

Supplementary Material A. Information associated to the models developed for the article.

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Appendix 1

Figure A. (1) Scree plot showing that the first four components, from the analysis performed to the continuous variables have eigenvalues equal or greater than one. (2) These four components explain 90.4% of the variation in the data.

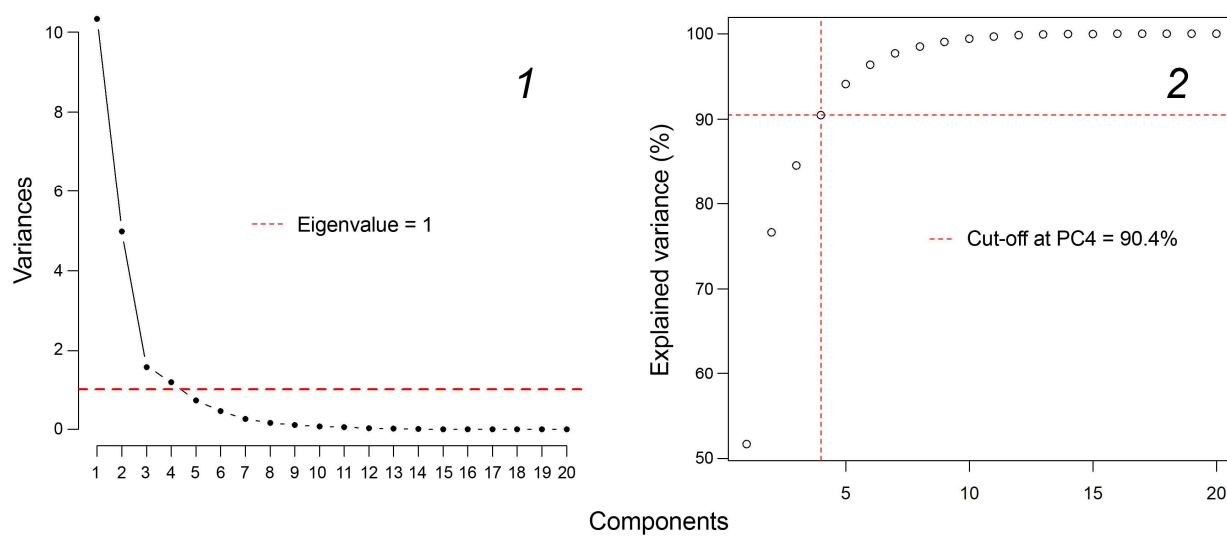


Figure B. Loading plots which graph the coefficients of each variable for: (1) the first component versus the coefficients for the second component; and (2) the third component versus the coefficients for the fourth component. Bio_1 = Annual mean temperature; Bio_2 = Mean diurnal range; Bio_3 = Isothermality; Bio_4 = Temperature seasonality; Bio_5 = Max temperature of warmest month; Bio_6 = Min temperature of coldest month; Bio_7 = Temperature annual range; Bio_8 = Mean temperature of wettest quarter; Bio_9 = Mean temperature of driest quarter; Bio_10 = Mean temperature of warmest quarter; Bio_11 = Mean temperature of coldest quarter; Bio_12 = Annual precipitation; Bio_13 = Precipitation of wettest month; Bio_14 = Precipitation of driest month; Bio_15 = Precipitation seasonality; Bio_16 = Precipitation of wettest quarter; Bio_17 = Precipitation of driest quarter; Bio_18 = Precipitation of warmest quarter; Bio_19 = Precipitation of coldest quarter; alt = elevation.

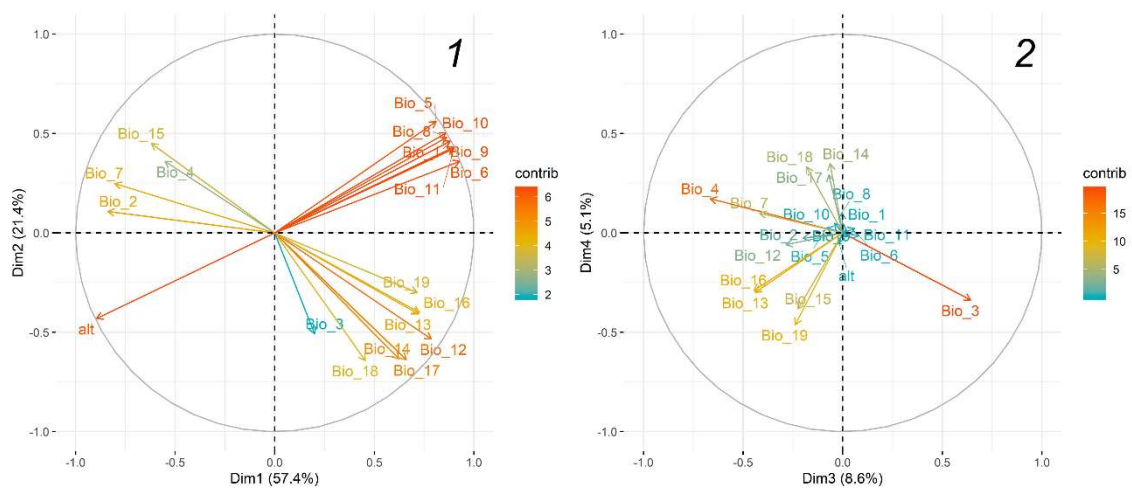


Figure C.a. Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities. Blue dots correspond to the whole database (including all the records available), and yellow ones correspond to the filtered database (occurrences closer than 25 km removed). (PCA) Principal components resulting from the analysis of the bioclimatic plus elevation covariates. (I_{all} and $I_{25\text{ km} <}$) Moran's measures of spatial autocorrelation for, respectively, the whole and the filtered databases. (D_{min}) Minimum distance, in kilometers, of the whole database. (N_{diff}) Number of localities closer than 25 km.

