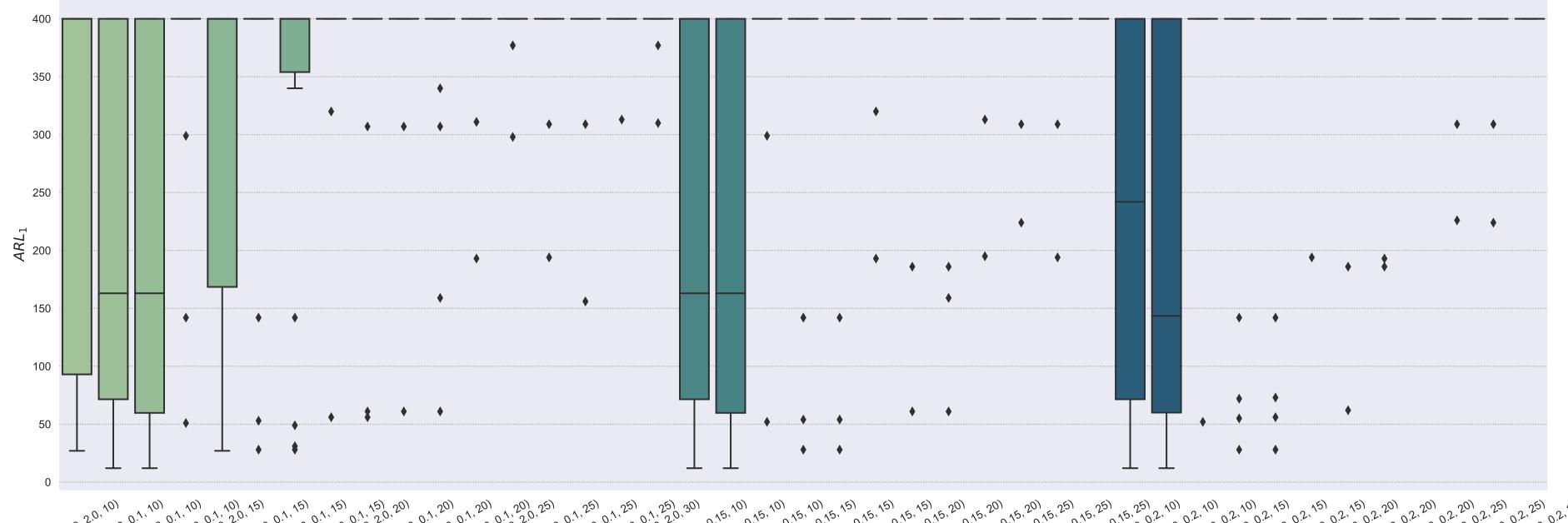
Boxplot of ARL<sub>1</sub> for Various Models on Streaming Data with z and alpha: z:2.5759 alpha:2.0, Mean Gap Size of 1 (Outliers in out-of-control Period)



CT (2.5759, 2.0, 0.15, 20) CT (2.5759, 20, 0.15, 25) 7, 10) CT (2.5759, 20, 0.1, 25), 30) CT (2.5759, 20, 0.1, 15), 20) CT (2.5759, 20, 0.1, 20), 25) T (2.5759, 2.0, 0.1, 15) W (2.5759, 20, 0.1, 15) W (2.5759, 20, 0.15, 15) CT (2.5759, 2.0, 0.15, 15) W (2.5759, 20, 0.15, 20) W(25759,20,0.15,25) W (2.5759, 20, 0.2, 10) CT (2.5759, 20, 0.2, 10) W (2.5759, 20, 0.2, 15) CT (2.5759, 20, 0.2, 15) T (2.5759, 2.0, 0.1, 20) W (2.5759, 20, 0.1, 20) T (2.5759, 2.0, 0.1, 25) W (2.5759, 20, 0.1, 25) 7 (2.5759, 2.0, 0.15, 10) W (2.5759, 20, 0.15, 10) CT (2.5759, 2.0, 0.15, 10) T(2.5759, 20, 0.15, 20) 7 (25759, 20, 0.2, 15) 7 (2.5759, 20, 0.2, 20) Model (Parameters)