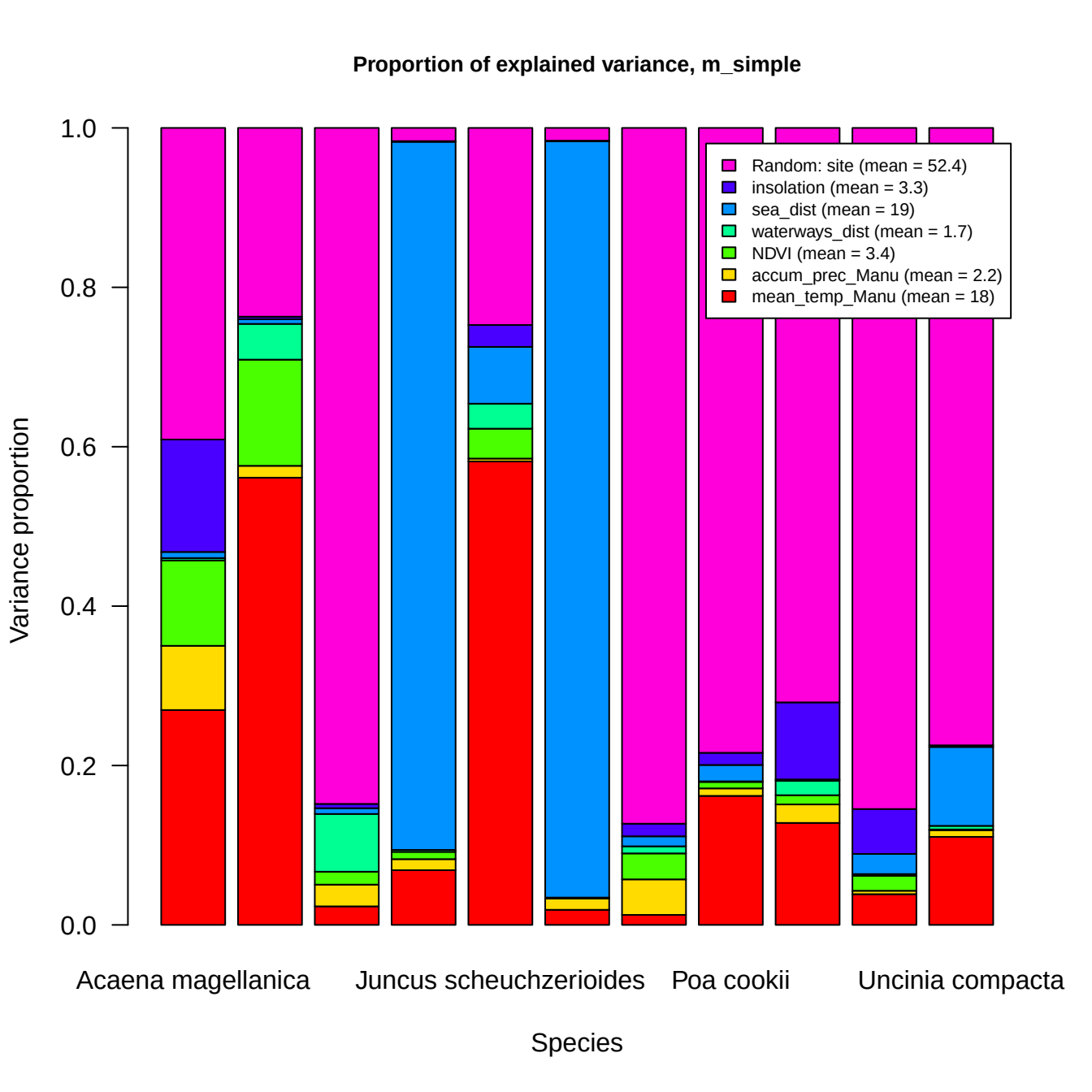
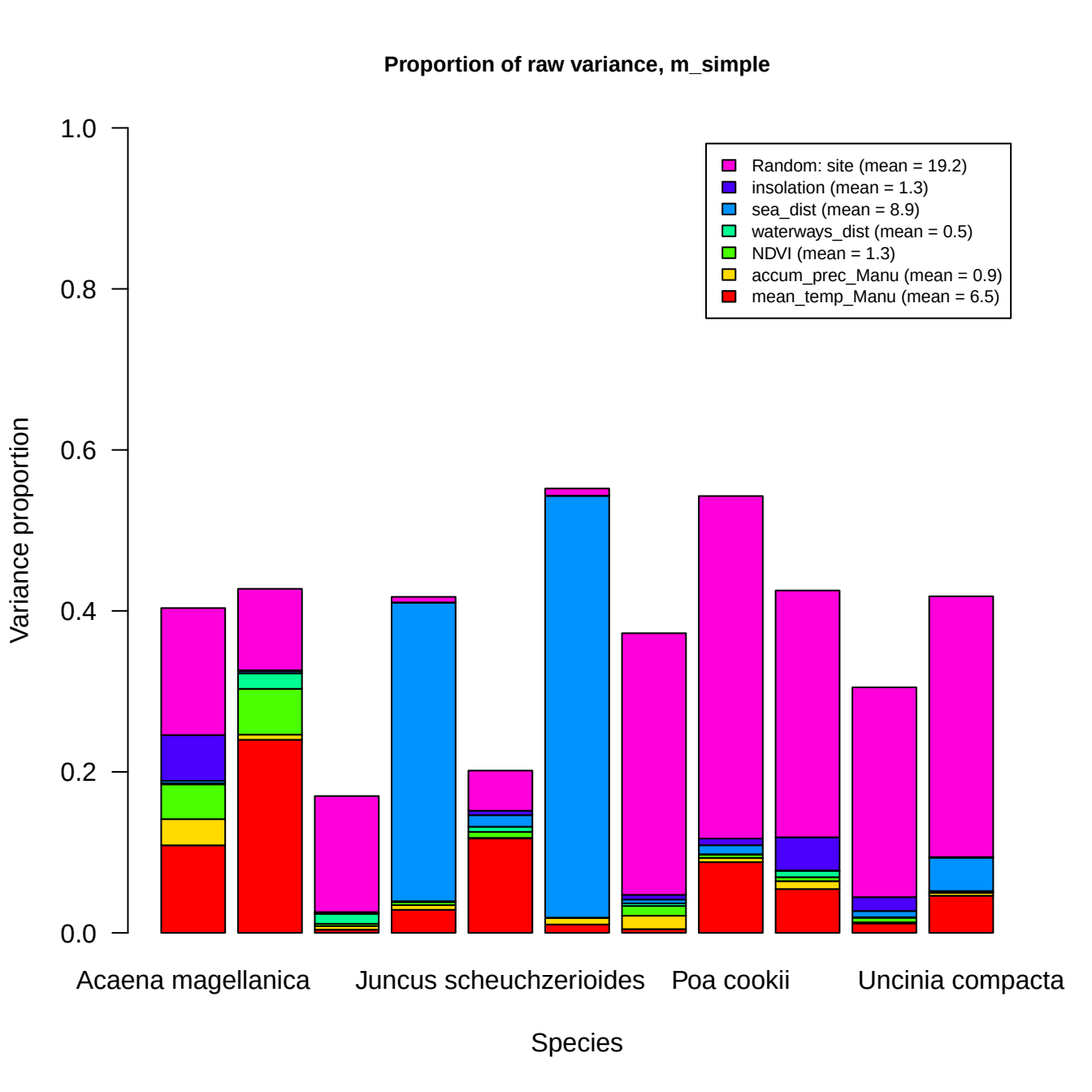
