Boxplot of *ARL*<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:0.9, Mean Gap Size of 10 (Outliers in in-control Period) 500  $ARL_0$ 

W (2.5759, 0.9, 0.1, 15) (2.5759, 0.9, 20) W (2.5759, 0.9, 0.1, 20), 25) CT (2.5759, 0.9, 0.9, 0.2, 15) CT (2.5759,0.9,0.15,25) CT (2.5759, 0.9, 0.9, 0.2, 10) T (2.5759,0.9,0.1,20) T (2.5759,0.9,0.15,10) W (2.5759,0.9,0.15,10) W(25759,0.9,0.15,15) T (2.5759, 0.9, 0.15, 20) W (2.5759, 0.9, 0.15, 20) W(25759,0.9,0.15,25) W (2.5759,09,02,10) W (2.5759, 0.9, 0.2, 15) CT (2.5759,09,0.2,15) Model (Parameters)