Table 3. Number of families from a total of 229 that had different abundances (*p-adjusted* < 0.05 after results from DESeq2) between conditions for each contrast (in parenthesis for each factor). The total number is broken down into families with higher (+) or lower (-) abundances of level 1 respect level 2.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **factor** | **strata** | **Level 1** | **Level 2** | **total** | **+** | **-** |
| Species plot  (148) |  | *S. maritima* | *S. ramosissima* | 45 | 19 | 26 |
|  | *A. portulacoides* | *S. densiflora* | 52 | 22 | 30 |
|  | *S. maritima* | *A. macrostachyum* | 112 | 51 | 61 |
|  | *S. maritima* | *A. portulacoides* | 25 | 5 | 20 |
|  | *S. maritima* | *S. densiflora* | 103 | 41 | 62 |
|  | *S. ramosissima* | *A. macrostachyum* | 27 | 6 | 21 |
|  | *S. ramosissima* | *A. portulacoides* | 38 | 17 | 21 |
|  | *S. ramosissima* | *S. densiflora* | 44 | 16 | 28 |
|  | *A. macrostachyum* | *A. portulacoides* | 61 | 37 | 24 |
|  | *A. macrostachyum* | *S. densiflora* | 6 | 4 | 2 |
| Rhizosphere  (80) | overall | rhizosphere | bulk soil | 8 | 5 | 3 |
| *A. macrostachyum* | 0 | 0 | 0 |
| *H. portulacoides* | 28 | 7 | 21 |
| *S. ramosissima* | 0 | 0 | 0 |
| *S. densiflora* | 18 | 5 | 13 |
| *S. maritima* | 40 | 21 | 19 |
| Season  (41) |  | spring | summer | 1 | 1 | 0 |
|  | spring | autumn | 2 | 1 | 1 |
|  | spring | winter | 28 | 20 | 8 |
|  | summer | autumn | 1 | 1 | 0 |
|  | summer | winter | 27 | 16 | 11 |
|  | autumn | winter | 19 | 17 | 2 |