The results of statistical analyses are presented in the Table 3 and on figures 3a, 3b and 3c. Below we reported details of statistic we used in the manuscript.

|  |  |  |  |
| --- | --- | --- | --- |
|  | df | Wald’s statistic | p value |
| Individuals | 2 | 45.646 | 0.000000 |
| Species | 2 | 84.7538 | 0.00 |
| MIB | 2 | 173.1 | 0.00 |

Homogenous groups

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nr podkl. | Bonferroni’s test; **Individuals**, Homogenous groups, alfa = ,05000 Error: MS Effect = 17,363, df = 657,00 | | | |
| |  | | --- | | The age of the forest | | |  | | --- | | Individuals Medium | | |  | | --- | | 1 | | |  | | --- | | 2 | |
| |  | | --- | | 1 | | C | 3,895455 |  | \*\*\*\* |
| |  | | --- | | 2 | | B | 5,100000 | \*\*\*\* |  |
| |  | | --- | | 3 | | A | 5,118182 | \*\*\*\* |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Nr podkl. | Bonferroni’s test; **Species**, Homogenous groups, alfa = ,05000 Error: MS Effect = 2,1012, df = 657,00 | | | | |
| |  | | --- | | The age of the forest | | |  | | --- | | Individuals Medium | | |  | | --- | | 1 | | |  | | --- | | 2 | | |  | | --- | | 3 | |
| |  | | --- | | 1 | | C | 1,495455 | \*\*\*\* |  |  |
| |  | | --- | | 2 | | B | 2,431818 |  | \*\*\*\* |  |
| |  | | --- | | 3 | | A | 2,781818 |  |  | \*\*\*\* |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nr podkl. | Bonferroni’s test; **MIB**, Homogenous groups, alfa = ,05000 Error: MS Effect = 7441,2, df = 57,000 | | | |
| |  | | --- | | Age | | |  | | --- | | MIB Medium | | |  | | --- | | 1 | | |  | | --- | | 2 | |
| |  | | --- | | 3 | | A | 273,8185 | \*\*\*\* |  |
| |  | | --- | | 2 | | B | 286,6709 | \*\*\*\* | \*\*\*\* |
| |  | | --- | | 1 | | C | 341,8430 |  | \*\*\*\* |