Boxplot of ARL₁ for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:1.0, Mean Gap Size of 5 (Outliers in out-of-control Period)

20.0

17.5

15.0

ARL₁

CT (1.6449, 1.0, 0.15, 25) 2, 10) CT (16449, 10, 6449, 10, 15) CT (1,6449,10,6449,10,20) CT (1.64A9, 10, 64A9, 10, 30) CT (1.6449, 10, 6449, 10, 25) W (1.6449, 10, 0.1, 15) T (1.6449, 1.0,0.1,20) W (1.6449, 10,0.1,25) T (1.6449, 1.0, 0.15, 15) W(1.6449, 1.0, 0.15, 15) CT (1.6449, 1.0, 0.15, 15) W (1.6449, 1.0, 0.15, 20) CT (1.6449, 1.0, 0.15, 20) T (1.6449, 1.0, 0.15, 25) W (1.6449, 1.0, 0.15, 25) W(1.6449, 10, 0.2, 10) CT (1.6449, 1.0, 0.2, 10) 7 (1,6449, 10,02, 15) W (1.6449, 10, 0.2, 15) CT (1.6449, 1.0, 0.2, 15) W (1.6449, 10, 0.2, 20) CT (1.6449, 1.0, 0.2, 20) W(1.6449, 10, 0.1, 10) T(1.6449, 1.0, 0.1, 15) W (1.6449, 10, 0.1, 20) T (1.6449, 1.0,0.1,25) T (1,6449, 1.0,0,15,10) W (1.6449, 1.0, 0.15, 10) CT (1.6449, 1.0, 0.15, 10) T (1.6449, 1.0, 0.15, 20) 7(1,6449,10,02,20) T (1.6449, 10, 02, 25) Model (Parameters)