Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:3, Mean Gap Size of 5, Data Variance of 1 (Outliers in in-control Period)

 ARL_1

CTM (Z:1.6449, 2:3, (0.15, 10))
CTM (Z:1.6449, 2:3, 30) CTM (Z:1,6449,8:3,(0.1,10)) SWM (2.1.6449, a.3, 15) CTM (2:1.6449, a:3, (0.1, 20)) CTM (Z:1.6449, a:3, (0:15, 20)) TM (Z:1,6449,3:3,(0.1,15)) WM (2:1.6449, a:3, (0:1, 15)) CTM (2:1.6449, a:3, (0.1, 15)) SWM (2.1.6449, a.3,20) TM (Z:1,6449,3:3,(0.1,20)) WM (2:1.6449, 2:3, (0:1, 20)) TM (2:1.6449, 8:3, (0.15, 10)) WM (Z:1.6449, a:3, (0.15, 10)) WM (Z:1,6449,8:3,(0.15, 15)) CTM (Z:1.6449, a:3, (0.15, 15)) WM (2:1,6449,3:3,(0.15,20)) TM (2.1.6449, 3.3, (0.2, 10)) WM (Z:1,6449,a:3,(0.2,10)) CTM (Z:1 6449, 3:3, (0.2, 10)) WM (Z:1.6449, 2:3, 10.2, 15)) CTM (Z:1, 6449, a:3, (0.2, 15)) TM (2:1,6449, a:3,10:15,20)) TM (Z:1,6449,3:3,10.2,151) Model (Parameters)