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| --- |
|  |
| Multilevel pattern analysis |
| --------------------------- |
|  |
| Association function: IndVal.g |
| Significance level (alpha): 0.05 |
|  |
| Total number of species: 5169 |
| Selected number of species: 3768 |
| Number of species associated to 1 group: 3743 |
| Number of species associated to 2 groups: 25 |
|  |
| List of species associated to each combination: |
|  |
| Group Pileus #sps. 2 |
| stat p.value |
| OTU\_6929 0.767 0.0308 \* |
| OTU\_1794 0.764 0.0207 \* |
|  |
| Group Soil #sps. 3739 |
| stat p.value |
| OTU\_869 1.000 0.000253 \*\*\* |
| OTU\_94 1.000 0.000253 \*\*\* |
| OTU\_785 1.000 0.000253 \*\*\* |
| OTU\_1229 1.000 0.000253 \*\*\* |
| OTU\_204 1.000 0.000253 \*\*\* |
| OTU\_10659 1.000 0.000253 \*\*\* |
| OTU\_818 1.000 0.000253 \*\*\* |
| OTU\_2777 1.000 0.000253 \*\*\* |
| OTU\_285 1.000 0.000253 \*\*\* |
| OTU\_2790 1.000 0.000253 \*\*\* |
| OTU\_870 1.000 0.000253 \*\*\* |
| OTU\_3177 1.000 0.000253 \*\*\* |
| OTU\_602 1.000 0.000253 \*\*\* |
| OTU\_8712 1.000 0.000253 \*\*\* |
| OTU\_3165 1.000 0.000253 \*\*\* |
| OTU\_3098 1.000 0.000253 \*\*\* |
| OTU\_383 1.000 0.000253 \*\*\* |
| OTU\_498 1.000 0.000253 \*\*\* |
| OTU\_11226 1.000 0.000253 \*\*\* |
| OTU\_982 1.000 0.000253 \*\*\* |
| OTU\_90 1.000 0.000253 \*\*\* |
| OTU\_2749 1.000 0.000253 \*\*\* |
| OTU\_4991 1.000 0.000253 \*\*\* |
| OTU\_12181 1.000 0.000253 \*\*\* |
| OTU\_610 1.000 0.000253 \*\*\* |
| OTU\_284 1.000 0.000253 \*\*\* |
| OTU\_2186 1.000 0.000253 \*\*\* |
| OTU\_1958 1.000 0.000253 \*\*\* |
| OTU\_462 1.000 0.000253 \*\*\* |
| OTU\_725 1.000 0.000253 \*\*\* |
| OTU\_380 1.000 0.000253 \*\*\* |
| OTU\_325 1.000 0.000253 \*\*\* |
| OTU\_3095 1.000 0.000253 \*\*\* |
| OTU\_319 1.000 0.000253 \*\*\* |
| OTU\_1703 1.000 0.000253 \*\*\* |
| OTU\_674 1.000 0.000253 \*\*\* |
| OTU\_2112 1.000 0.000253 \*\*\* |
| OTU\_2430 1.000 0.000253 \*\*\* |
| OTU\_7130 1.000 0.000253 \*\*\* |
| OTU\_6552 1.000 0.000253 \*\*\* |
| OTU\_938 1.000 0.000253 \*\*\* |
| OTU\_396 1.000 0.000253 \*\*\* |
| OTU\_300 1.000 0.000253 \*\*\* |
| OTU\_477 1.000 0.000253 \*\*\* |
| OTU\_4313 1.000 0.000253 \*\*\* |
| OTU\_925 1.000 0.000253 \*\*\* |
| OTU\_2783 1.000 0.000253 \*\*\* |
| OTU\_995 1.000 0.000253 \*\*\* |
| OTU\_4468 1.000 0.000253 \*\*\* |
| OTU\_237 1.000 0.000253 \*\*\* |
| OTU\_392 1.000 0.000253 \*\*\* |
| OTU\_515 1.000 0.000253 \*\*\* |
| OTU\_2631 1.000 0.000253 \*\*\* |
| OTU\_1175 1.000 0.000253 \*\*\* |
| OTU\_1150 1.000 0.000253 \*\*\* |
| OTU\_1180 1.000 0.000253 \*\*\* |
| OTU\_968 1.000 0.000253 \*\*\* |
| OTU\_1118 1.000 0.000253 \*\*\* |
| OTU\_520 1.000 0.000253 \*\*\* |
| OTU\_423 1.000 0.000253 \*\*\* |
| OTU\_535 1.000 0.000253 \*\*\* |
| OTU\_506 1.000 0.000253 \*\*\* |
| OTU\_3608 1.000 0.000253 \*\*\* |
| OTU\_12218 1.000 0.000253 \*\*\* |
| OTU\_1481 1.000 0.000253 \*\*\* |