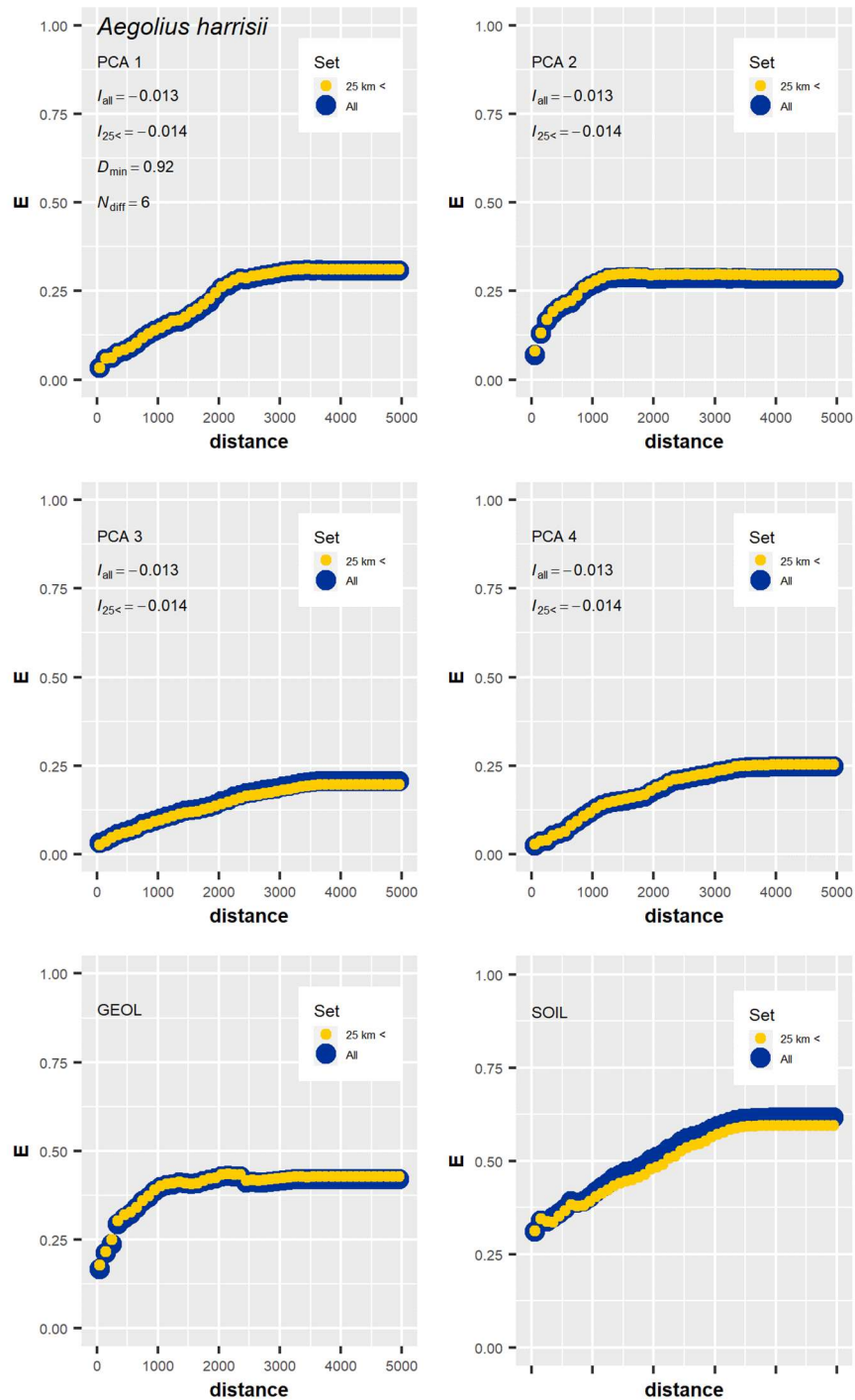


Figure C.b (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

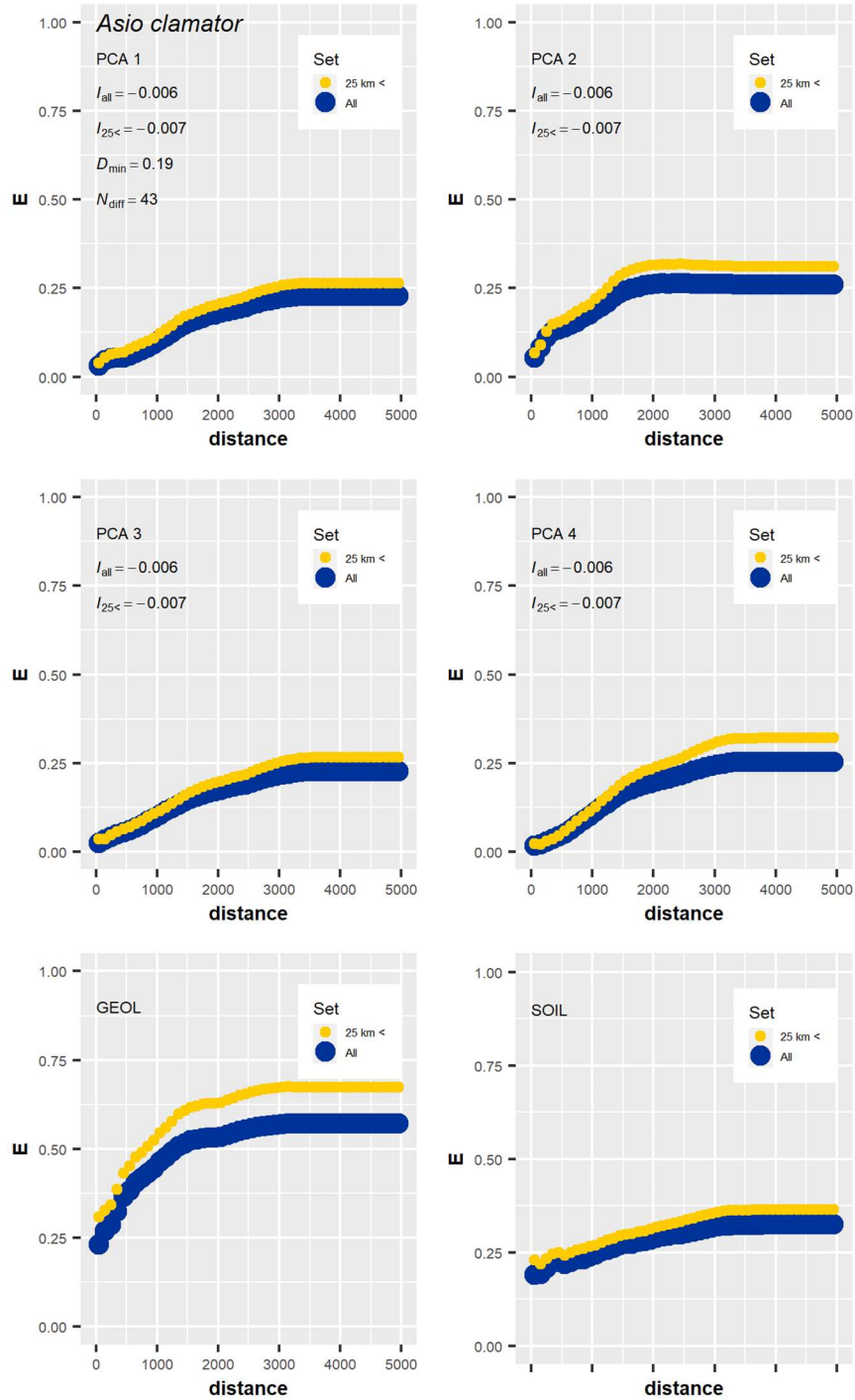


Figure C.c (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

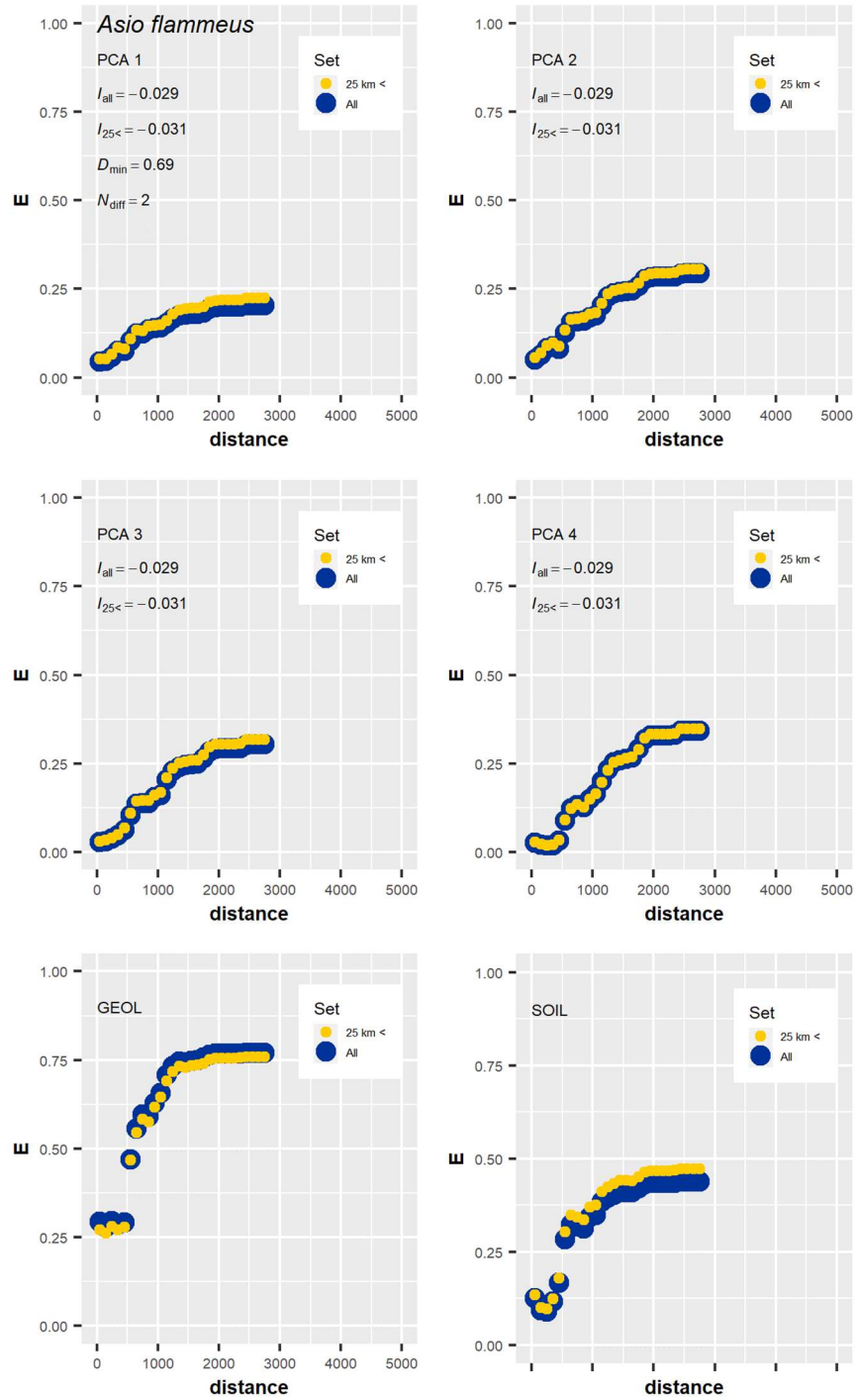


