

ANOSIM

Analysis of Similarities

One-Way Analysis

Resemblance worksheet

Name: Resem1

Data type: Distance

Selection: All

Factor Values

Factor: Site

1
2
3
4

Factor Groups

Sample Site

S1 1
S2 2
S3 3
S5 3
S4 4
S6 4
S7 4

Global Test

Sample statistic (Global R): 0.971

Significance level of sample statistic: 0.5%

Number of permutations: 210 (All possible permutations)

Number of permuted statistics greater than or equal to Global R: 1

Pairwise Tests

Groups	R Statistic	Significance Level %	Possible Permutations	Actual Permutations	Number >= Observed
1, 3	1	33.3	3	3	1
1, 4	1	25	4	4	1
2, 3	1	33.3	3	3	1
2, 4	1	25	4	4	1
3, 4	0.917	10	10	10	1

Failed Pairwise Tests

Groups Error

1, 2 At least one level must be larger than 1 in size

Outputs

Plot: Graph3