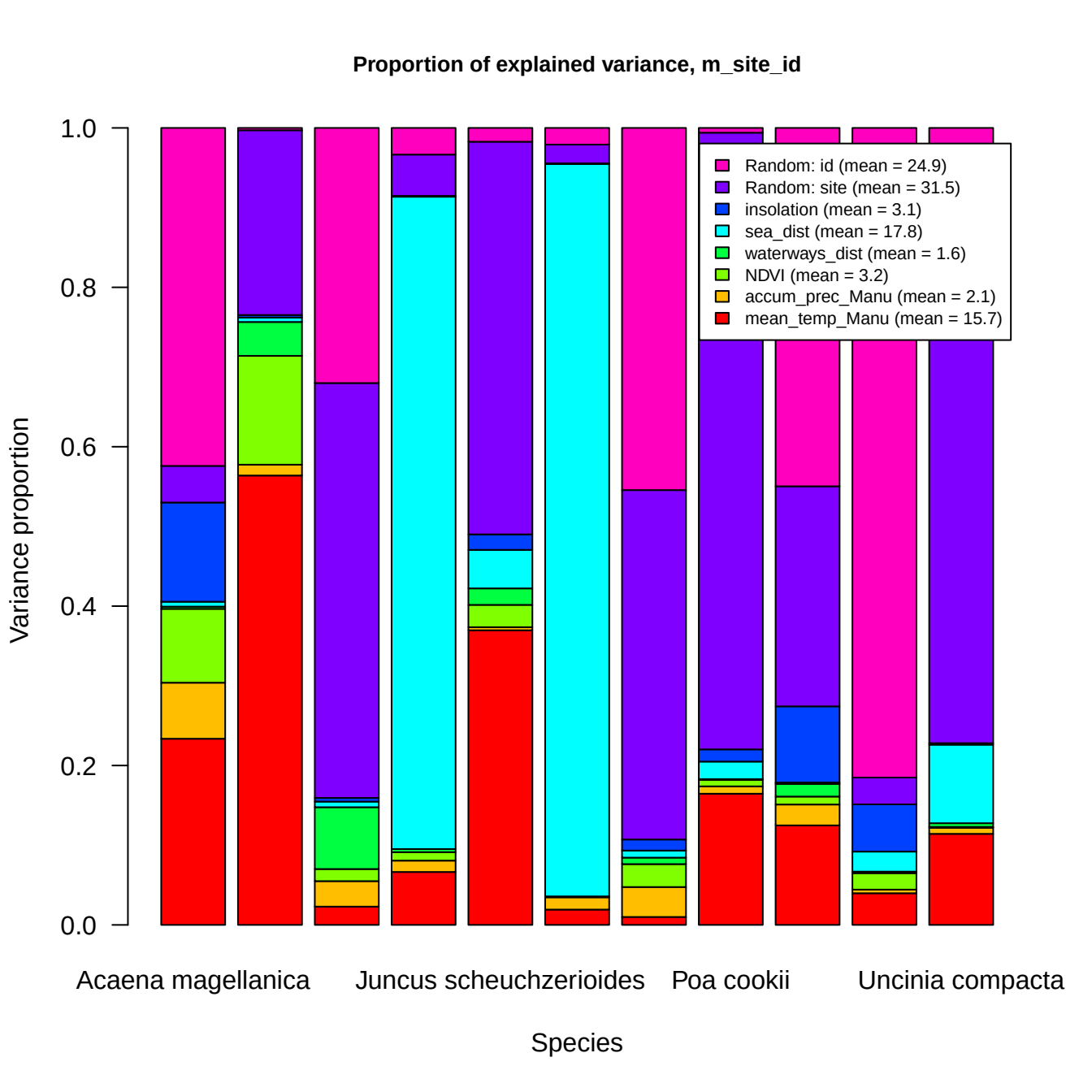
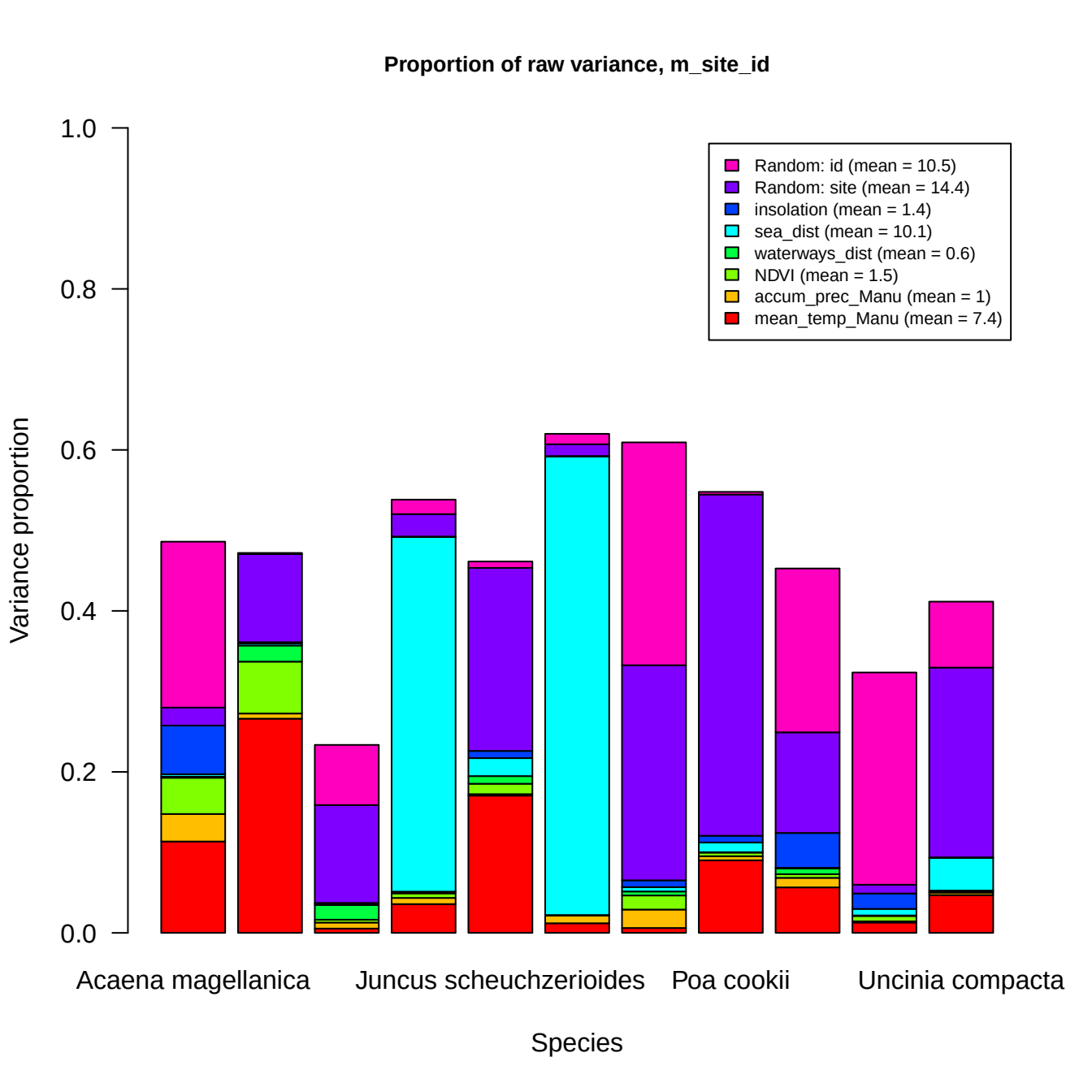
