**Supplemental Data S5**

*Crassatella kokeni* Ihering, 1899

*Results from PCA:*

|  |  |  |  |
| --- | --- | --- | --- |
| PC | Eigenvalue | % variance | Acumulative |
| 1 | 2,76E+11 | 65,349 | 65,349 |
| 2 | 8,47E+10 | 20,098 | 85,447 |
| 3 | 2,07E+10 | 4,911 | 90,358 |
| 4 | 1,17E+10 | 2,7687 | 93,1267 |
| 5 | 6,89E+09 | 1,6331 | 94,7598 |
| 6 | 5,96E+09 | 1,4145 | 96,1743 |
| 7 | 3,38E+09 | 0,80164 | 96,97594 |
| 8 | 2,72E+09 | 0,64515 | 97,62109 |
| 9 | 1,90E+09 | 0,45102 | 98,07211 |
| 10 | 1,67E+09 | 0,39497 | 98,46708 |
| 11 | 1,51E+09 | 0,35857 | 98,82565 |
| 12 | 1,29E+09 | 0,30704 | 99,13269 |
| 13 | 7,55E+08 | 0,17913 | 99,31182 |
| 14 | 6,59E+08 | 0,15628 | 99,4681 |
| 15 | 4,67E+08 | 0,11067 | 99,57877 |
| 16 | 3,41E+08 | 0,080793 | 99,65956 |
| 17 | 3,15E+08 | 0,074618 | 99,73418 |
| 18 | 2,84E+08 | 0,067259 | 99,80144 |
| 19 | 2,37E+08 | 0,056272 | 99,85771 |
| 20 | 1,70E+08 | 0,040316 | 99,89803 |
| 21 | 1,13E+08 | 0,026866 | 99,92489 |
| 22 | 1,10E+08 | 0,025986 | 99,95088 |
| 23 | 9,39E+07 | 0,022273 | 99,97315 |
| 24 | 7,55E+07 | 0,017911 | 99,99106 |
| 25 | 3,97E+07 | 0,009414 | 100,0005 |

*Results from MRA:*

MANOVA Test

Wilks´ lambda: 0,604

F: 15,3

df1: 3

df1: 70

p(regr): 9,395E-08

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variable | Slope | Error | Intercept | Error | r | p |
| PC 1 | 10,171 | 32,457 | 2416,3 | 9857,8 | 0,036906 | 0,7549 |
| PC 2 | 88,77 | 14,795 | -21088 | 4493,5 | 0,57735 | 7,2463E-08 |
| PC 3 | -18,767 | 8,6535 | 4458,2 | 2628,2 | -0,24763 | 0,033405 |