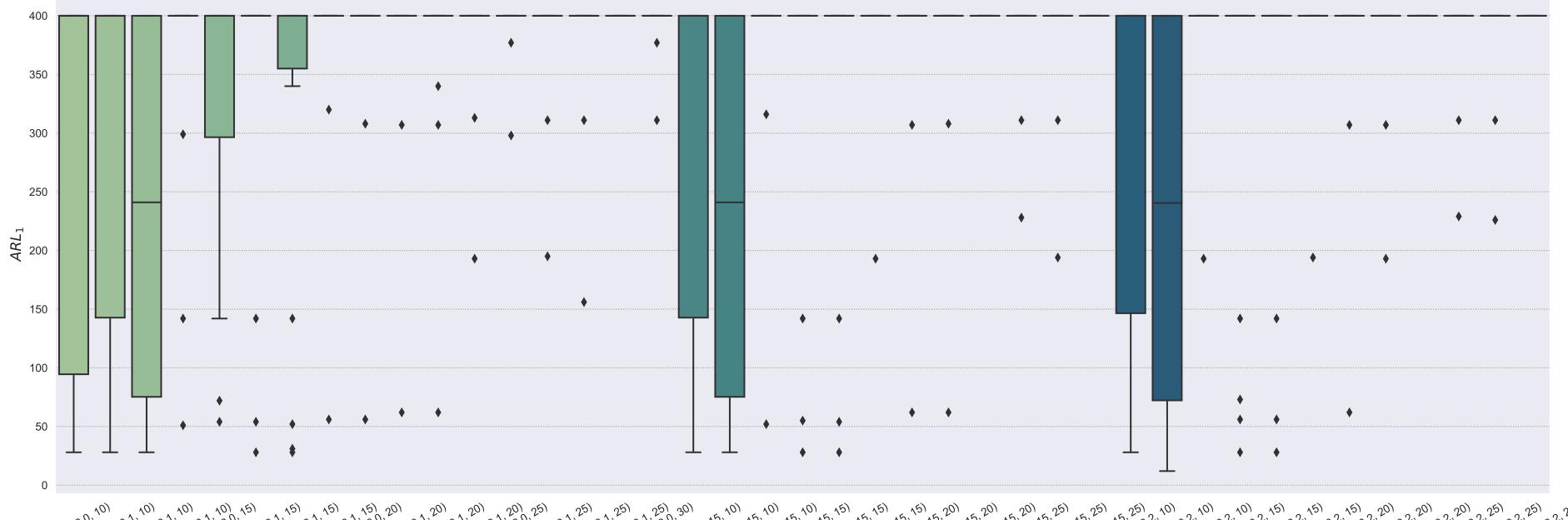
Boxplot of *ARL*₁ for Various Models on Streaming Data with z and alpha: z:1.96 alpha:2.0, Mean Gap Size of 1 (Outliers in out-of-control Period)



CT(1.96,20,0.15,15)
CT(1.96,20,0.15,20) CT (1.96,20,0.15,25) CT (1.96, 20, 0.15, 25) 2, 10) CT (1.96,20,02,10) 2,15) CT (1.96, 20, 0.2, 15) 7 (1.96, 20, 0.2, 20) CT (1.96, 20, 0.1, 15), 20) CT (1.96, 20, 0.1, 20), 25) T(1,96,20,0.1,15) W(1.96,20,0.1,20) ~(1.96,20,0,1,25) T(1.96,2.0,0.15,10) CT (1.96, 20, 0.15, 10) W(1.96, 2.0, 0.15, 15) W(1.96,20,0.15,20) W(1.96, 20,0,15,25) W(1.96, 2.0, 0.2, 10) W(1.96,20,0.1,10) W(1.96,20,0.1,15) T(1.96,20,0.1,20) W(1.96,20,0.1,25) W(1.96,20,02,15) Model (Parameters)