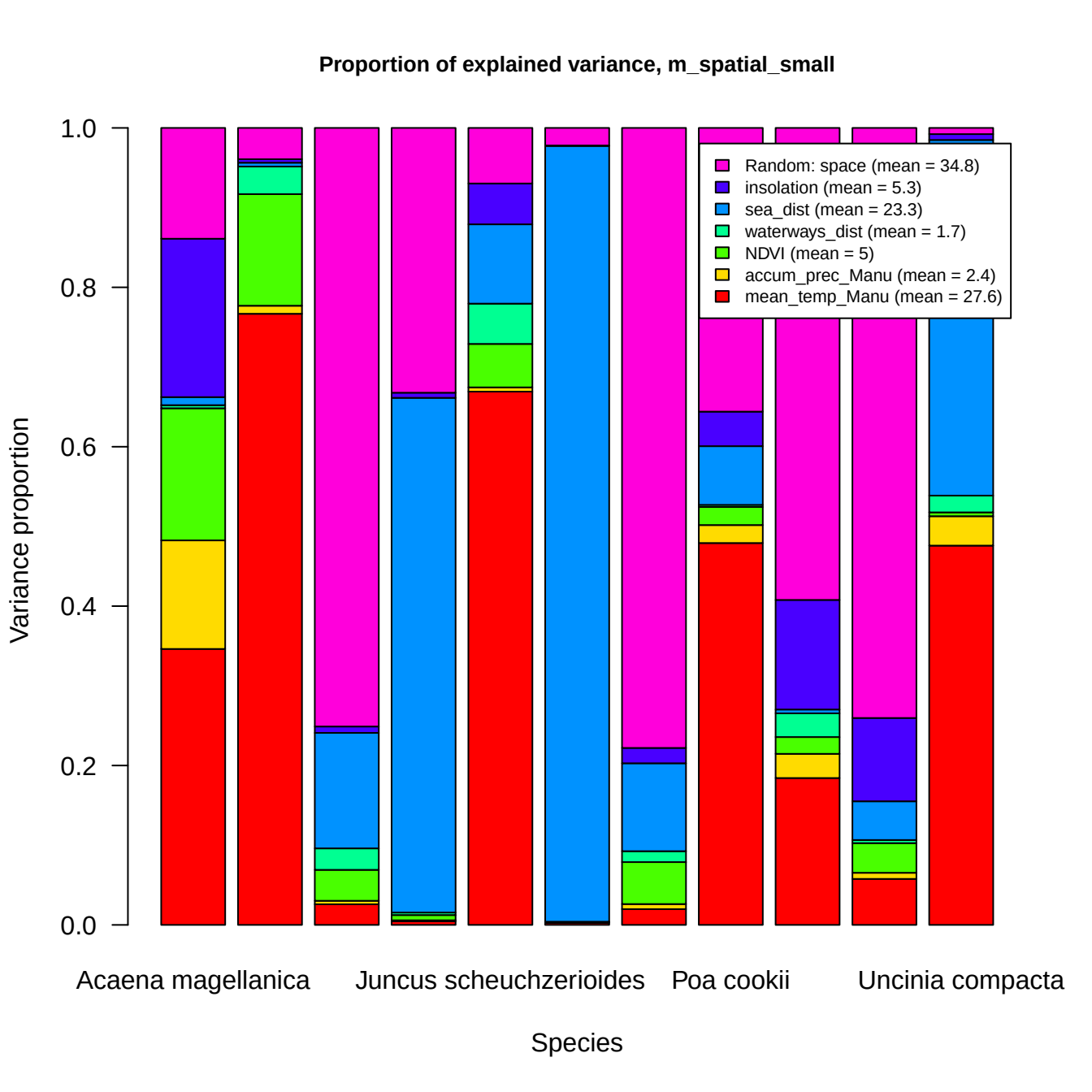
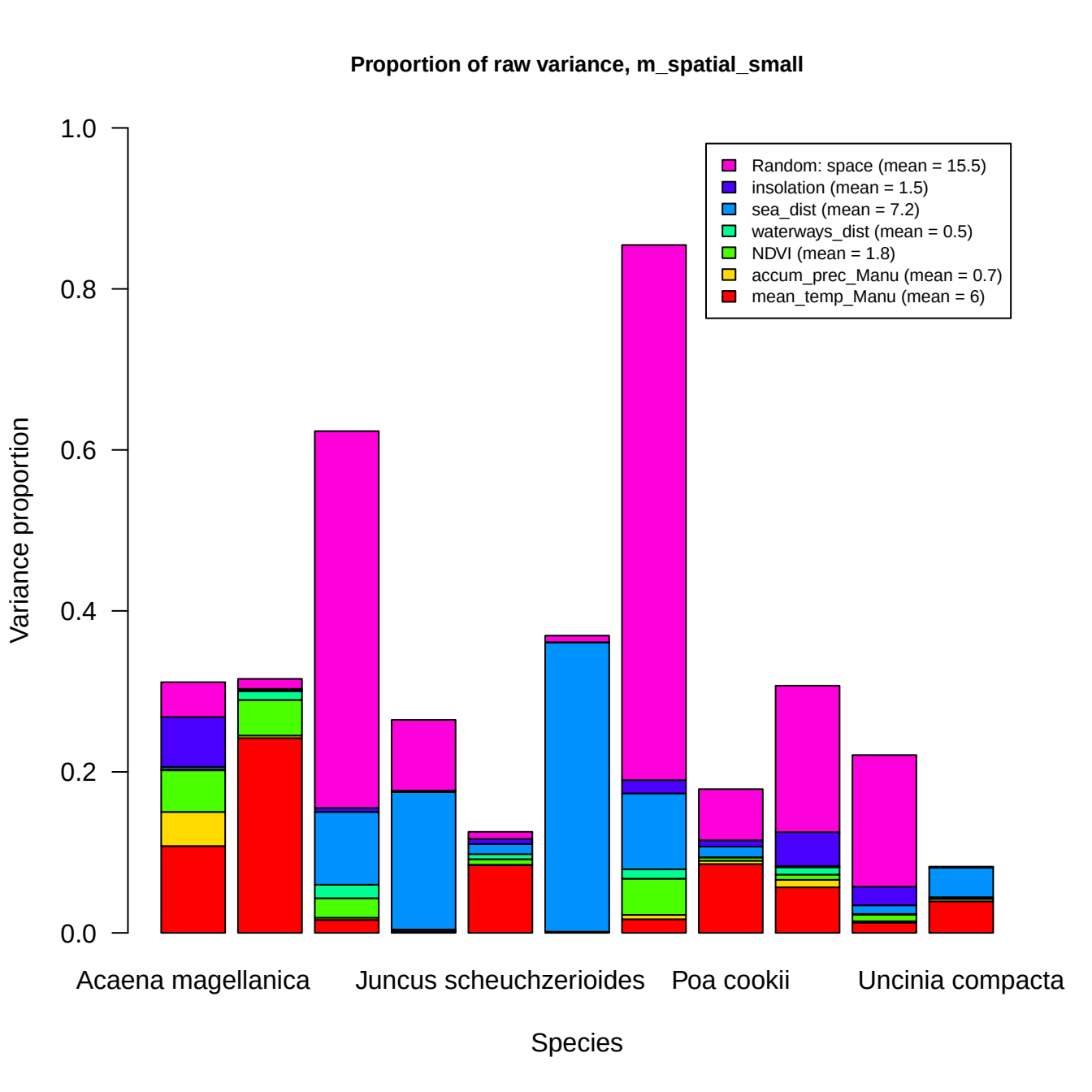