Figure C.d (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

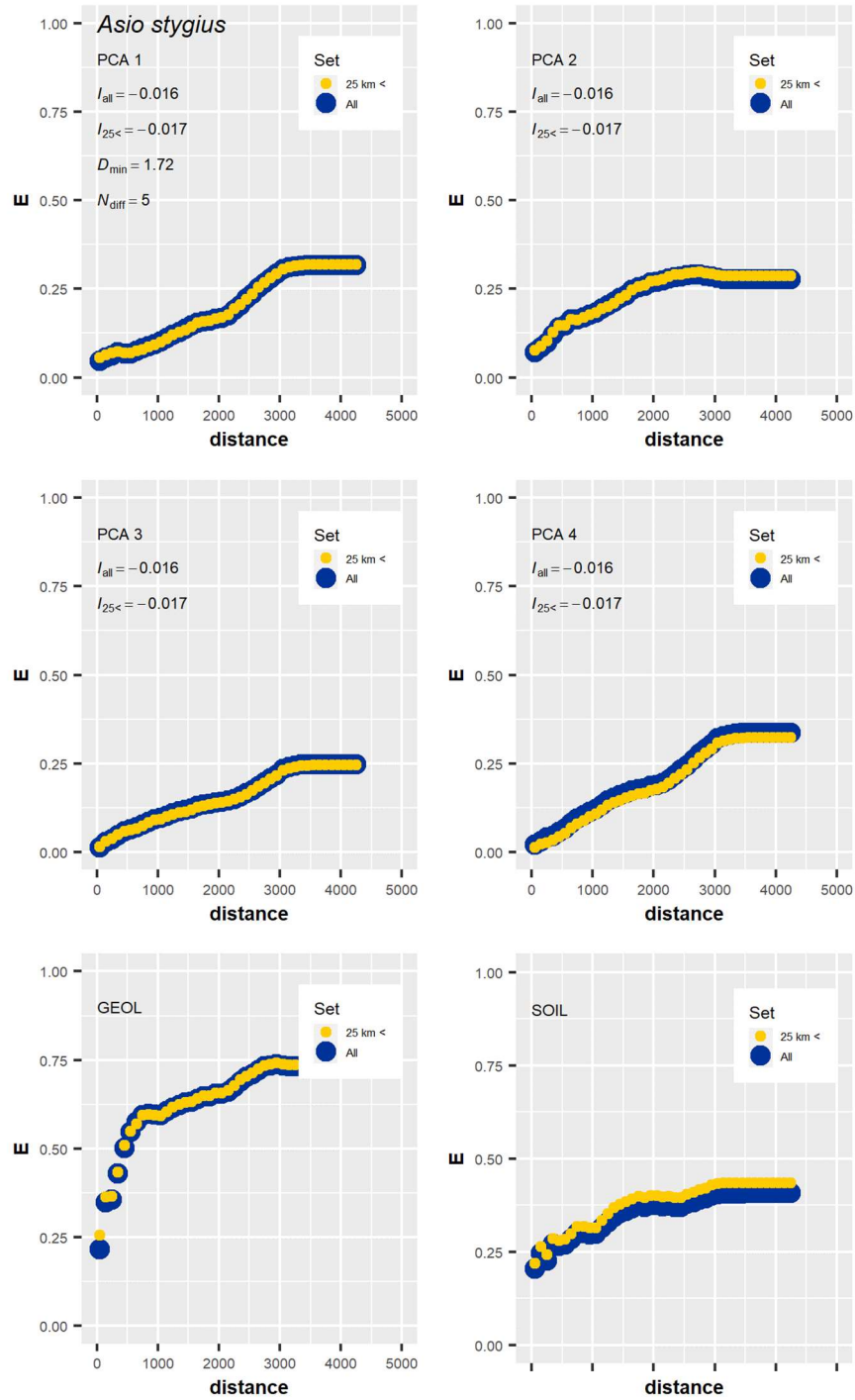


Figure C.e (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

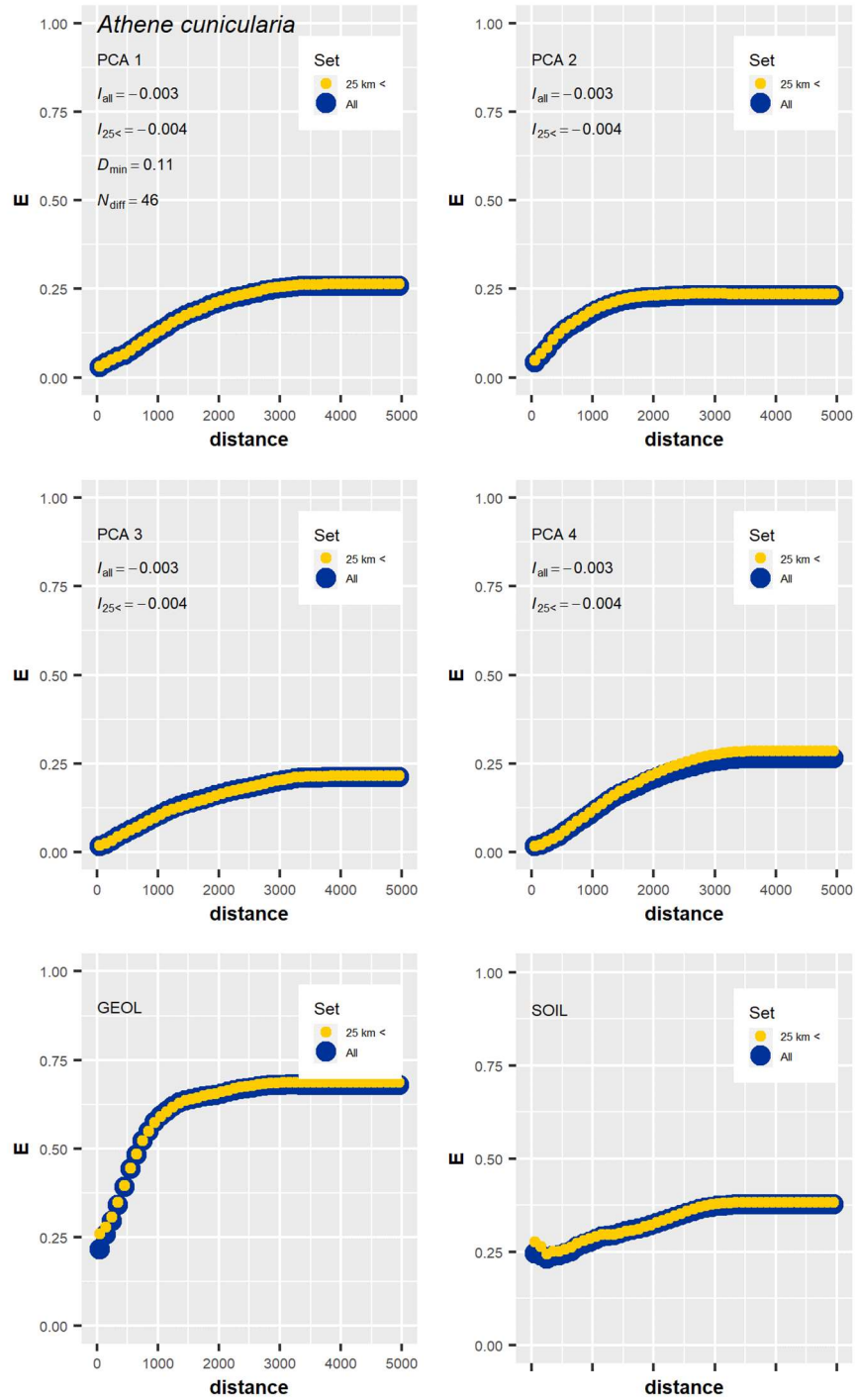


Figure C.f (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

