)) CTM (Z:2.5759, a:3, (0.1, 20)) SWM (2.2.5759, a.3,30) WM (Z:2.5759, 8:3, (0.15, 15)) WM (Z:2.5759, a:3, (0.15, 20)) CTM (Z:2.5759, 2:3, (0.2, 10)) CTM (Z:2.5759, a:3, (0.2, 15)) TM (2:2.5759,a:3,(0.1,10)) WM (2:2:5759, a:3, (0:1, 10)) CTM (2:2.5759, a:3, (0.1, 10)) TM (2:2.5759, a:3, (0.1, 15)) WM (Z.25759, a.3, (0.1, 15)) SWM (2:2.5759,2:3,20) TM (2:2.5759, a:3, (0:1, 20)) SWM (2:2.5759, a:3,25) TM (Z:2:5759, 8:3, (0.75, 10)) TM (2:2.5759, a:3, (0.15, 15)) WM (2:2:5759, a:3, (0.2, 10)) WM (2:2.5759, a:3, (0.2, 15)) Model (Parameters)