

| Test | LIBSHUFF |
|------------------|-------------------------------------|
| Hypothesis | the population structure is similar |
| Statistics | Cramer-von Mises statistic |
| Distance | weighted_unifrac |
| Sample Size | 30 |
| Group Size | 2 |
| Groups | carcinoma-normal |
| Permutations | 1000 |
| carcinoma-normal | Pvalue: <0.001 |
| normal-carcinoma | Pvalue: 0.742 |