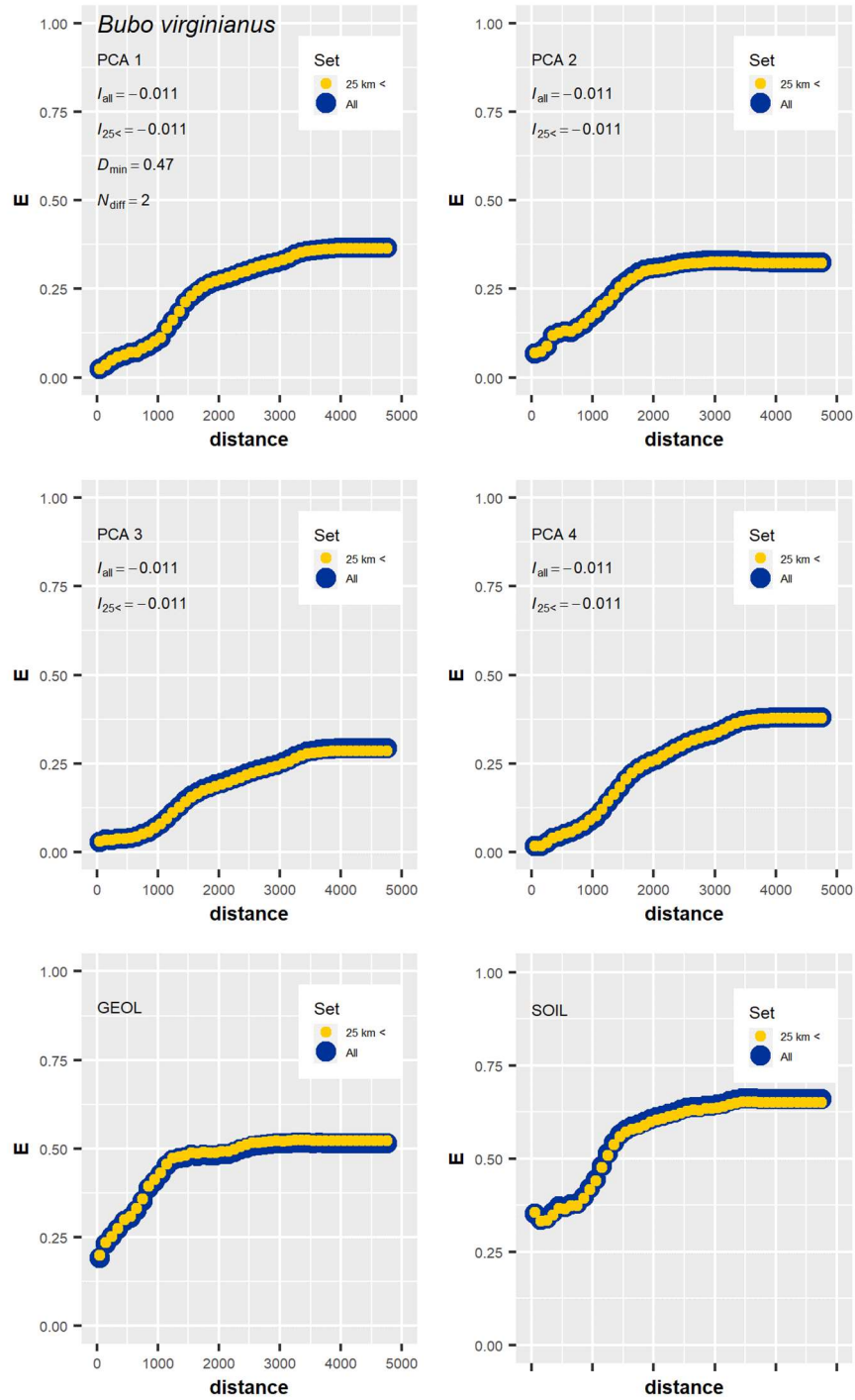


Figure C.g (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

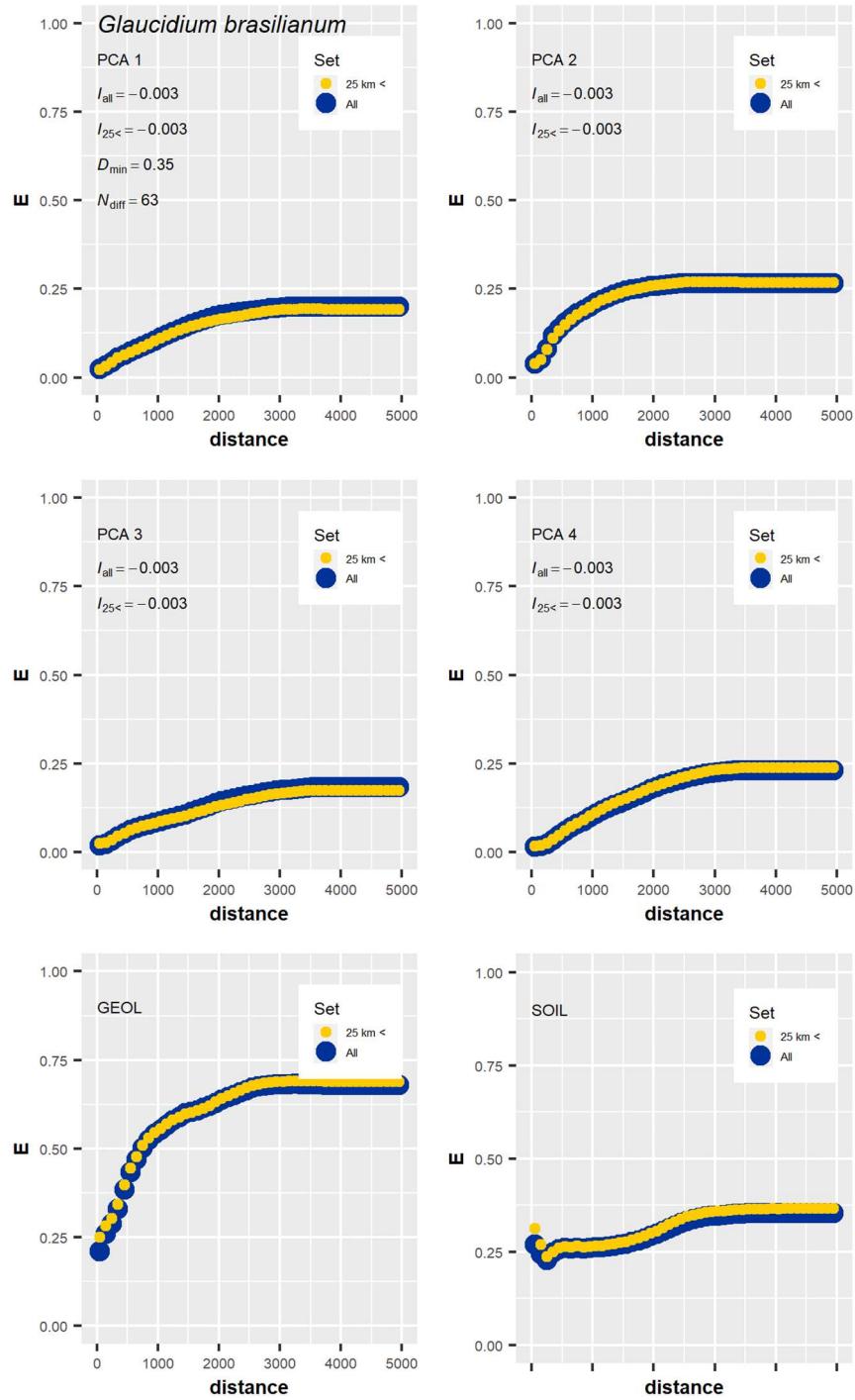


Figure C.h (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

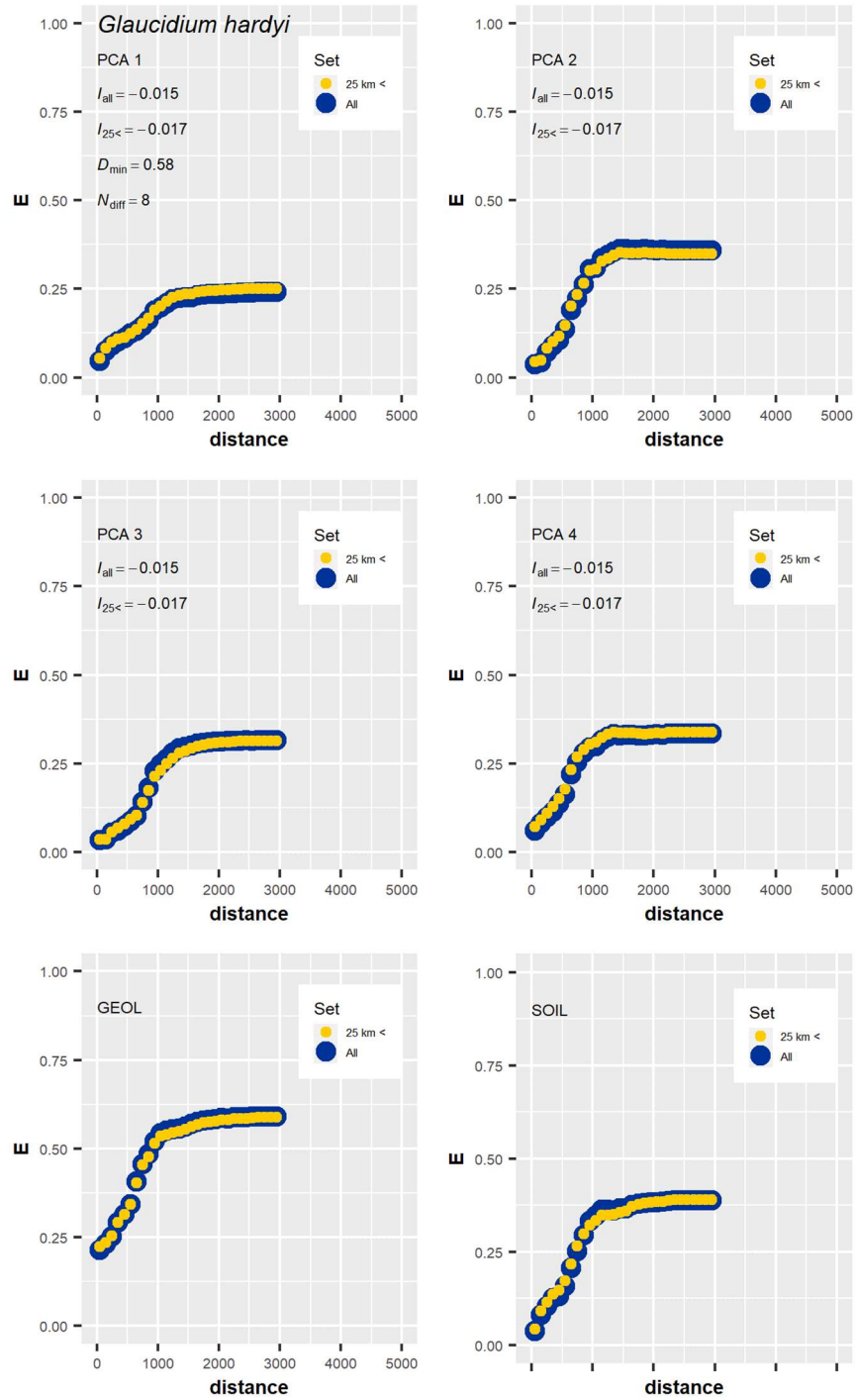


