Boxplot of ARL₀ for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:2, Mean Gap Size of 0, Data Variance of 4 (Outliers in in-control Period) CTM (Z:2.5759, a:2, (0.1, 10)) CTM (2:2.5759, a:2, (0.1, 151) SWM (2:2.5759, a:2,20) CTM (Z:2.5759, a:2, (0.15, 10))

CTM (Z:2.5759, a:2,30) SWM (2.2.5759, a.2.25) CTM (2:2.5759, a:2, (0.15, 15)) CTM (2:2.5759,a:2,(0.15,20)) WM (2:25759, 2:2, (0.1, 10)) TM (2:2.5759, a:2, (0.1. 15)) WM (2:2:5759, a:2, (0.1, 15)) TM (2:2.5759, 3:2, (0.1, 20)) WM (2:2.5759, a:2,10.1,201) CTM (Z.2.5759, a.2, (0.1, 20)) TM (2:2.5759, a:2, (0.15, 10)) WM (2:2.5759, a:2, (0.15, 10)) WM (2:2.5759, 8:2, (0.15, 15)) TM (2:2.5759, a:2,10.15,201) WM (2:2:5759,3:2,(0.15,20)) TM (2:2.5759,3:2,(0.2, 10)) WM (2:2.5759, a:2,10.2,10)) CTM (2:2.5759, a:2, (0.2, 10)) WM (2:2.5759, a:2, (0.2, 15)) CTM (Z:2.5759, a:2, (0.2, 15)) TM (2:2.5759, a:2, (0.2, 15)) Model (Parameters)

 ARL_0