Proportion of explained variance, m_simple
Random: site (mean = 52.4)
insolation (mean = 3.3)
sea_dist (mean = 19)
waterways_dist (mean = 1.7)
NDVI (mean = 3.4)
accum_prec_Manu (mean = 2.2)
mean_temp_Manu (mean = 18)
Variance proportion
1.0
0.8
0.6
0.4
0.2
0.0
Acaena magellanica
Juncus scheuchzerioides
Poa cookii
Uncinia compacta
Species

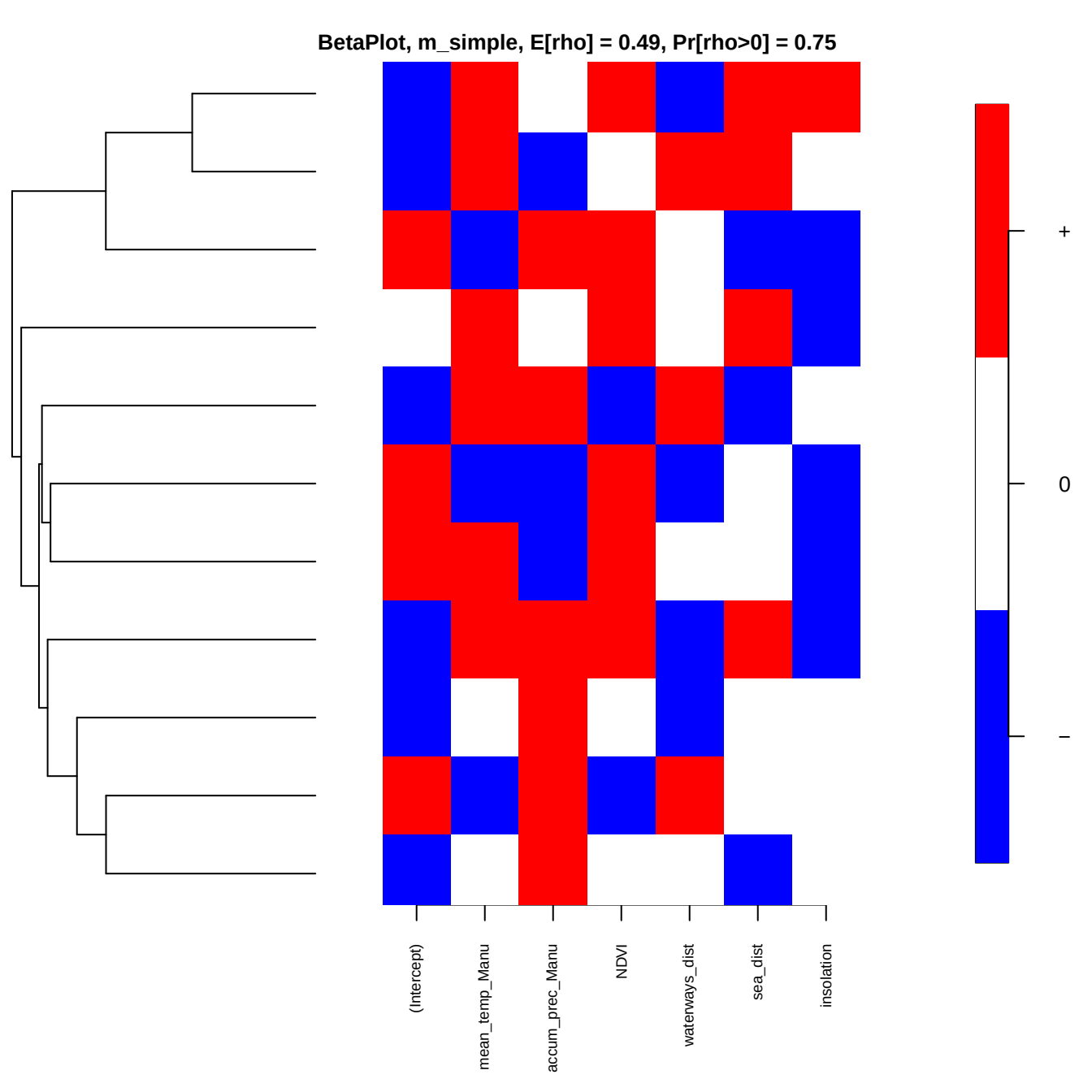

Proportion of raw variance, m_simple
Random: site (mean = 19.2)
insolation (mean = 1.3)
sea_dist (mean = 8.9)
waterways_dist (mean = 0.5)
NDVI (mean = 1.3)
accum_prec_Manu (mean = 0.9)
mean_temp_Manu (mean = 6.5)
Variance proportion
1.0
0.8
0.6
0.4
0.2
0.0
Acaena magellanica
Juncus scheuchzerioides
Poa cookii
Uncinia compacta
Species

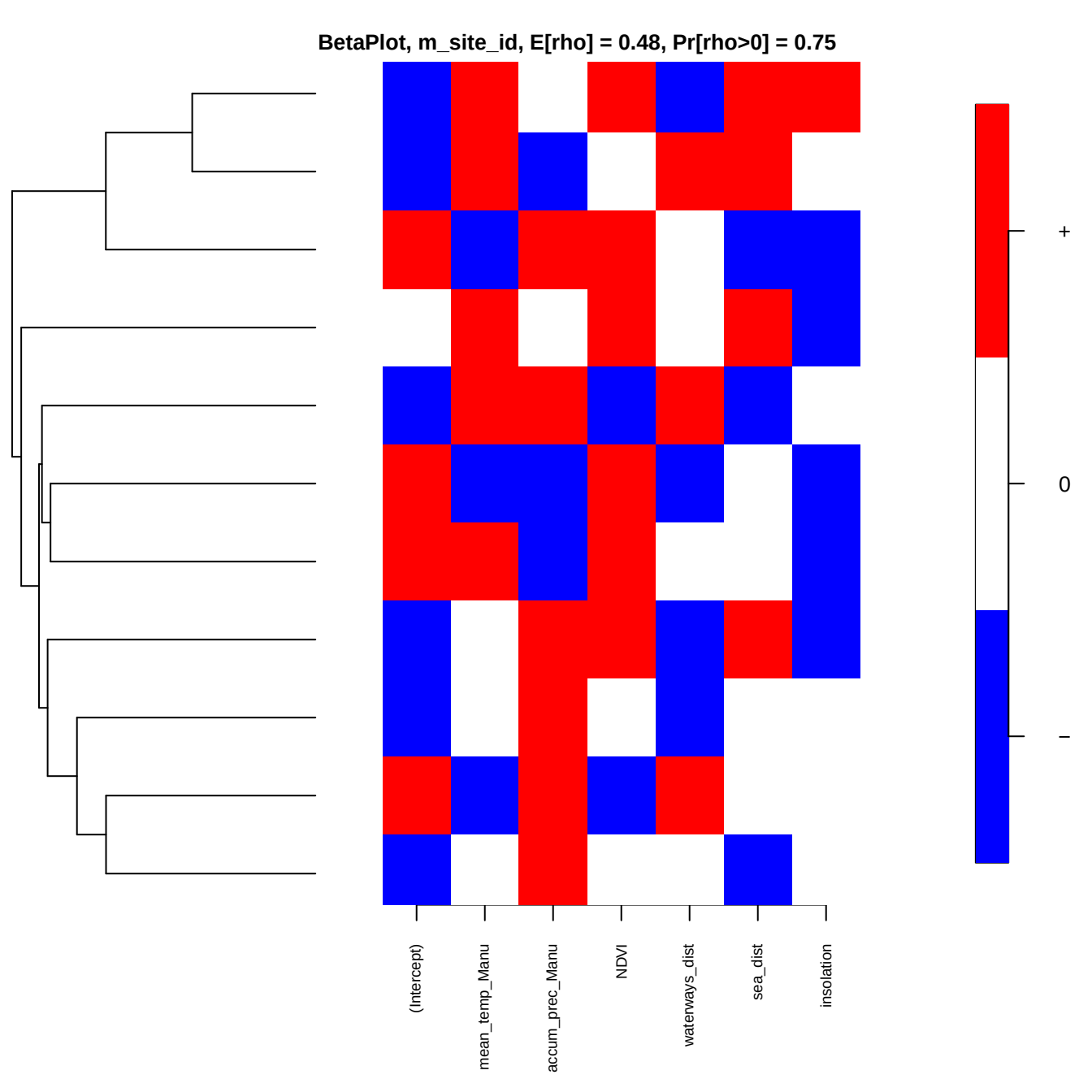

Proportion of explained variance, m_site_id
Random: id (mean = 24.9)
Random: site (mean = 31.5)
insolation (mean = 3.1)
sea_dist (mean = 17.8)
waterways_dist (mean = 1.6)
NDVI (mean = 3.2)
accum_prec_Manu (mean = 2.1)
mean_temp_Manu (mean = 15.7)
Variance proportion
1.0
0.8
0.6
0.4
0.2
0.0
Acaena magellanica
Juncus scheuchzerioides
Poa cookii
Uncinia compacta
Species

