## Field

| Factor | Sum Sq | Df | F value | Pr(>F) |
| --- | --- | --- | --- | --- |
| Treatment | 4.587 | 5 | 7.437 | 0.000 |
| Observation | 697.320 | 15 | 376.921 | 0.000 |
| Treatment:Observation | 8.000 | 75 | 0.865 | 0.789 |
| Residuals | 333.994 | 2,708 |  |  |

## Field

| Factor | shannon | groups |
| --- | --- | --- |
| MW.Field.9 | 1.55517225 | a |
| MAN.Pot.9 | 1.51792334 | ab |
| HC.Pot.9 | 1.50287890 | ab |
| CHI.Field.9 | 1.49980703 | ab |
| CO.Pot.8 | 1.46923587 | abc |
| HC.Pot.8 | 1.46155355 | abc |
| MW.Pot.7 | 1.44002429 | abcd |
| CHI.Pot.8 | 1.43023672 | abcd |
| MAN.Pot.8 | 1.41534093 | abcde |
| HC.Pot.7 | 1.41107568 | abcde |
| MW.Pot.8 | 1.39331390 | abcde |
| HC.Field.9 | 1.38598550 | abcdef |
| MAN.Field.9 | 1.38516856 | abcdef |
| BSF.Pot.9 | 1.37458670 | abcdef |
| MW.Pot.9 | 1.36236695 | abcdef |
| MAN.Pot.10 | 1.36037406 | abcdef |
| MW.Pot.12 | 1.35483471 | abcdef |
| MW.Pot.6 | 1.35459440 | abcdef |
| HC.Pot.10 | 1.35334038 | abcdef |
| MAN.Field.8 | 1.34862705 | abcdef |
| MAN.Pot.6 | 1.33846983 | abcdef |
| CO.Field.8 | 1.33279337 | abcdef |
| MW.Field.8 | 1.32542549 | abcdefg |
| HC.Field.8 | 1.30815681 | abcdefgh |
| CO.Pot.9 | 1.30452854 | abcdefgh |
| MAN.Pot.7 | 1.29708968 | abcdefgh |
| CO.Field.9 | 1.29629678 | abcdefgh |
| CO.Pot.6 | 1.29574304 | abcdefgh |
| HC.Pot.12 | 1.28010245 | abcdefgh |
| MW.Field.10 | 1.27518323 | abcdefgh |
| BSF.Pot.7 | 1.26889554 | abcdefgh |
| BSF.Field.9 | 1.26689139 | abcdefgh |
| HC.Pot.6 | 1.26273211 | abcdefgh |
| BSF.Field.7 | 1.25321975 | abcdefgh |
| HC.Field.7 | 1.24879557 | abcdefghi |
| BSF.Pot.8 | 1.24680071 | abcdefghi |
| MW.Field.12 | 1.24020974 | abcdefghi |
| MAN.Pot.13 | 1.24020639 | abcdefghi |
| CO.Pot.12 | 1.23795661 | abcdefghi |
| CHI.Pot.9 | 1.22230684 | abcdefghi |
| HC.Field.11 | 1.22064588 | abcdefghij |
| CO.Pot.10 | 1.21648059 | abcdefghij |
| CO.Pot.14 | 1.21616565 | abcdefghij |
| HC.Field.10 | 1.21599186 | abcdefghij |
| BSF.Pot.12 | 1.21523462 | abcdefghij |
| CO.Pot.15 | 1.21448020 | abcdefghijk |
| MAN.Field.6 | 1.20397501 | abcdefghijk |
| CHI.Field.7 | 1.20128541 | abcdefghijk |
| HC.Field.6 | 1.19980561 | abcdefghijk |
| MAN.Pot.11 | 1.19603824 | abcdefghijk |
| CHI.Field.8 | 1.19108904 | abcdefghijk |
| BSF.Field.8 | 1.18808202 | abcdefghijk |
| MW.Pot.15 | 1.18543840 | abcdefghijk |
| MW.Pot.14 | 1.18233265 | abcdefghijk |
| MAN.Pot.14 | 1.18111155 | abcdefghijk |
| HC.Pot.16 | 1.17978362 | abcdefghijk |
| MW.Field.7 | 1.17676728 | abcdefghijk |
| CO.Pot.7 | 1.17559434 | abcdefghijkl |
| CHI.Field.10 | 1.17257541 | abcdefghijkl |
| HC.Pot.11 | 1.16838853 | abcdefghijkl |
