Order 2

Effect on J. occ.

Rescaled Range

Order 3

Effect on J. occ.

Rescaled Range

Order 4

Effect on J. occ.

Rescaled Range

Order 5

Effect on J. occ.

Rescaled Range

Order 8

Effect on J. occ.

Rescaled Range

Order 10

Effect on J. occ.

Rescaled Range

Order 15

Effect on J. occ.

Rescaled Range

SeedSize
FlowerSize
LA
P.dist
E.rate

Order 2

Predicted J.occ / J. occupancy

Order 3

Predicted J.occ / J. occupancy

Order 4

Predicted J.occ / J. occupancy

Order 5

Predicted J.occ / J. occupancy

Order 8

Predicted J.occ / J. occupancy

Order 10

Predicted J.occ / J. occupancy

Order 15

Predicted J.occ / J. occupancy

Order 1

Frequency / Occupancy

Order 2

Frequency / J. occupancy

Order 3

Frequency / J. occupancy

Order 4

Frequency / J. occupancy

Order 5

Frequency / J. occupancy

Order 8

Frequency / J. occupancy

Order 10

Frequency / J. occupancy

Order 15

Frequency / J. occupancy

(a) **Effect of predictors on J. occ**

Variance explained (r^2)

Joint occupancy order

- Rsquared_gf
- Rsquared_cv

(b) **Model performance**

mp = 99.7 %

Rsquared_gf

Rsquared_cv

SeedSize

Cluster Dendrogram

Phylogenetic distance