| Factor | Df | SumOfSqs | R2 | F | Pr(>F) |
| --- | --- | --- | --- | --- | --- |
| DNA viral community (Stem extension) | | | | | |
| Rotation | 1 | 1.03347303 | 0.19097655 | 3.749473 | 0.001 |
| Compartment | 1 | 0.79483471 | 0.14687833 | 2.883686 | 0.008 |
| Residual | 13 | 3.58321016 | 0.66214512 |  |  |
| Total | 15 | 5.41151791 | 1.00000000 |  |  |
| ssRNA phage community (All time points) | | | | | |
| Rotation | 1 | 2.00886429 | 0.10327084 | 5.685102 | 0.001 |
| Compartment | 1 | 1.07565126 | 0.05529662 | 3.044102 | 0.001 |
| Growth stage | 2 | 1.52692364 | 0.07849544 | 2.160603 | 0.001 |
| Residual | 42 | 14.84094785 | 0.76293710 |  |  |
| Total | 46 | 19.45238704 | 1.00000000 |  |  |
| ssRNA phage community (Seedling) | | | | | |
| Rotation | 1 | 1.13599455 | 0.18152333 | 3.223734 | 0.001 |
| Compartment | 1 | 0.54112321 | 0.08646739 | 1.535604 | 0.041 |
| Residual | 13 | 4.58100092 | 0.73200927 |  |  |
| Total | 15 | 6.25811868 | 1.00000000 |  |  |
| ssRNA phage community (Stem extension) | | | | | |
| Rotation | 1 | 0.80738680 | 0.14078365 | 2.332452 | 0.001 |
| Compartment | 1 | 0.77371693 | 0.13491265 | 2.235184 | 0.001 |
| Residual | 12 | 4.15384351 | 0.72430370 |  |  |
| Total | 14 | 5.73494725 | 1.00000000 |  |  |
| ssRNA phage community (Pre-harvest) | | | | | |
| Rotation | 1 | 1.13893070 | 0.19188140 | 3.496764 | 0.001 |
| Compartment | 1 | 0.56243722 | 0.09475664 | 1.726804 | 0.021 |
| Residual | 13 | 4.23422931 | 0.71336197 |  |  |
| Total | 15 | 5.93559724 | 1.00000000 |  |  |
| Bacterial community (All time points) | | | | | |
| Rotation | 1 | 0.22263626 | 0.11469268 | 9.901717 | 0.001 |
| Compartment | 1 | 0.49472955 | 0.25486350 | 22.003028 | 0.001 |
| Growth stage | 2 | 0.25695083 | 0.13237008 | 5.713926 | 0.001 |
| Residual | 43 | 0.96683831 | 0.49807374 |  |  |
| Total | 47 | 1.94115496 | 1.00000000 |  |  |
| Bacterial community (Seedling) | | | | | |
| Rotation | 1 | 0.09955335 | 0.14375151 | 4.149998 | 0.006 |
| Compartment | 1 | 0.28113039 | 0.40594233 | 11.719250 | 0.001 |
| Residual | 13 | 0.31185402 | 0.45030616 |  |  |
| Total | 15 | 0.69253776 | 1.00000000 |  |  |
| Bacterial community (Stem extension) | | | | | |
| Rotation | 1 | 0.07867625 | 0.16568983 | 4.351878 | 0.002 |
| Compartment | 1 | 0.16114136 | 0.33935889 | 8.913333 | 0.001 |
| Residual | 13 | 0.23502293 | 0.49495128 |  |  |
| Total | 15 | 0.47484053 | 1.00000000 |  |  |
| Bacterial community (Pre-harvest) | | | | | |
| Rotation | 1 | 0.12166905 | 0.23541597 | 7.037237 | 0.001 |
| Compartment | 1 | 0.17039558 | 0.32969633 | 9.855538 | 0.001 |
| Residual | 13 | 0.22476119 | 0.43488770 |  |  |
| Total | 15 | 0.51682583 | 1.00000000 |  |  |