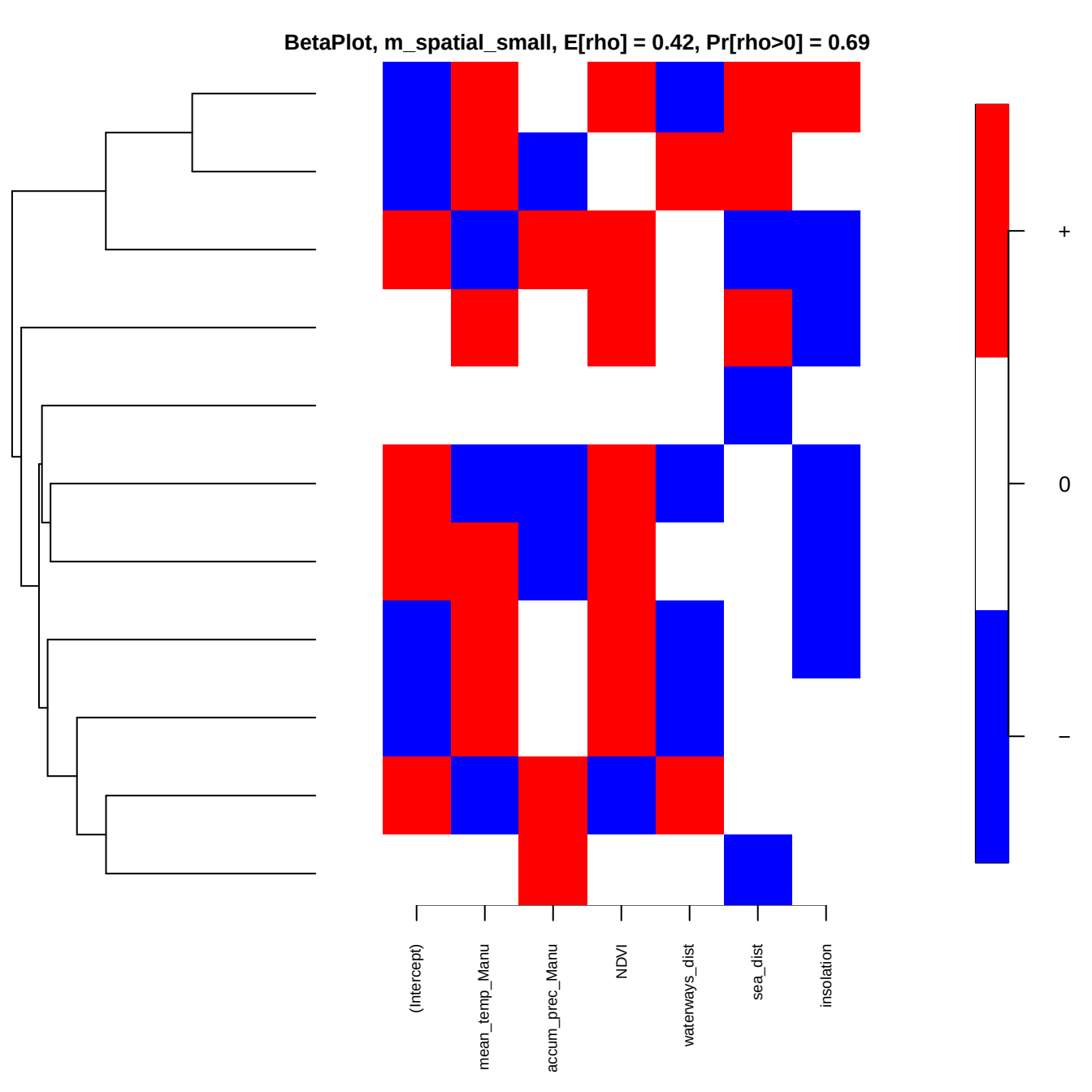

Proportion of raw variance, m_site_id
Random: id (mean = 10.5)
Random: site (mean = 14.4)
insolation (mean = 1.4)
sea_dist (mean = 10.1)
waterways_dist (mean = 0.6)
NDVI (mean = 1.5)
accum_prec_Manu (mean = 1)
mean_temp_Manu (mean = 7.4)
Variance proportion
1.0
0.8
0.6
0.4
0.2
0.0
Acaena magellanica
Juncus scheuchzerioides
Poa cookii
Uncinia compacta
Species

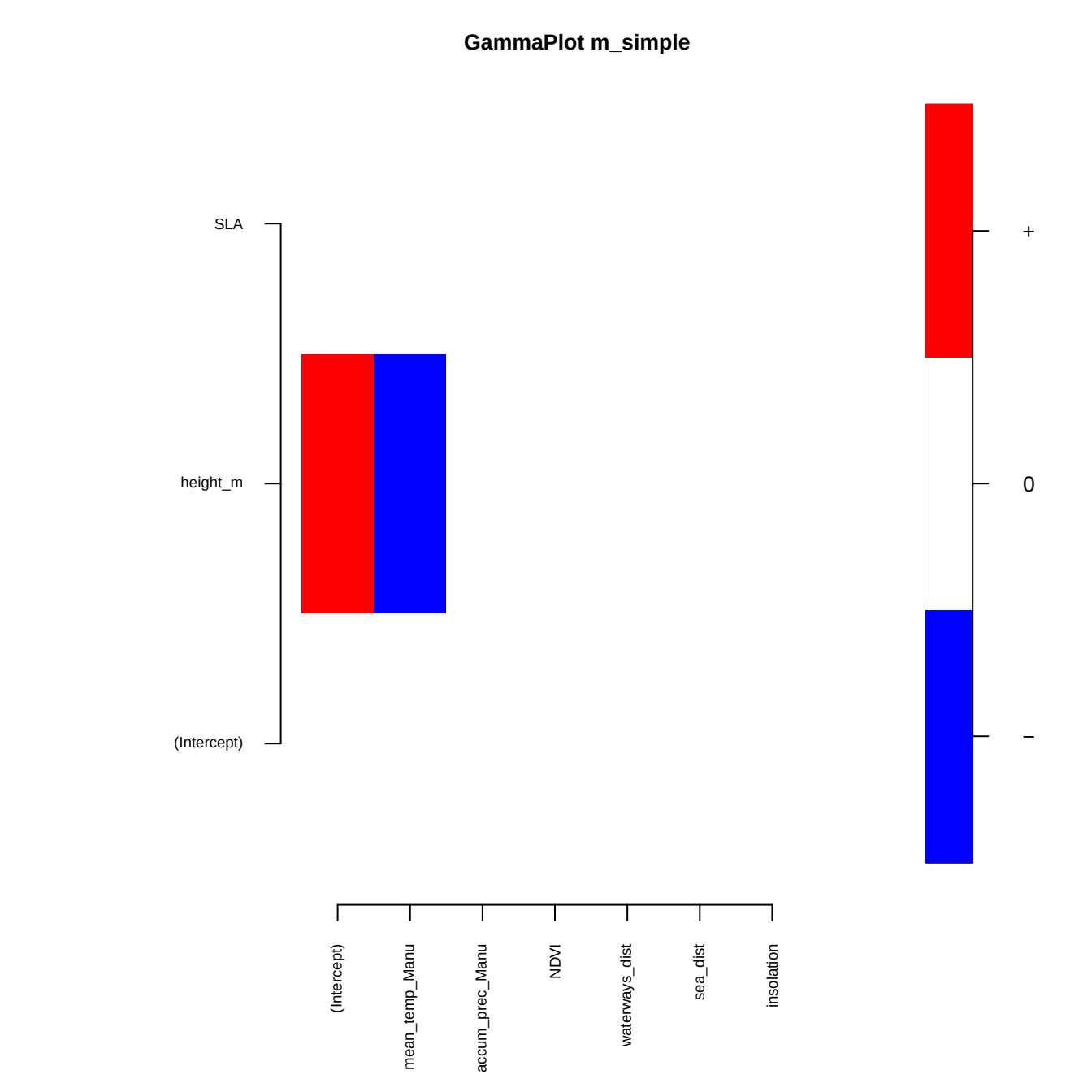

Proportion of explained variance, m_spatial_small
Random: space (mean = 34.8)
insolation (mean = 5.3)
sea_dist (mean = 23.3)
waterways_dist (mean = 1.7)
NDVI (mean = 5)
accum_prec_Manu (mean = 2.4)
mean_temp_Manu (mean = 27.6)
Variance proportion
1.0
0.8
0.6
0.4
0.2
0.0
Acaena magellanica
Juncus scheuchzerioides
Poa cookii
Uncinia compacta
Species

