Boxplot of ARL₀ for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:1, Mean Gap Size of 5, Data Variance of 9 (Outliers in out-of-control Period) 500 ARL_0 100 CTM (2:2.5759, a:1, (0.1, 201) SWM (2:2.5759, a:1, 25) CTM (Z:2:5759, a:1, (0.1, 10)) (Z:2:5759, a:1, 15) CTM (2:2:5759, a:1, (0.1, 15))
SWM (2:2:5759, a:1, 20) CTM (Z:2.5759, a:1, (0.15, 10))

CTM (Z:2.5759, a:1, (0.15, 15))

MC WM (Z:2.5759,a:1,(0:1,201) CTM (Z:2.5759, a:1, (0.15, 20)) TM (Z:2.5759,3:1,(0.1, 15)) WM (2:25759, a:1, (0:1, 15)) TM [2:2.5759,3:1,(0.1,20)] CTM (2:2.5759,a:1,(0.15, 15)) TM (2:2.5759, a:1, (0.15, 20)) WM (2:2.5759, a:1, (0.15, 20)) TM (2:2.5759.3:1, (0.2, 10)) WM (2:2.5759,a:1,10.2,10)) CTM (2:2.5759, a:1, (0.2, 10)) TM (2:2.5759, a:1, (0.15, 10)) Model (Parameters)