| CO.Pot.13 | 1.16803860 | abcdefghijkl |
| BSF.Pot.6 | 1.16466820 | abcdefghijkl |
| MW.Pot.10 | 1.15514953 | abcdefghijkl |
| MAN.Pot.12 | 1.15206336 | abcdefghijkl |
| HC.Field.15 | 1.15036867 | abcdefghijkl |
| BSF.Pot.10 | 1.14519107 | abcdefghijkl |
| CHI.Pot.7 | 1.14373823 | abcdefghijkl |
| BSF.Field.6 | 1.13995789 | abcdefghijkl |
| HC.Field.16 | 1.13581987 | abcdefghijkl |
| CHI.Pot.10 | 1.13544441 | abcdefghijkl |
| HC.Pot.15 | 1.13470385 | abcdefghijkl |
| BSF.Field.10 | 1.12756081 | abcdefghijkl |
| CHI.Field.12 | 1.12640818 | abcdefghijkl |
| CO.Pot.16 | 1.12357915 | abcdefghijklm |
| MW.Field.16 | 1.12266576 | abcdefghijklm |
| CO.Field.10 | 1.11913791 | abcdefghijklm |
| MW.Field.6 | 1.11778453 | abcdefghijklm |
| CHI.Pot.12 | 1.11573933 | abcdefghijklm |
| MW.Field.15 | 1.11548709 | abcdefghijklm |
| MW.Pot.13 | 1.11510689 | abcdefghijklm |
| HC.Field.12 | 1.11401914 | abcdefghijklm |
| CHI.Field.13 | 1.10904833 | abcdefghijklm |
| CO.Pot.11 | 1.10641237 | abcdefghijklm |
| HC.Field.14 | 1.10478168 | abcdefghijklm |
| MW.Pot.11 | 1.10159293 | abcdefghijklm |
| MAN.Field.7 | 1.09385424 | abcdefghijklm |
| CHI.Pot.6 | 1.08764640 | abcdefghijklm |
| MW.Field.13 | 1.08594166 | abcdefghijklm |
| MAN.Field.15 | 1.07927303 | abcdefghijklm |
| MW.Field.14 | 1.07907410 | abcdefghijklm |
| CHI.Pot.15 | 1.07687990 | abcdefghijklm |
| MW.Field.11 | 1.07245870 | abcdefghijklm |
| MAN.Pot.16 | 1.06447946 | abcdefghijklm |
| MAN.Pot.15 | 1.06295884 | abcdefghijklm |
| MW.Pot.16 | 1.05946384 | abcdefghijklm |
| MAN.Field.10 | 1.05641526 | abcdefghijklm |
| BSF.Field.16 | 1.05640798 | abcdefghijklm |
| BSF.Pot.11 | 1.05129471 | bcdefghijklm |
| HC.Pot.14 | 1.05072774 | bcdefghijklm |
| BSF.Pot.13 | 1.05003852 | bcdefghijklm |
| BSF.Pot.14 | 1.04943518 | bcdefghijklm |
| MAN.Field.12 | 1.04707684 | bcdefghijklm |
| HC.Field.13 | 1.04509352 | bcdefghijklmn |
| HC.Pot.13 | 1.04443545 | bcdefghijklmn |
| BSF.Field.12 | 1.04198627 | bcdefghijklmn |
| CHI.Field.14 | 1.03962556 | bcdefghijklmn |
| CHI.Field.6 | 1.03500314 | bcdefghijklmn |
| HC.Pot.5 | 1.03203263 | cdefghijklmn |
| CO.Field.7 | 1.02721106 | cdefghijklmn |
| CHI.Pot.14 | 1.02314397 | cdefghijklmn |
| CHI.Field.11 | 1.02189169 | cdefghijklmn |
| CHI.Field.16 | 1.01368330 | cdefghijklmno |
| CHI.Pot.11 | 1.01248086 | cdefghijklmno |
| MAN.Pot.5 | 1.01154471 | cdefghijklmno |
| BSF.Pot.15 | 1.00625238 | cdefghijklmno |
| CO.Field.6 | 0.99714730 | cdefghijklmno |
| MW.Pot.5 | 0.99382874 | cdefghijklmno |
| MAN.Field.11 | 0.99063991 | cdefghijklmnop |
| BSF.Field.11 | 0.98959657 | cdefghijklmnop |
| CO.Field.14 | 0.97159582 | cdefghijklmnop |