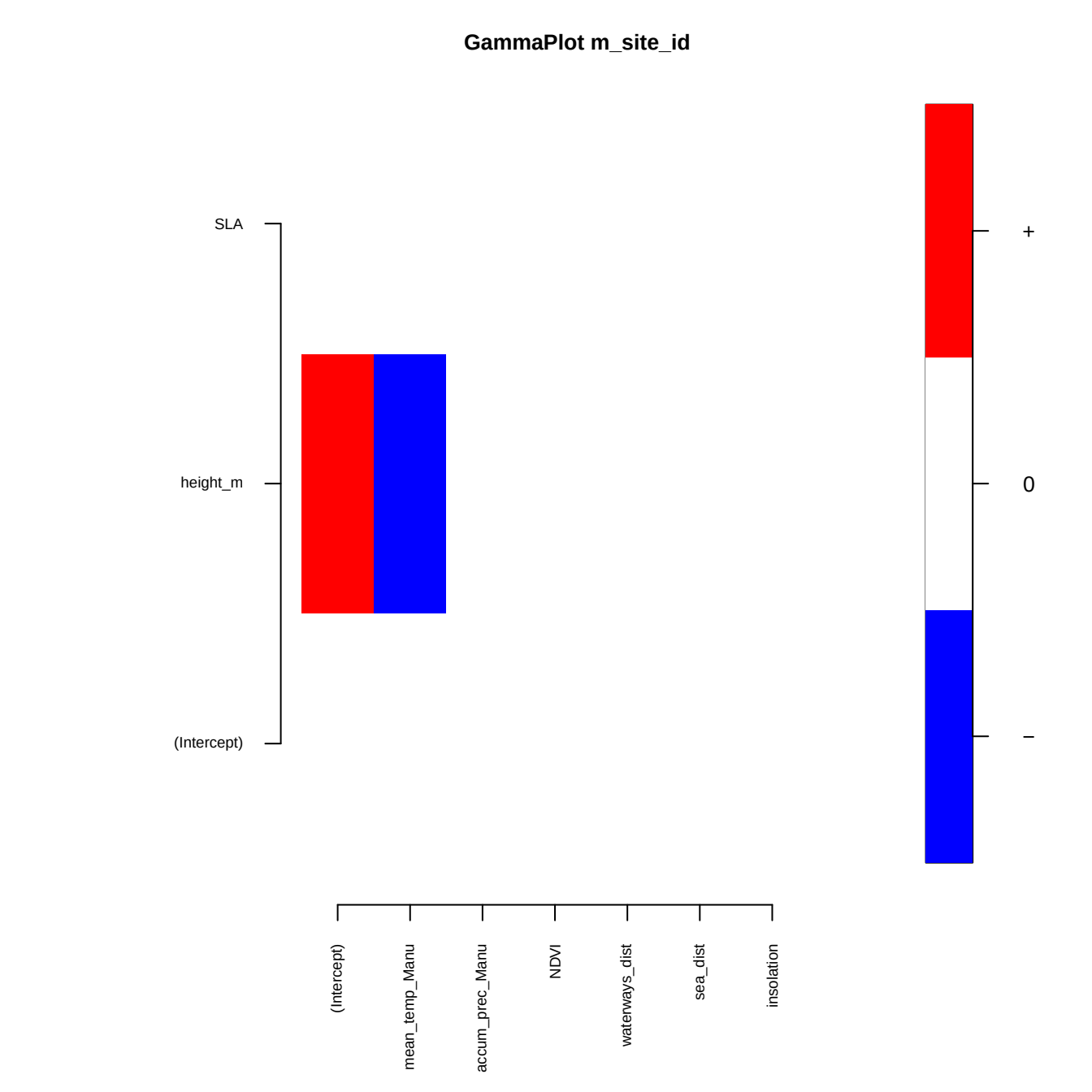

Proportion of raw variance, m_spatial_small
Random: space (mean = 15.5)
insolation (mean = 1.5)
sea_dist (mean = 7.2)
waterways_dist (mean = 0.5)
NDVI (mean = 1.8)
accum_prec_Manu (mean = 0.7)
mean_temp_Manu (mean = 6)
Variance proportion
1.0
0.8
0.6
0.4
0.2
0.0
Acaena magellanica
Juncus scheuchzerioides
Poa cookii
Uncinia compacta
Species

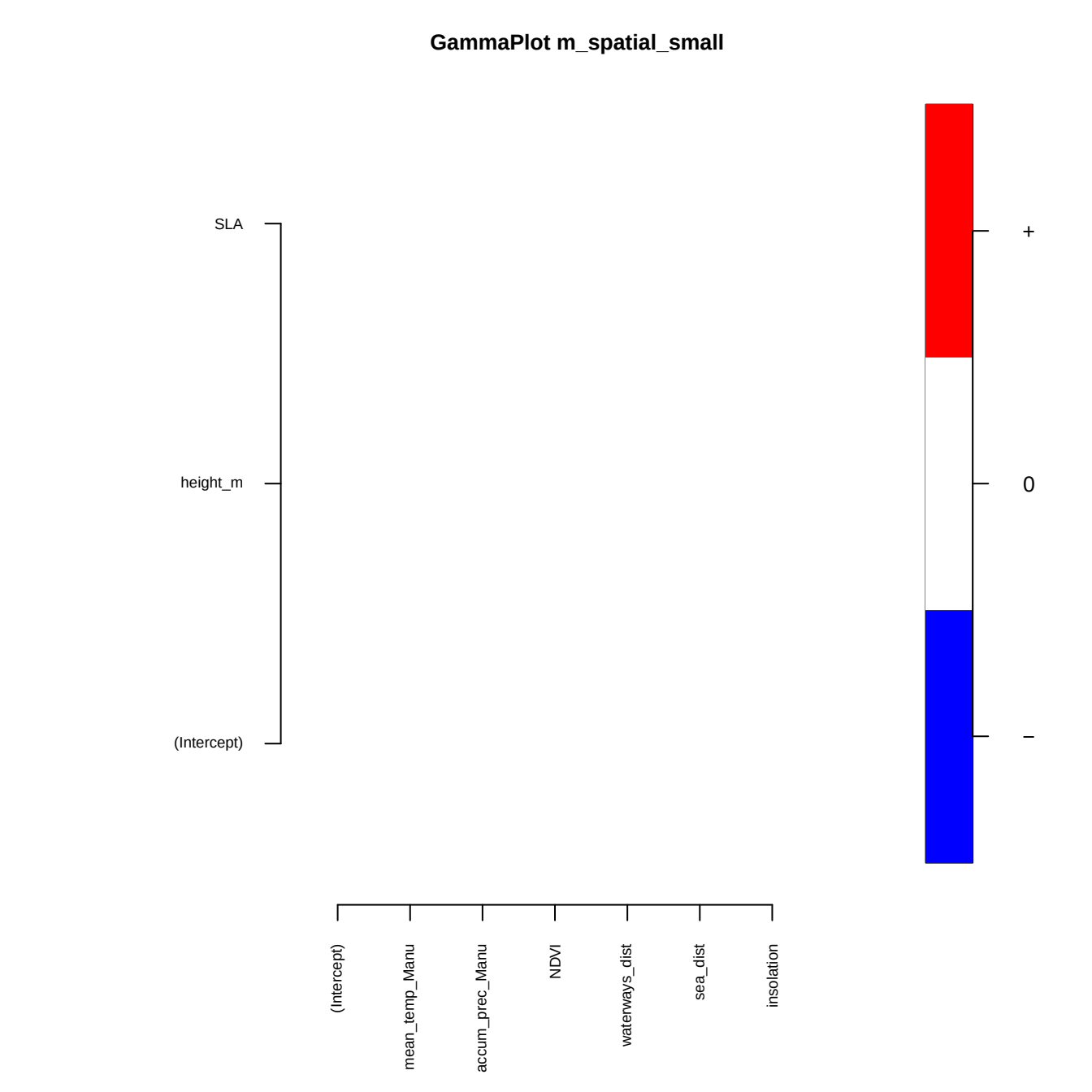

BetaPlot, m_simple, E[rho] = 0.49, Pr[rho>0] = 0.75
(Intercept)
mean_temp_Manu
accum_prec_Manu
NDVI
waterways_dist
sea_dist
insolation
+
0
–

