| **Test** | **Comparison** | **Test Statistic** | ***p*-value** |
| --- | --- | --- | --- |
| Total Colony Size |  | 48.55 | < 0.001 |
|  | T1 – T2 | 4.27 | ns |
|  | T1 – T3 | 7.59 | < 0.001 |
|  | T1 – T4 | 9.01 | < 0.001 |
|  | T2 – T3 | 3.32 | ns |
|  | T2 – T4 | 4.74 | 0.026 |
|  | T3 – T4 | 1.42 | ns |
| Healthy Tissue Area |  | 41.29 | < 0.001 |
|  | T1 – T2 | 4.27 | 0.026 |
|  | T1 – T3 | 7.59 | < 0.001 |
|  | T1 – T4 | 9.01 | < 0.001 |
|  | T2 – T3 | 3.32 | ns |
|  | T2 – T4 | 4.74 | ns |
|  | T3 – T4 | 1.42 | ns |
| Disease Lesion Area |  | 14.02 | 0.003 |
|  | T1 – T2 | 4.27 | ns |
|  | T1 – T3 | 7.59 | ns |
|  | T1 – T4 | 9.01 | ns |
|  | T2 – T3 | 3.32 | ns |
|  | T2 – T4 | 4.74 | 0.012 |
|  | T3 – T4 | 1.42 | ns |