ANOSIM

Analysis of Similarities

Two-Way Crossed - AxB

*Resemblance worksheet*

Name: Resem1

Data type: Distance

Selection: All

*Factors*

Place Name Type Levels

A Location Unordered 6

B Season Unordered 2

Location levels

S1

S2

S3

S4

S5

S6

Season levels

Dry

Wet

*Tests for differences between unordered Location groups*

*(across all Season groups)*

*Global Test*

Sample statistic (Average R): 1

Significance level of sample statistic: 0.1%

Number of permutations: 999 (Random sample from 108056025)

Number of permuted statistics greater than or equal to Average R: 0

*Pairwise Tests*

 R Significance Possible Actual Number >=

Groups Statistic Level % Permutations Permutations Observed

S1, S2 1 11.1 9 9 1

S1, S3 1 11.1 9 9 1

S1, S4 1 11.1 9 9 1

S1, S5 1 11.1 9 9 1

S1, S6 1 11.1 9 9 1

S2, S3 1 11.1 9 9 1

S2, S4 1 11.1 9 9 1

S2, S5 1 11.1 9 9 1

S2, S6 1 11.1 9 9 1

S3, S4 1 11.1 9 9 1

S3, S5 1 11.1 9 9 1

S3, S6 1 11.1 9 9 1

S4, S5 1 11.1 9 9 1

S4, S6 1 11.1 9 9 1

S5, S6 1 11.1 9 9 1

*Tests for differences between unordered Season groups*

*(across all Location groups)*

*Global Test*

Sample statistic (Average R): 1

Significance level of sample statistic: 0.1%

Number of permutations: 729 (All possible permutations)

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

*Outputs*

Plot: Graph4

Plot: Graph5