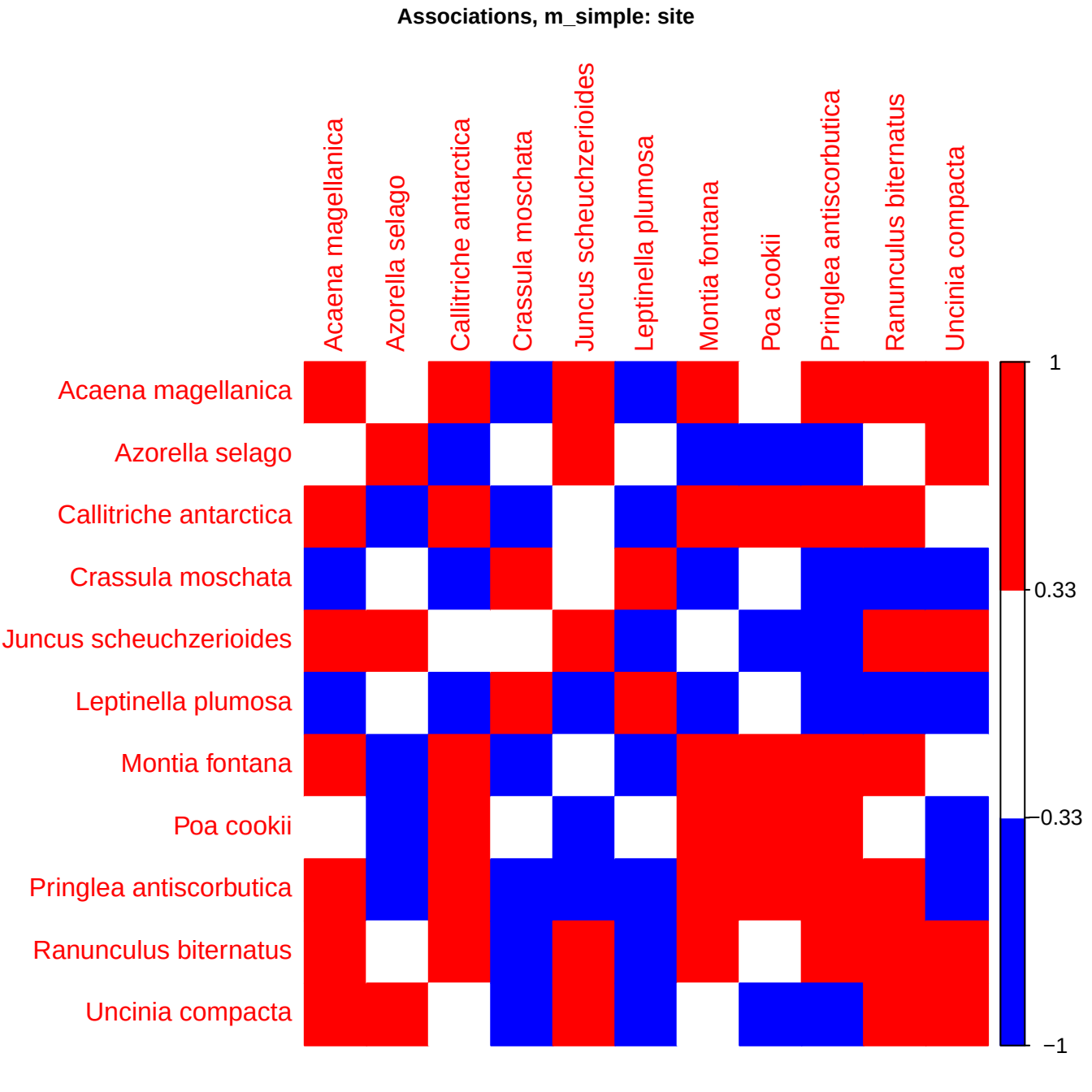

BetaPlot, m_site_id, E[rho] = 0.48, Pr[rho>0] = 0.75
(Intercept)
mean_temp_Manu
accum_prec_Manu
NDVI
waterways_dist
sea_dist
insolation
+
0
–

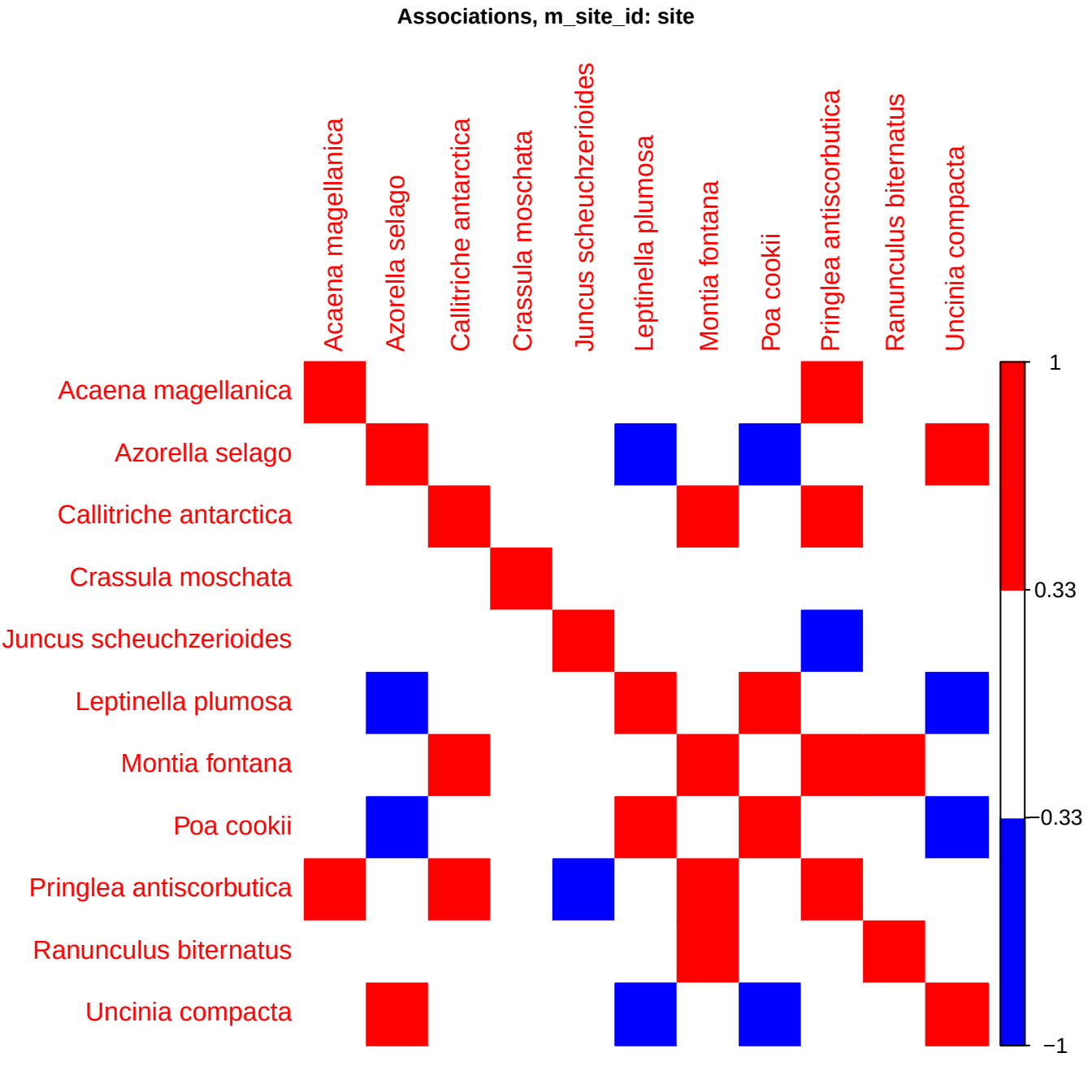

BetaPlot, m_spatial_small, E[rho] = 0.42, Pr[rho>0] = 0.69
(Intercept)
mean_temp_Manu
accum_prec_Manu
NDVI
waterways_dist
sea_dist
insolation
+
0
–

