Boxplot of ARL<sub>0</sub> for Various Models on Streaming Data with z and alpha: z:1.6449 alpha:0.9, Mean Gap Size of 1 and Data Variance of 9 (No Outliers) 500  $ARL_0$ 200

W (1.6449,0.9,0.1,25),0.1,25),30) CT (1.6449, 0.9, 0.4, 0.9, 20) CT (1.6449, 0.9, 0.15, 26) CT (1.6449, 0.9, 0.2, 10) CT (1.6449, 0.9, 0.2, 15) CT (1.6449, 0.9, 6449, 0.9, 25) W(1,6449,09,0.1,15) T (1.6449,0.9,0.1,15) T (1.6449,0.9,0.1,20) W(1.6449,0.9,0.1,20) T (1.6449,0.9,0.1,25) T (1.6449,0.9,0.15,10) CT (1.6449,0.9,0.15,10) W(1.6449,0.9,0.15,15) CT (1.6449,09,0.15,15) 7(1.6449, 0.9, 0.15, 20) W(1.64A9,0.9,0.15,20) W (1.6449,0.9,0.15,25) W(1.6449,09,02,10) W(1.6449,09,02,15) CT (1.6449, 0.9, 0.2, 15) W (1.6449,09,0.1,10) W(1.6449,0.9,0.15,10) T (1.6449, 0.9, 0.15, 15) T(1,6449,0.9,0.2,20) Model (Parameters)