

Appendix 2. Interspecies dissimilarity matrix used for the calculation of the proposed redundancy measures with the artificial data in Table 1.

Species	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15
S1	0	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.8	0.9	1	1
S2	0.1	0	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.8	0.9	1	1
S3	0.2	0.2	0	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.9	0.9
S4	0.2	0.2	0.1	0	0.2	0.3	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.9	0.9
S5	0.3	0.3	0.2	0.2	0	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
S6	0.4	0.4	0.3	0.3	0.2	0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.7
S7	0.4	0.4	0.3	0.3	0.2	0.1	0	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.7
S8	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0	0.1	0.2	0.3	0.4	0.5	0.6	0.6
S9	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1	0	0.2	0.3	0.4	0.5	0.6	0.6
S10	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0	0.2	0.3	0.4	0.5	0.5
S11	0.7	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0	0.2	0.3	0.4	0.4
S12	0.8	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0	0.2	0.3	0.3
S13	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0	0.2	0.2
S14	1	1	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.4	0.3	0.2	0	0.1
S15	1	1	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0