| OTU\_762 1.000 0.000253 \*\*\* |
| OTU\_2623 1.000 0.000253 \*\*\* |
| OTU\_2356 1.000 0.000253 \*\*\* |
| OTU\_253 1.000 0.000253 \*\*\* |
| OTU\_1291 1.000 0.000253 \*\*\* |
| OTU\_836 1.000 0.000253 \*\*\* |
| OTU\_666 1.000 0.000253 \*\*\* |
| OTU\_433 1.000 0.000253 \*\*\* |
| OTU\_4791 1.000 0.000253 \*\*\* |
| OTU\_3149 1.000 0.000253 \*\*\* |
| OTU\_2218 1.000 0.000253 \*\*\* |
| OTU\_9669 1.000 0.000253 \*\*\* |
| OTU\_451 1.000 0.000253 \*\*\* |
| OTU\_1319 1.000 0.000253 \*\*\* |
| OTU\_2174 1.000 0.000253 \*\*\* |
| OTU\_763 1.000 0.000253 \*\*\* |
| OTU\_2850 1.000 0.000253 \*\*\* |
| OTU\_3352 1.000 0.000253 \*\*\* |
| OTU\_2221 1.000 0.000253 \*\*\* |
| OTU\_1664 1.000 0.000253 \*\*\* |
| OTU\_8368 1.000 0.000253 \*\*\* |
| OTU\_1469 1.000 0.000253 \*\*\* |
| OTU\_2129 1.000 0.000253 \*\*\* |
| OTU\_9292 1.000 0.000253 \*\*\* |
| OTU\_2052 1.000 0.000253 \*\*\* |
| OTU\_2366 1.000 0.000253 \*\*\* |
| OTU\_1782 1.000 0.000253 \*\*\* |
| OTU\_1159 1.000 0.000253 \*\*\* |
| OTU\_1519 1.000 0.000253 \*\*\* |
| OTU\_1139 1.000 0.000253 \*\*\* |
| OTU\_1421 1.000 0.000253 \*\*\* |
| OTU\_4593 1.000 0.000253 \*\*\* |
| OTU\_1059 1.000 0.000253 \*\*\* |
| OTU\_1612 1.000 0.000253 \*\*\* |
| OTU\_1233 1.000 0.000253 \*\*\* |
| OTU\_3355 1.000 0.000253 \*\*\* |
| OTU\_920 1.000 0.000253 \*\*\* |
| OTU\_634 1.000 0.000253 \*\*\* |
| OTU\_672 1.000 0.000253 \*\*\* |
| OTU\_7640 1.000 0.000253 \*\*\* |
| OTU\_1665 1.000 0.000253 \*\*\* |
| OTU\_4830 1.000 0.000253 \*\*\* |
| OTU\_3749 1.000 0.000253 \*\*\* |
| OTU\_1326 1.000 0.000253 \*\*\* |
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| OTU\_1038 1.000 0.000253 \*\*\* |
| OTU\_264 1.000 0.000253 \*\*\* |
| OTU\_534 1.000 0.000253 \*\*\* |
| OTU\_3727 1.000 0.000253 \*\*\* |
| OTU\_4898 1.000 0.000253 \*\*\* |
| OTU\_2745 1.000 0.000253 \*\*\* |
| OTU\_1281 1.000 0.000253 \*\*\* |
| OTU\_1328 1.000 0.000253 \*\*\* |
| OTU\_809 1.000 0.000253 \*\*\* |
| OTU\_750 1.000 0.000253 \*\*\* |
| OTU\_1016 1.000 0.000253 \*\*\* |
| OTU\_3121 1.000 0.000253 \*\*\* |
| OTU\_2906 1.000 0.000253 \*\*\* |
| OTU\_355 1.000 0.000253 \*\*\* |
| OTU\_3524 1.000 0.000253 \*\*\* |
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| OTU\_707 1.000 0.000253 \*\*\* |
| OTU\_840 1.000 0.000253 \*\*\* |
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| OTU\_1321 1.000 0.000253 \*\*\* |
| OTU\_7859 1.000 0.000253 \*\*\* |
| OTU\_8601 1.000 0.000253 \*\*\* |
| OTU\_531 1.000 0.000253 \*\*\* |
| OTU\_1554 1.000 0.000253 \*\*\* |
| OTU\_9457 1.000 0.000253 \*\*\* |
| OTU\_7415 1.000 0.000253 \*\*\* |
| OTU\_4566 1.000 0.000253 \*\*\* |
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| OTU\_4268 1.000 0.000253 \*\*\* |
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| OTU\_2180 1.000 0.000253 \*\*\* |
| OTU\_759 1.000 0.000253 \*\*\* |
| OTU\_2983 1.000 0.000253 \*\*\* |
| OTU\_9196 1.000 0.000253 \*\*\* |