| CHI.Field.15 | 0.96432065 | cdefghijklmnop |
| BSF.Field.14 | 0.95885502 | cdefghijklmnop |
| CO.Field.11 | 0.95383368 | cdefghijklmnop |
| MAN.Field.13 | 0.93975520 | defghijklmnopq |
| MAN.Field.16 | 0.93716410 | defghijklmnopq |
| BSF.Field.15 | 0.93117278 | efghijklmnopq |
| CO.Field.15 | 0.93008100 | efghijklmnopq |
| BSF.Pot.5 | 0.90415405 | fghijklmnopq |
| CHI.Pot.16 | 0.90272346 | fghijklmnopq |
| BSF.Field.13 | 0.90147571 | fghijklmnopq |
| CO.Field.12 | 0.89628517 | fghijklmnopq |
| MAN.Field.14 | 0.89419113 | fghijklmnopqr |
| CO.Field.16 | 0.88686499 | fghijklmnopqr |
| CHI.Pot.13 | 0.87598706 | fghijklmnopqr |
| BSF.Pot.16 | 0.86937675 | fghijklmnopqr |
| MW.Field.5 | 0.85829566 | ghijklmnopqr |
| CO.Field.13 | 0.82667848 | ghijklmnopqrs |
| CO.Pot.5 | 0.82242270 | hijklmnopqrs |
| HC.Field.5 | 0.81555754 | hijklmnopqrs |
| MAN.Pot.4 | 0.80287433 | ijklmnopqrs |
| CO.Field.5 | 0.79791950 | ijklmnopqrs |
| MAN.Field.5 | 0.76698259 | ijklmnopqrs |
| CHI.Field.5 | 0.72685982 | jklmnopqrst |
| CHI.Pot.5 | 0.71927177 | klmnopqrst |
| BSF.Field.5 | 0.69643068 | lmnopqrst |
| HC.Pot.4 | 0.67806041 | mnopqrst |
| BSF.Pot.4 | 0.60328936 | nopqrst |
| MW.Pot.4 | 0.58499031 | opqrst |
| CHI.Pot.4 | 0.57835351 | pqrst |
| HC.Field.4 | 0.56627373 | pqrst |
| MW.Field.4 | 0.51636311 | qrst |
| CO.Pot.4 | 0.46777934 | rstu |
| MAN.Field.4 | 0.44943780 | stuv |
| BSF.Field.4 | 0.44638482 | stuv |
| CO.Field.4 | 0.42224459 | stuvw |
| CHI.Field.4 | 0.35108577 | tuvwx |
| HC.Pot.3 | 0.17679590 | uvwxy |
| MW.Pot.1 | 0.13664613 | vwxy |
| HC.Pot.1 | 0.13503583 | vwxy |
| MAN.Pot.1 | 0.13207517 | wxy |
| HC.Pot.2 | 0.13065717 | wxy |
| MAN.Pot.3 | 0.11959004 | wxy |
| BSF.Pot.1 | 0.11358328 | wxy |
| MW.Field.3 | 0.08588140 | xy |
| HC.Field.3 | 0.07936039 | xy |
| CHI.Pot.1 | 0.07827666 | xy |
| MAN.Pot.2 | 0.07620023 | xy |
| CO.Pot.1 | 0.07129901 | xy |
| CO.Pot.3 | 0.07052970 | xy |
| MW.Pot.2 | 0.06599230 | xy |
| BSF.Pot.3 | 0.06338148 | xy |
| CHI.Pot.3 | 0.05675096 | xy |
| MAN.Field.1 | 0.05217639 | xy |
| MW.Pot.3 | 0.04787594 | xy |
| CO.Pot.2 | 0.04787303 | xy |
| MW.Field.1 | 0.04349816 | xy |
| CO.Field.3 | 0.04173647 | xy |
| CHI.Field.1 | 0.03934552 | xy |
| CHI.Field.3 | 0.03850818 | xy |
| BSF.Field.1 | 0.03810189 | xy |
| HC.Field.1 | 0.03745640 | xy |
| CO.Field.1 | 0.03267971 | y |
| CHI.Pot.2 | 0.03222554 | y |
| HC.Field.2 | 0.02486562 | y |
| BSF.Field.3 | 0.02051674 | y |
| BSF.Pot.2 | 0.01307825 | y |
| BSF.Field.2 | 0.01260268 | y |
| CO.Field.2 | 0.01200970 | y |
| MAN.Field.2 | 0.01200970 | y |
| CHI.Field.2 | 0.00000000 | y |
| MAN.Field.3 | 0.00000000 | y |
| MW.Field.2 | 0.00000000 | y |