

| Test           | PERMANOVA(ADONIS)                      |
|----------------|--|
| Hypothesis     | Distributions of population is similar |
| Statistics     | pseudo-Fisher's Test                   |
| Distance       | unweighted_unifrac                     |
| Sample Size    | 158                                    |
| Group Size     | 2                                      |
| Groups         | Cancer-Normal                          |
| Permutations   | 1000                                   |
| test statistic | 21.833                                 |
| p-value        | <0.001***                              |