Boxplot of *ARL*₀ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:0.95, Mean Gap Size of 5 (Outliers in in-control Period)

 ARL_0

CT (1.96,0.95,0.15,26)

CT (1.96,0.95,0.95,0.15,25) W(1.96,0.95,0.1,25) 0.1,25) 30) CT (1.96, 0.95, 0.15, 15) CT (1.96, 0.95, 0.15, 15)

CT (1.96, 0.95, 0.15, 20) CT (1.96, 0.95, 0.2, 15) CT (1.96,0.95,0.2,10) CT (1.96. 0.95, 0.1, 20), 25) T (1.96,0.95,0.1,15) W(1.96,0.95,0.1,15) T(1.96,0.95,0.1,20) W(1.96.0.95,0.1,20) T (1.96,0.95,0.1,25) T(1,96,0,95,0,15,10) W (1.96,0.95,0.15,15) W(1.96,0.95,0.15,20) W(1.96,0.95,0.2,10) W(1.96,0.95,0.2,15) CT (1.96,0.95,0.2,15) Model (Parameters)