| OTU\_9400 1.000 0.000253 \*\*\* |
| OTU\_2256 1.000 0.000253 \*\*\* |
| OTU\_2929 1.000 0.000253 \*\*\* |
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| OTU\_1970 1.000 0.000253 \*\*\* |
| OTU\_1231 1.000 0.000253 \*\*\* |
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| OTU\_880 1.000 0.000253 \*\*\* |
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| OTU\_3054 1.000 0.000253 \*\*\* |
| OTU\_2254 1.000 0.000253 \*\*\* |
| OTU\_1838 1.000 0.000253 \*\*\* |
| OTU\_2336 1.000 0.000253 \*\*\* |
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| OTU\_1704 1.000 0.000253 \*\*\* |
| OTU\_1807 1.000 0.000253 \*\*\* |
| OTU\_1666 1.000 0.000253 \*\*\* |
| OTU\_2113 1.000 0.000253 \*\*\* |
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| OTU\_1956 1.000 0.000253 \*\*\* |
| OTU\_11282 1.000 0.000253 \*\*\* |
| OTU\_6659 1.000 0.000253 \*\*\* |
| OTU\_519 1.000 0.000253 \*\*\* |
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| OTU\_6240 1.000 0.000253 \*\*\* |
| OTU\_1322 1.000 0.000253 \*\*\* |
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| OTU\_12084 1.000 0.000253 \*\*\* |
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| OTU\_605 1.000 0.000253 \*\*\* |
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| OTU\_1479 1.000 0.000253 \*\*\* |
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| OTU\_5710 1.000 0.000253 \*\*\* |
| OTU\_3003 1.000 0.000253 \*\*\* |
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| OTU\_6595 1.000 0.000253 \*\*\* |
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| OTU\_1178 1.000 0.000253 \*\*\* |
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| OTU\_817 1.000 0.000253 \*\*\* |
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| OTU\_7516 1.000 0.000253 \*\*\* |
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| OTU\_1546 1.000 0.000253 \*\*\* |
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| OTU\_2074 1.000 0.000253 \*\*\* |
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| OTU\_3097 1.000 0.000253 \*\*\* |
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| OTU\_1217 1.000 0.000253 \*\*\* |
| OTU\_2162 1.000 0.000253 \*\*\* |
| OTU\_2252 1.000 0.000253 \*\*\* |
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| OTU\_7065 1.000 0.000253 \*\*\* |
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| OTU\_5763 1.000 0.000253 \*\*\* |
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| OTU\_3383 1.000 0.000253 \*\*\* |
| OTU\_2744 1.000 0.000253 \*\*\* |
| OTU\_1764 1.000 0.000253 \*\*\* |
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| OTU\_1997 1.000 0.000253 \*\*\* |
| OTU\_4308 1.000 0.000253 \*\*\* |
| OTU\_11439 1.000 0.000253 \*\*\* |
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| OTU\_6846 1.000 0.000253 \*\*\* |
| OTU\_7379 1.000 0.000253 \*\*\* |
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| OTU\_2604 1.000 0.000253 \*\*\* |