Figure C.i (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

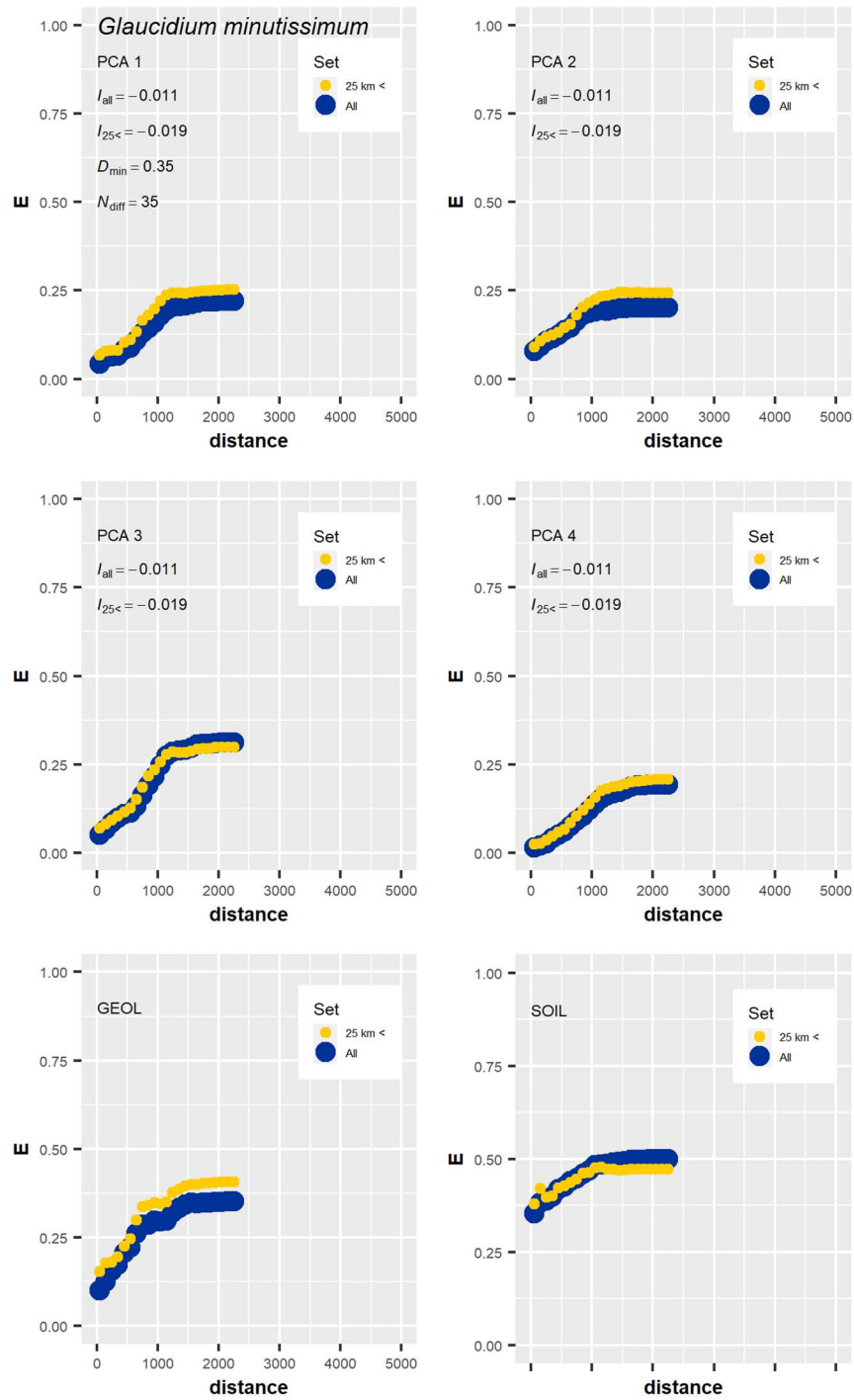


Figure C.j (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

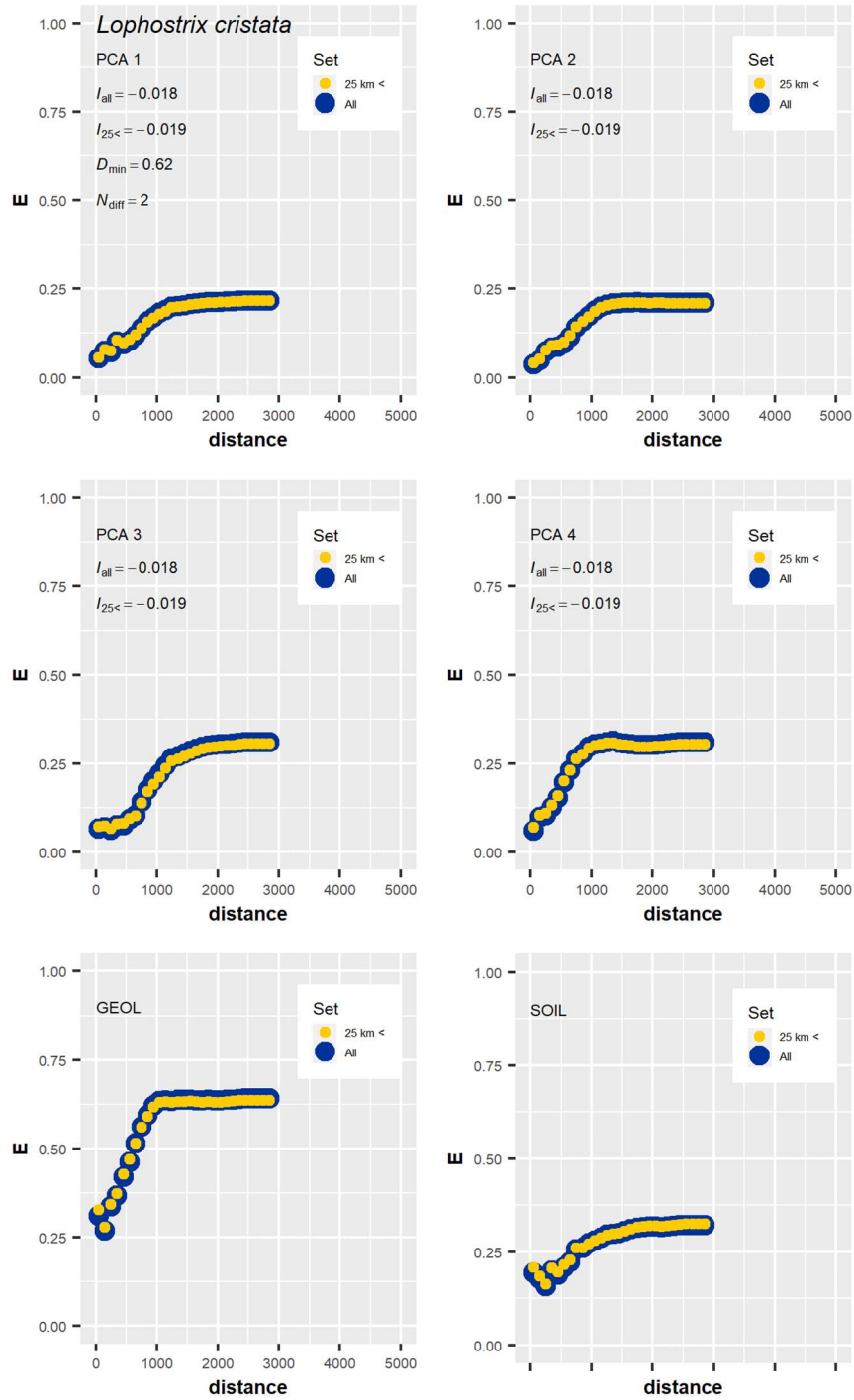


Figure C.k (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

