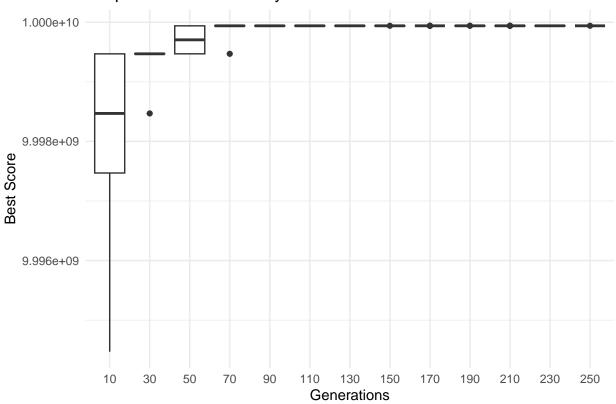
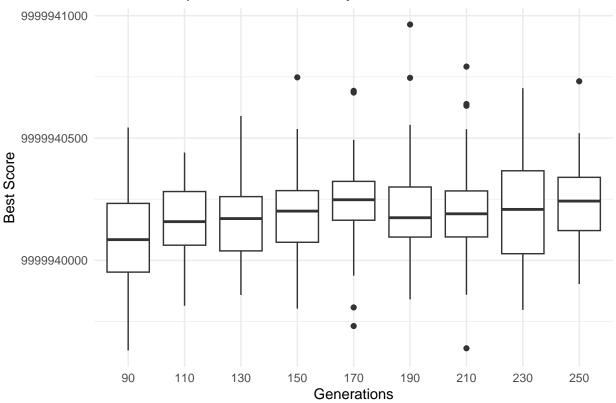
## Boxplot of Best Scores by Generations







## [1] "Pairwise Wilcoxon Test Results (All Data):"
print(wilcox\_results)

```
##
   Pairwise comparisons using Wilcoxon rank sum test with continuity correction
##
##
## data: data$best_score and as.factor(data$generations)
##
##
       10
               30
                       50
                               70
                                      90
                                              110
                                                      130
                                                              150
                                                                      170
## 30 1.7e-12 -
## 50 8.8e-15 2.1e-05 -
## 70 5.5e-16 6.6e-16 3.9e-08 -
      5.5e-16 5.5e-16 5.4e-11 1.00000 -
## 110 5.5e-16 5.5e-16 2.0e-13 0.00101 1.00000 -
## 130 5.5e-16 5.5e-16 4.6e-13 0.00360 1.00000 1.00000 -
## 150 5.5e-16 5.5e-16 2.1e-13 0.00068 1.00000 1.00000 -
## 170 5.5e-16 5.5e-16 2.2e-14 4.1e-06 0.03791 1.00000 1.00000 -
## 190 5.5e-16 5.5e-16 1.0e-13 0.00035 1.00000 1.00000 1.00000 1.00000 1.00000
## 210 5.5e-16 5.5e-16 2.2e-13 0.00058 1.00000 1.00000 1.00000 1.00000 1.00000
## 230 5.5e-16 5.5e-16 4.6e-13 0.00132 1.00000 1.00000 1.00000 1.00000 1.00000
## 250 5.5e-16 5.5e-16 3.0e-14 4.9e-06 0.06780 1.00000 1.00000 1.00000 1.00000
##
       190
              210
                      230
```