Boxplot of *ARL*₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:1.5, Mean Gap Size of 10 (Outliers in both_in_and_out Period)

12

ARL₁

T(1.96, 1.5, 0.1, 25) (1.96, 1.5, 0.1, 25) (1.96, 1.5, 30) T(1.96, 1.5, 0.1, 20)

CT(1.96, 1.5, 0.1, 20)

CT(1.96, 1.5, 0.1, 20)

CT(1.96, 1.5, 0.1, 20) W(1.96.15,0.1.15) 1,15) 20) CT (1.96, 1.5, 0.15, 1.5) CT(1.96, 1.5, 0.15, 20) CT (1.96, 1.5, 0.15, 20) CT(1.96, 1.5, 0.2, 1.5) CT (1.96, 1.5, 0.2, 20) CT(1.96, 7, 1.96, 1.5, 0.2, 10) W(1.96.15.0.15.20) W(1.96, 15, 0.15, 25) W(1.96, 1.5, 0.2, 10) T(1,96,15,0.1,15) W(1.96, 1.5, 02, 15) Model (Parameters)