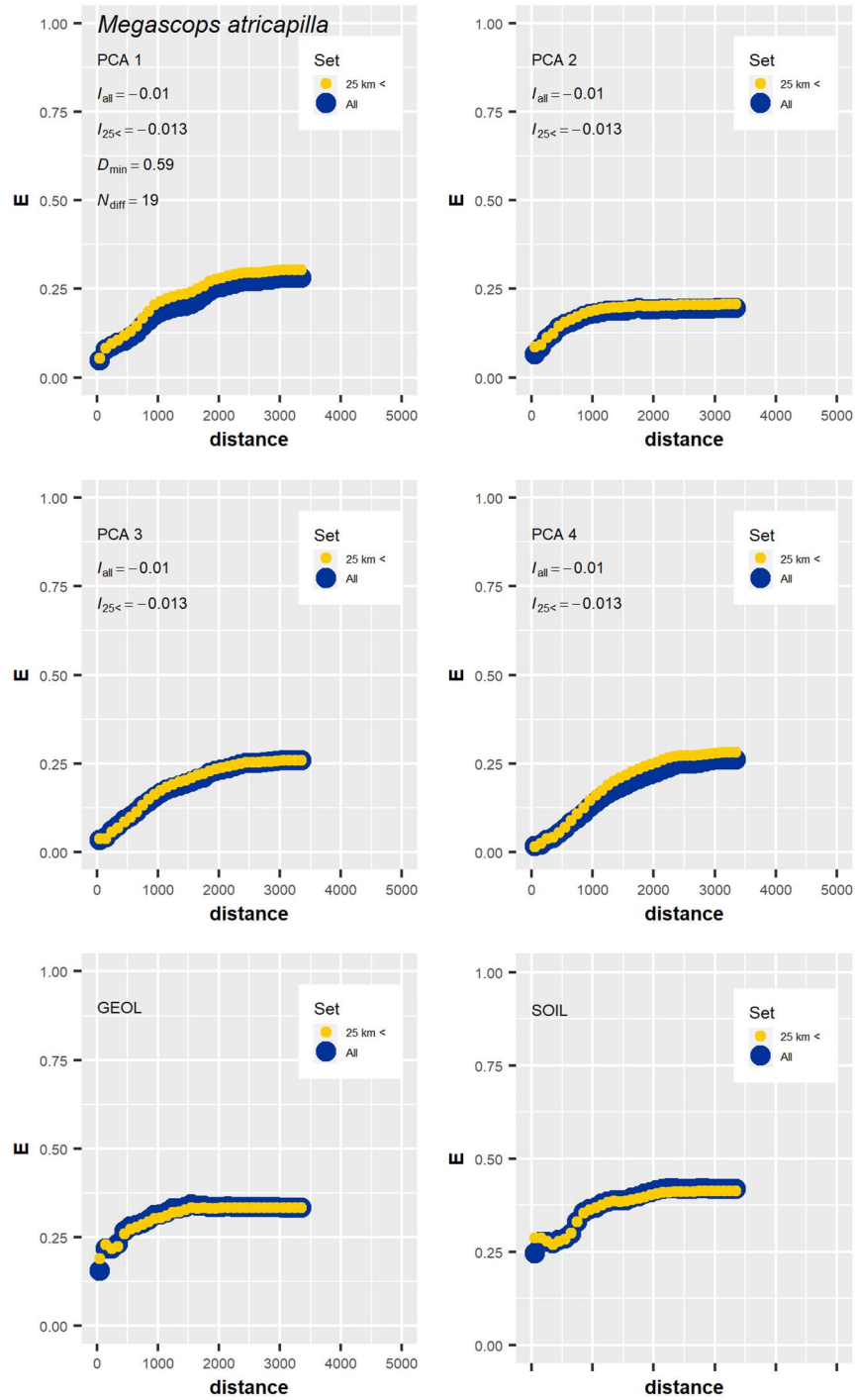


Figure C.I (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

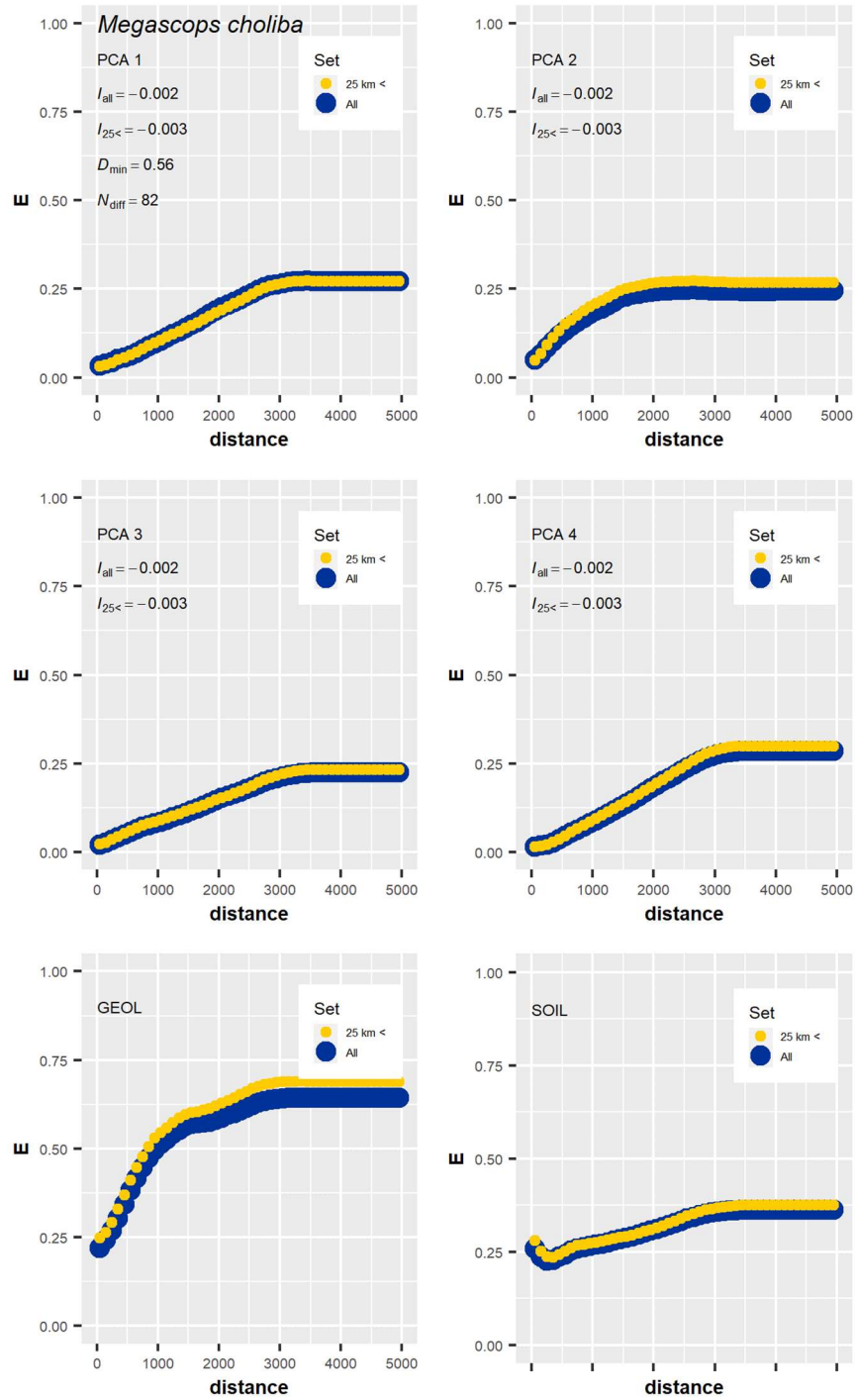


Figure C.m (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

