Boxplot of ARL<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:0.95, Mean Gap Size of 1, Data Variance of 4 (Outliers in both\_in\_and\_out Period) 500  $ARL_0$ 

CT (2.5759, 1.2.5759, 1.95, 20) CT (2.5759,0.95,0.95,0.15,25) CT (2.5759,0.95,0.95,0.2,10) CT (2.5759, 0.95, 0.95, 0.2, 15) CT (2.5759,0.95,0.1,20), 25) CT (2.5759, 0.95, 0.95, 30) 7 (2.5759,0.95,0.1,15) W (2.5759,0.95,0.1.15) W (2.5759,0.95,0.15,15) CT (2.5759, 0.95, 0.15, 15) T (2.5759,0.95,0.15,20) W (2.5759,0.95,0.15,20) 7 (2.5759, 0.95, 0.2, 20) T (2.5759,0.95,0.1,20) W (2.5759, 0.95, 0.1, 20) T (2.5759,0.95,0.1,25) W(25759,095,01,25) W (2.5759, 0.95, 0.15, 10) CT (2.5759,0.95,0.15,10) W (2.5759,0.95,0.15,25) W (2.5759,0.95,0.2,10) W (2.5759,0.95,0.2,15) CT (2.5759,0.95,0.2,15) Model (Parameters)