Boxplot of *ARL*₁ for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:1.5, Mean Gap Size of 10 (Outliers in burn-in Period) 20.0 17.5 15.0 12.5 7.5 CTM (z:1.6449, a:1.5, (0.15, 10))

CTM (z:1.6449, a:1.5, (0.15, 10)) CTM (Z:1,6449, 2:1,5,10.1,201) WM (2:1.6449, a:1.5, (0.1., 10)) CTM (Z:1.6449, 3:1.5, (0.1, 10)) CTM (Z:1,6449, 2:1,5,10.1,15)) WM (Z:1.6449, 8:1.5, (0.1, 20)) TM (Z:1,6449, a:1,5,(0.15, 10)) WM (Z:1, 6449, a:1.5, (0.15, 10)) TM (Z:1.6449, a:1.5, (0.15, 20)) WM (Z:1.6449,2:1.5,10.15,20)) CTM (2:1.6449, a:1.5, (0.15, 20)) CTM (Z:1,6449, 2:1,5,10.2,10)) WM (2:1,6449, a:1,5,10.2, 15)) CTM (Z:1,6449, 2:1,5,10.2,15)) SWM (Z.1. 6449, a.1.5, 15) TM (Z:1,6449,2:1.5,10.1.15)) WM (2:1,6449,8:1,5,(0.1,15)) TM (Z:1.6449, 2:1.5, (0.1, 20)) SWM (2.1. 6449, a.1. 5,25) TM (Z:1,6449,a:1,5,(0.15, 15)) WM (Z:1,6449,a:1.5,(0.15, 15)) CTM (Z:1.6449, a:1.5, (0.15, 15)) TM (Z:1,6449,3:1.5,(0.2,10)) WM (2:1.64A9, a:1.5, (0.2, 10)) TM (Z:1,6449,2:1.5,10.2,15)) SWM (Z.1.6449, 2.1.5,20)

Model (Parameters)

 ARL_1