Boxplot of ARL₀ for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:1, Mean Gap Size of 1 (Outliers in both_in_and_out Period) CTM (Z:1.6449, a:1, (0.1, 201) SWM (Z:1.6449, a:1, 25) CTM (Z:1.6449, a:1, (0.1, 10))
SWM (Z:1.6449, a:1, 15) CTM (Z:1.6449, a:1, (0.1, 15))
CTM (Z:1.6449, a:1, 20) WM (2:1:6449, a:1,(0.1,20)) TM (Z:1,6449,3:1,(0.1,15)) WM (2:1.6449, a:1, (0:1, 15)) TM (Z:1.6449, 2:1, (0.1, 201) TM (2:1, 6449, a:1, (0.15, 10)) WM (Z:1,6449,8:1,(0.1,10))

500

 ARL_0

CTM (Z.1.6449, 2.1, (0.15, 10))
CTM (Z.1.6449, 2.1, 30) CTM (Z:1,6449,a:1,10,15,20)) WM (2:1,6449,3:1,(0.15,10)) WM (Z:1,6449,3:1,(0.15, 15)) CTM (Z:1,6449,2:1,(0.15, 15)) TM (2:1.6449, 3:1, (0.15, 201) WM (2:1,6449,3:1,10.15,20)) TM (2.1. 6449, 3:1, (0.2, 10)) WM (Z:1.6449, 2:1, (0.2, 10)) CTM (Z:1.6449, 3:1, (0.2, 10)) TM (Z:1,6449,8:1,10.2,151) WM (2:1.6449, a:1, (0.2, 15)) CTM (Z:1 6449, 2:1, (0.2, 15)) Model (Parameters)