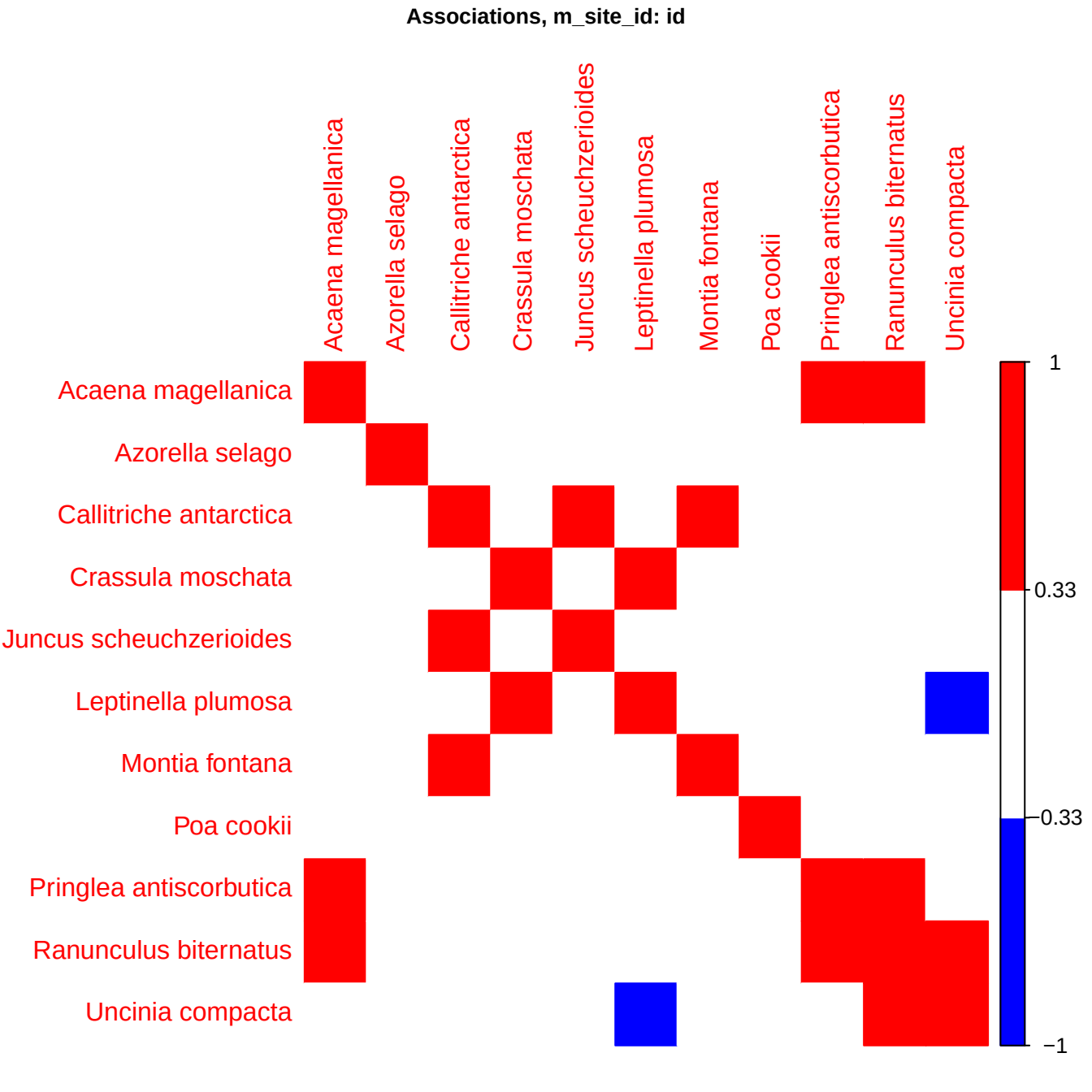

GammaPlot m_simple
SLA
height_m
(Intercept)
+
0
−
(Intercept)
mean_temp_Manu
accum_prec_Manu
NDVI
waterways_dist
sea_dist
insolation

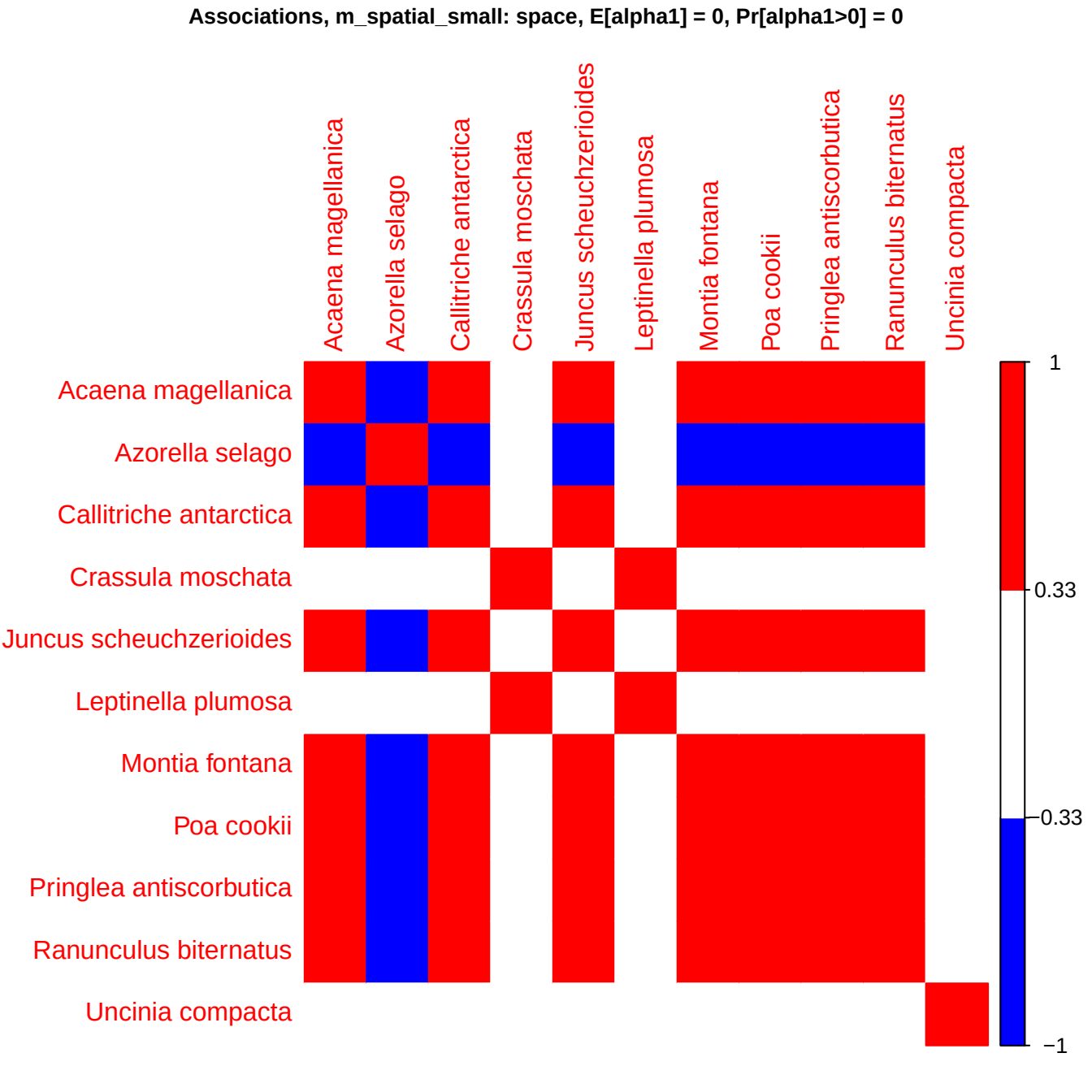

GammaPlot m_site_id
SLA
height_m
(Intercept)
+
0
−
(Intercept)
mean_temp_Manu
accum_prec_Manu
NDVI
waterways_dist
sea_dist
insolation


GammaPlot m_spatial_small
SLA
height_m
(Intercept)
+
0
−
(Intercept)
mean_temp_Manu
accum_prec_Manu
NDVI
waterways_dist
sea_dist
insolation


Associations, m_simple: site
Acaena magellanica
Azorella selago
Callitriche antarctica
Crassula moschata
Juncus scheuchzerioides
Leptinella plumosa
Montia fontana
Poa cookii
Pringlea antiscorbutica
Ranunculus biternatus
Uncinia compacta
1
0.33
−0.33
−1


Associations, m_site_id: site
Acaena magellanica
Azorella selago
Callitriche antarctica
Crassula moschata
Juncus scheuchzerioides
Leptinella plumosa
Montia fontana
Poa cookii
Pringlea antiscorbutica
Ranunculus biternatus
Uncinia compacta
1
0.33
−0.33
−1


Associations, m_site_id: id
Acaena magellanica
Azorella selago
Callitriche antarctica
Crassula moschata
Juncus scheuchzerioides
Leptinella plumosa
Montia fontana
Poa cookii
Pringlea antiscorbutica
Ranunculus biternatus
Uncinia compacta
1
0.33
−0.33
−1


Associations, m_spatial_small: space, E[alpha1] = 0, Pr[alpha1>0] = 0
Acaena magellanica
Azorella selago
Callitriche antarctica
Crassula moschata
Juncus scheuchzerioides
Leptinella plumosa
Montia fontana
Poa cookii
Pringlea antiscorbutica
Ranunculus biternatus
Uncinia compacta
1
0.33
0.33
−1