

```
# Create the dataset
method_A <- c(80, 85, 88, 92, 95)
method_B <- c(75, 78, 82, 87, 90)
method_C <- c(70, 72, 75, 80, 85)

# Combine the data into a single dataframe
data <- data.frame(
  method = factor(rep(c("A", "B", "C"), each = 5)),
  score = c(method_A, method_B, method_C)
)

# Check the structure of the dataset
str(data)

# Perform one-way ANOVA
anova_result <- aov(score ~ method, data = data)

# Summary of the ANOVA results
summary(anova_result)

# Post-hoc tests (if needed)
# For example, Tukey's HSD test
tukey_result <- TukeyHSD(anova_result)
print(tukey_result)
```