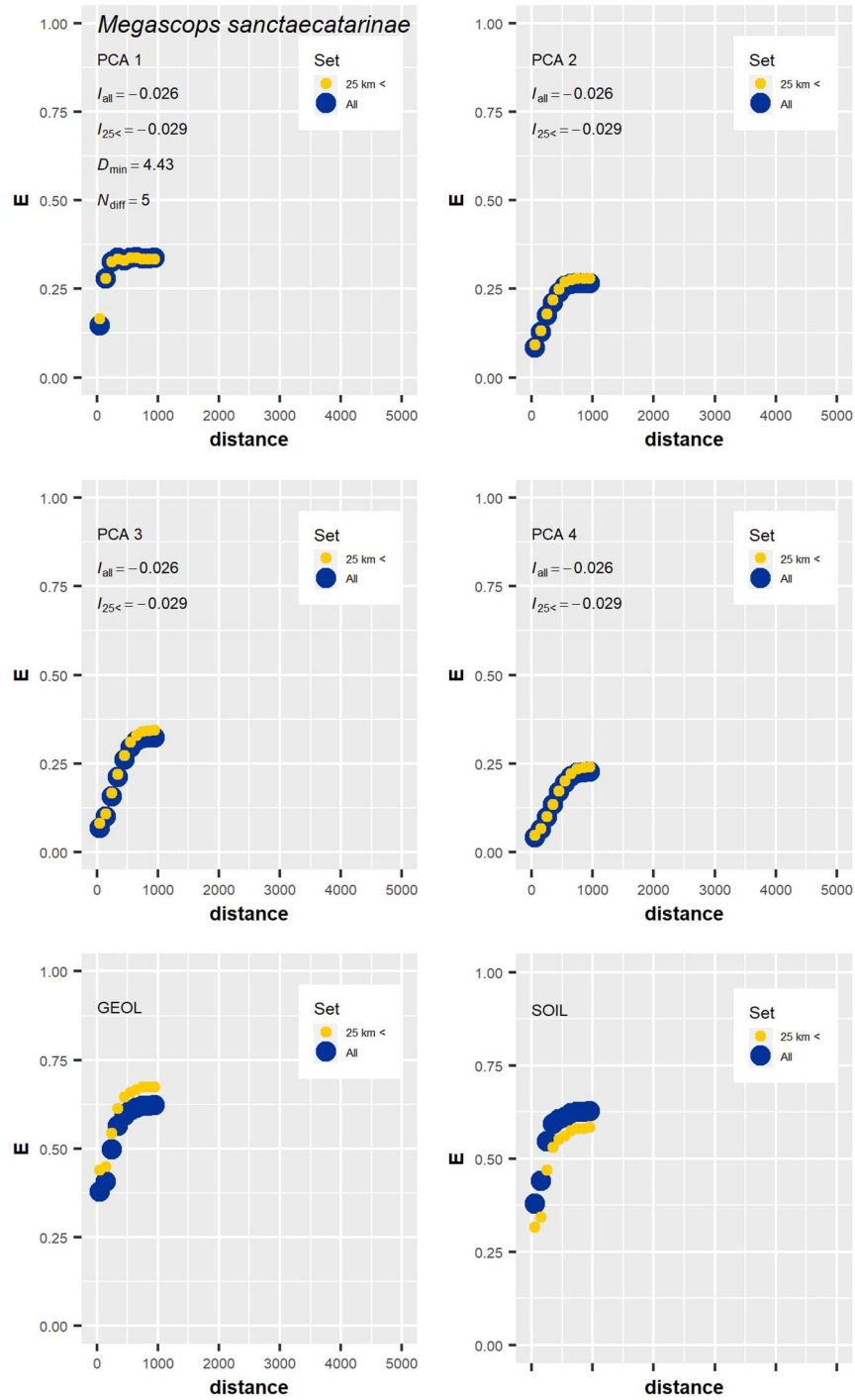


Figure C.n (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

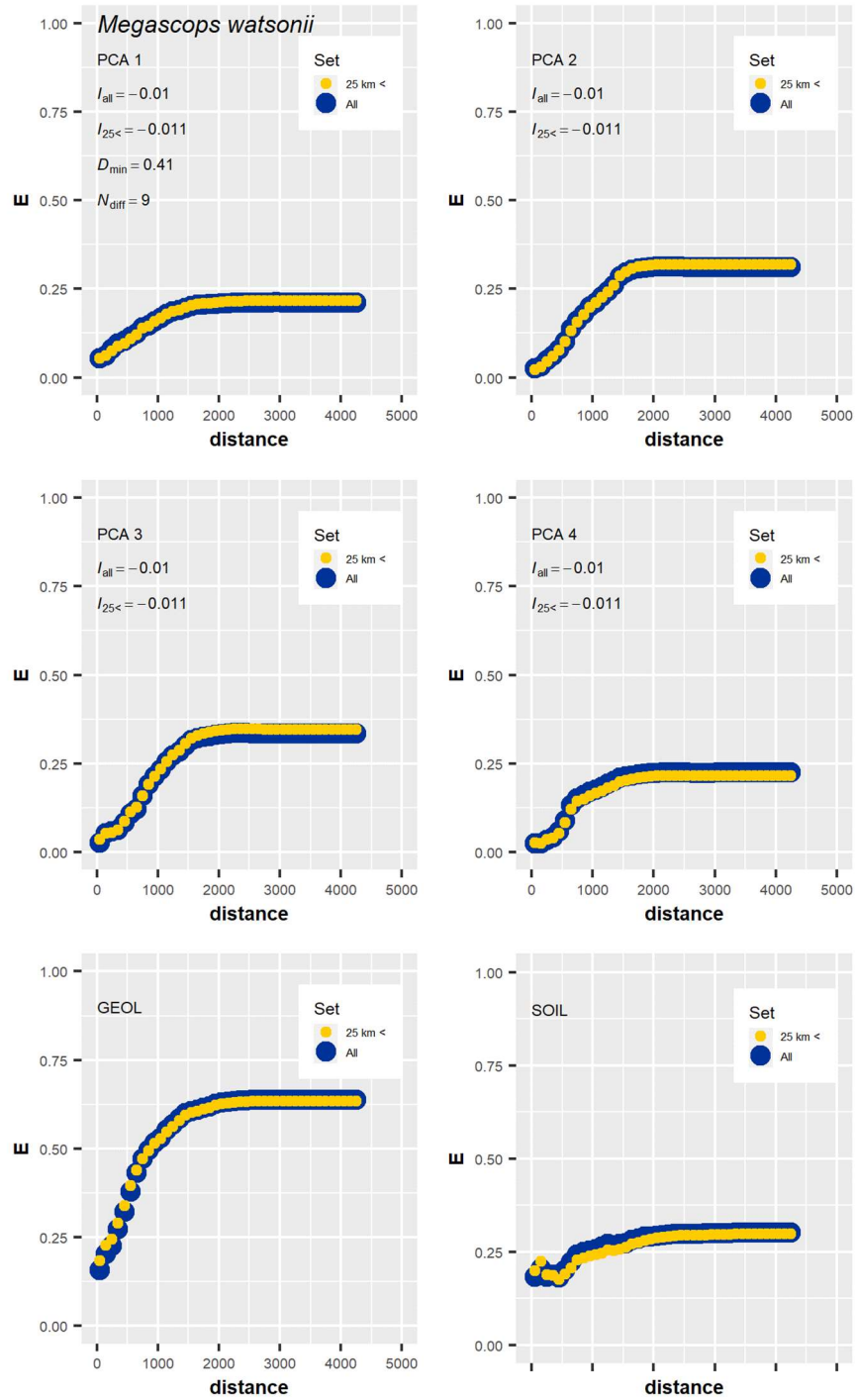


Figure C.o (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

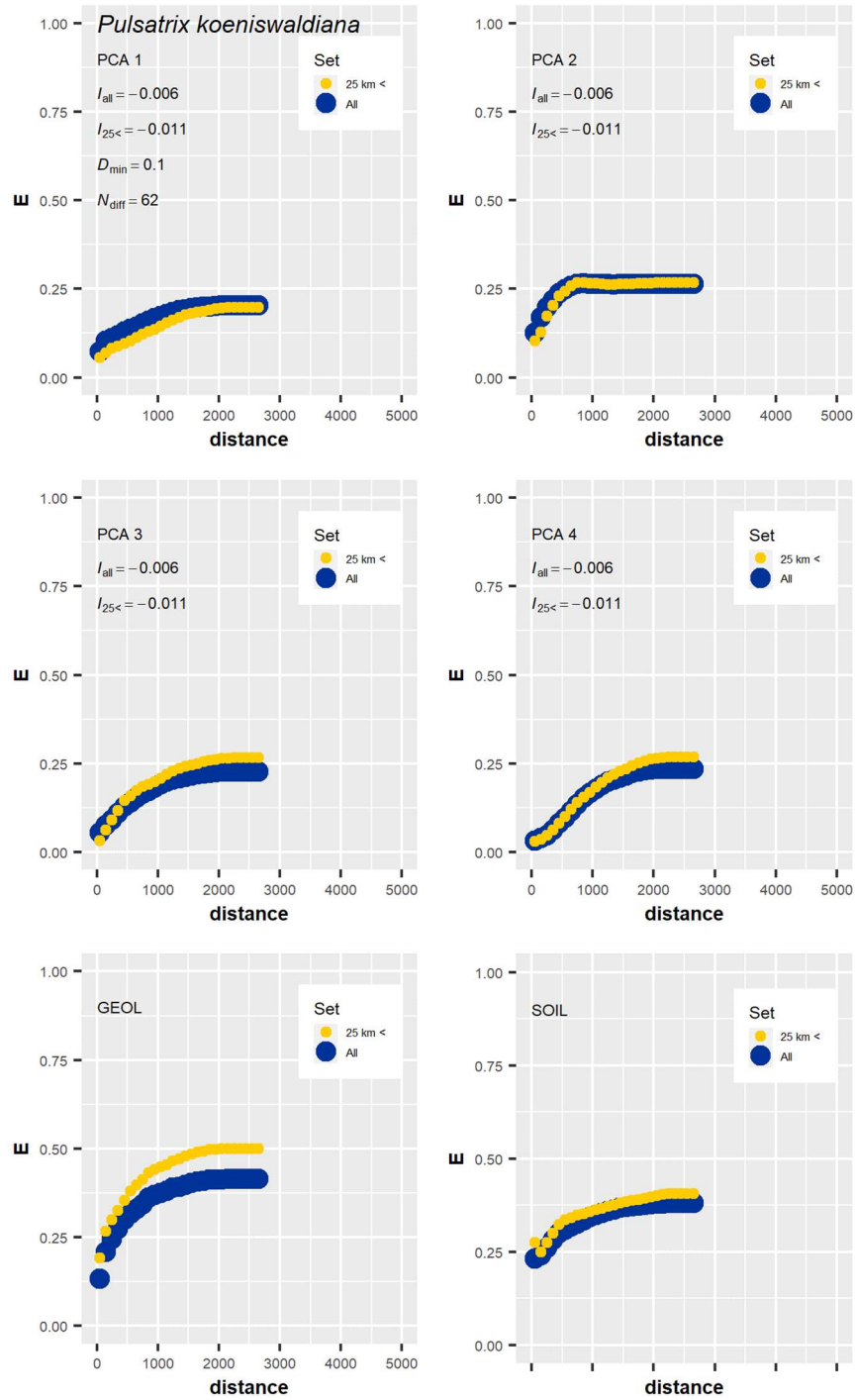


