Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:1, Mean Gap Size of 1 and Data Variance of 9 (No Outliers) 350 300 ARL₁ CTM (Z:1, 6449, a:1, (0, 15, 10)) CTM (2:1.64AB, B:1, (0.15, 15)) CTM (Z:1, 6449, 2:1, (0.15, 20)) CTM (Z:1.6449, a:1, (0.1, 10)) CTM (Z:1.6449, a:1, (0.1, 15)) CTM (Z:1.6449, a:1, (0.1, 20)) SWM (2.1.8449, a.1,30) TM (2:1.6449, a:1, (0.15, 15)) WM (Z:1.6449, 8:1, (0.15, 15)) WM (Z:1.6449, a:1, (0.15, 20)) CTM (Z:1,6449,2:1,(0.2,10)) CTM (Z:1,6449,8:1,10.2,151) MW (5:1:8489'8:1''(0'1'',10)) SWM (Z:1, 6449, a:1, 15) TM (Z.1.6449, 8:1, (0.1. 15)) WM (Z:1:6449, a:1,(0:1,15)) SWM (2.1, 6449, 3.1, 20) TM (2:1.6449, a:1, (0:1, 20)) WM (Z:1:6449, a:1,(0:1,20)) SWM (2.1, 6449, 2.1, 25) TM (Z:1, 6449, a:1, (0.15, 10)) WM (Z:1.6449, 2:1, (0.15, 10)) WM (Z:1.6449, a:1,(0.2,10)) WM (Z:1:6449, a:1, (0.2, 15))

Model (Parameters)