| OTU\_7260 1.000 0.000253 \*\*\* |
| OTU\_4794 1.000 0.000253 \*\*\* |
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| OTU\_3060 1.000 0.000253 \*\*\* |
| OTU\_2258 1.000 0.000253 \*\*\* |
| OTU\_2151 1.000 0.000253 \*\*\* |
| OTU\_2981 1.000 0.000253 \*\*\* |
| OTU\_1602 1.000 0.000253 \*\*\* |
| OTU\_8934 1.000 0.000253 \*\*\* |
| OTU\_4326 1.000 0.000253 \*\*\* |
| OTU\_5254 1.000 0.000253 \*\*\* |
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| OTU\_3368 1.000 0.000253 \*\*\* |
| OTU\_2274 1.000 0.000253 \*\*\* |
| OTU\_2825 1.000 0.000253 \*\*\* |
| OTU\_3602 1.000 0.000253 \*\*\* |
| OTU\_5016 1.000 0.000253 \*\*\* |
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| OTU\_3764 1.000 0.000253 \*\*\* |
| OTU\_4404 1.000 0.000253 \*\*\* |
| OTU\_10752 1.000 0.000253 \*\*\* |
| OTU\_262 1.000 0.000253 \*\*\* |
| OTU\_297 1.000 0.000253 \*\*\* |
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| OTU\_141 1.000 0.000253 \*\*\* |
| OTU\_159 1.000 0.000253 \*\*\* |
| OTU\_456 1.000 0.000253 \*\*\* |
| OTU\_181 1.000 0.000253 \*\*\* |
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| OTU\_7090 0.707 0.008127 \*\* |
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| OTU\_8000 0.632 0.032945 \* |
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| OTU\_8517 0.632 0.033952 \* |
| OTU\_7924 0.632 0.033952 \* |
| OTU\_24 0.627 0.044835 \* |
| OTU\_5421 0.619 0.033048 \* |
| OTU\_2734 0.619 0.049628 \* |
| OTU\_2322 0.617 0.032945 \* |
| OTU\_6331 0.614 0.031699 \* |
| OTU\_5097 0.612 0.033050 \* |
| OTU\_6989 0.612 0.038711 \* |
| OTU\_8371 0.612 0.031615 \* |
| OTU\_7041 0.611 0.033048 \* |
| OTU\_5914 0.608 0.032945 \* |
| OTU\_5855 0.607 0.034644 \* |
| OTU\_11202 0.592 0.034874 \* |
|  |
| Group Stipe #sps. 2 |
| stat p.value |
| OTU\_4709 0.749 0.0119 \* |
| OTU\_402 0.683 0.0184 \* |
|  |
| Group Pileus+Soil #sps. 5 |
| stat p.value |
| OTU\_362 0.948 0.0315 \* |
| OTU\_2182 0.887 0.0392 \* |
| OTU\_353 0.862 0.0341 \* |
| OTU\_1272 0.742 0.0359 \* |
| OTU\_1651 0.707 0.0355 \* |
|  |
| Group Pileus+Stipe #sps. 4 |
| stat p.value |
| OTU\_50 0.999 0.000253 \*\*\* |
| OTU\_2352 0.998 0.003394 \*\* |
| OTU\_79 0.982 0.000253 \*\*\* |
| OTU\_5515 0.904 0.011414 \* |
|  |
| Group Soil+Stipe #sps. 16 |
| stat p.value |
| OTU\_956 0.997 0.000253 \*\*\* |
| OTU\_320 0.965 0.002235 \*\* |
| OTU\_147 0.931 0.003890 \*\* |
| OTU\_63 0.917 0.000658 \*\*\* |
| OTU\_800 0.886 0.003716 \*\* |
| OTU\_802 0.879 0.002894 \*\* |
| OTU\_645 0.866 0.005438 \*\* |
| OTU\_1876 0.813 0.016054 \* |
| OTU\_5386 0.806 0.009583 \*\* |
| OTU\_4117 0.775 0.013520 \* |
| OTU\_5766 0.774 0.049507 \* |
| OTU\_254 0.768 0.042967 \* |
| OTU\_905 0.761 0.031336 \* |
| OTU\_5575 0.756 0.033048 \* |
| OTU\_4532 0.742 0.027703 \* |
| OTU\_1725 0.742 0.032219 \* |
| --- |
| Signif. codes: 0 ‚Äò\*\*\*‚Äô 0.001 ‚Äò\*\*‚Äô 0.01 ‚Äò\*‚Äô 0.05 ‚Äò.‚Äô 0.1 ‚Äò ‚Äô 1 |