Figure C.p (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

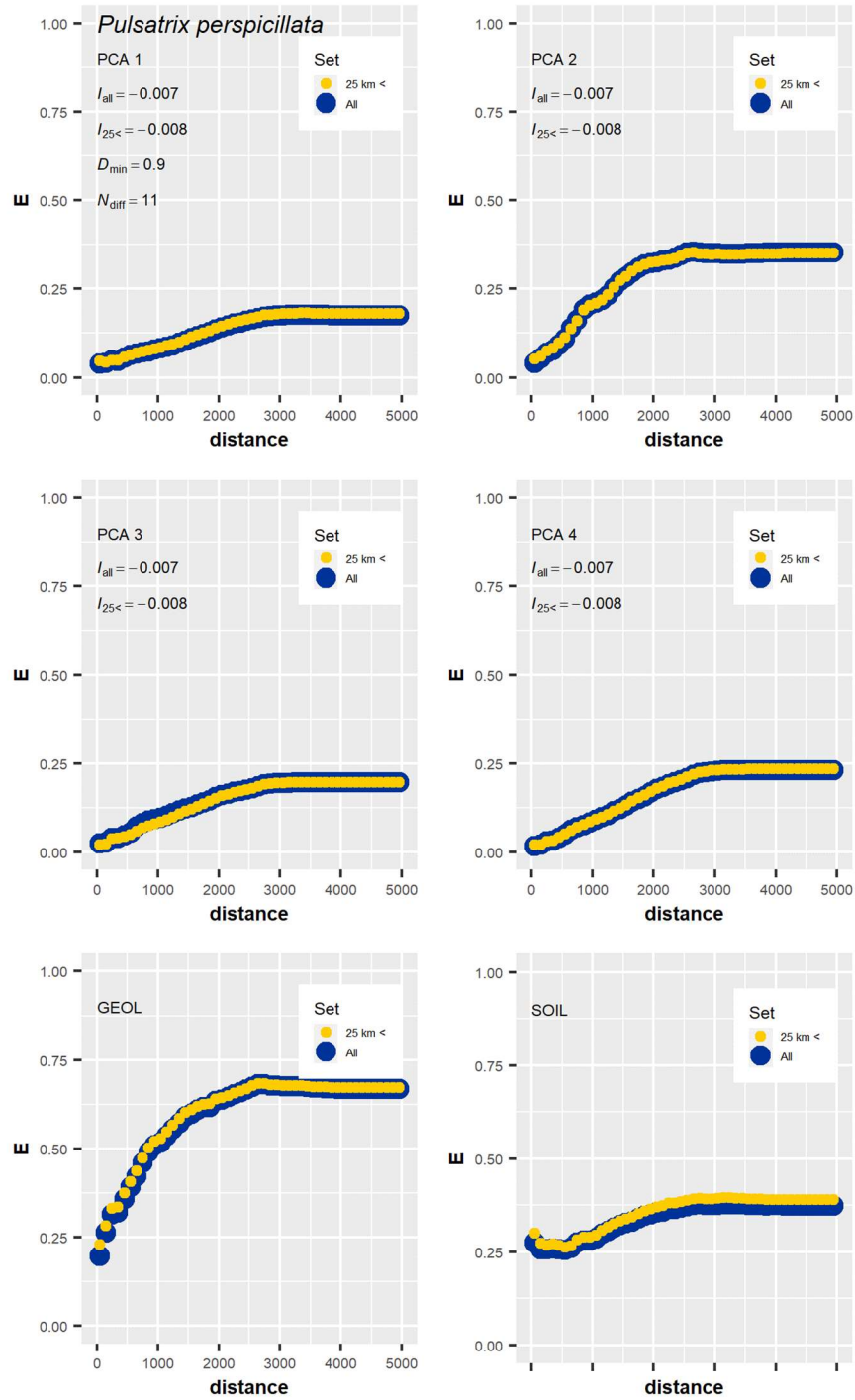


Figure C.q (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

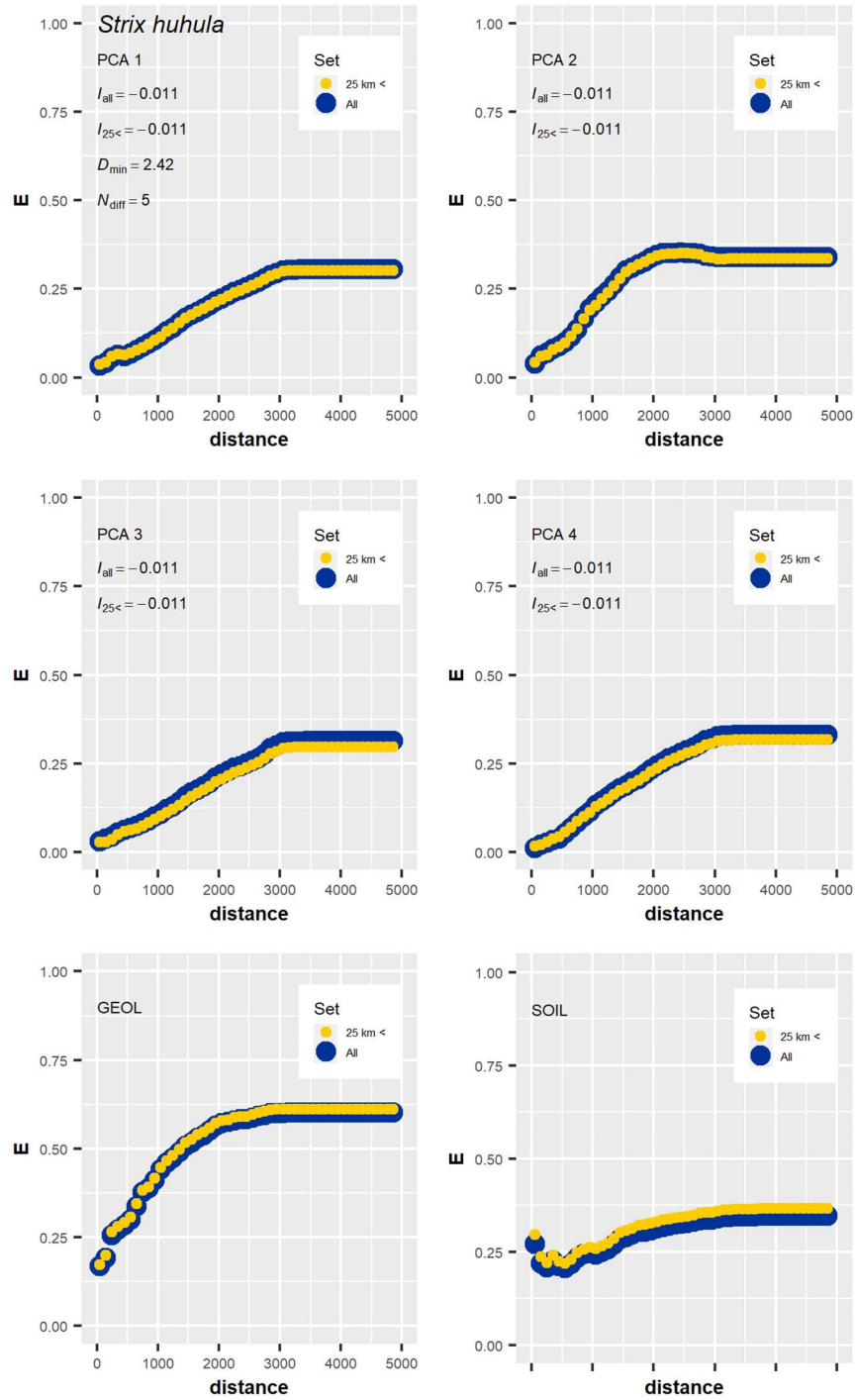


Figure C.r (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

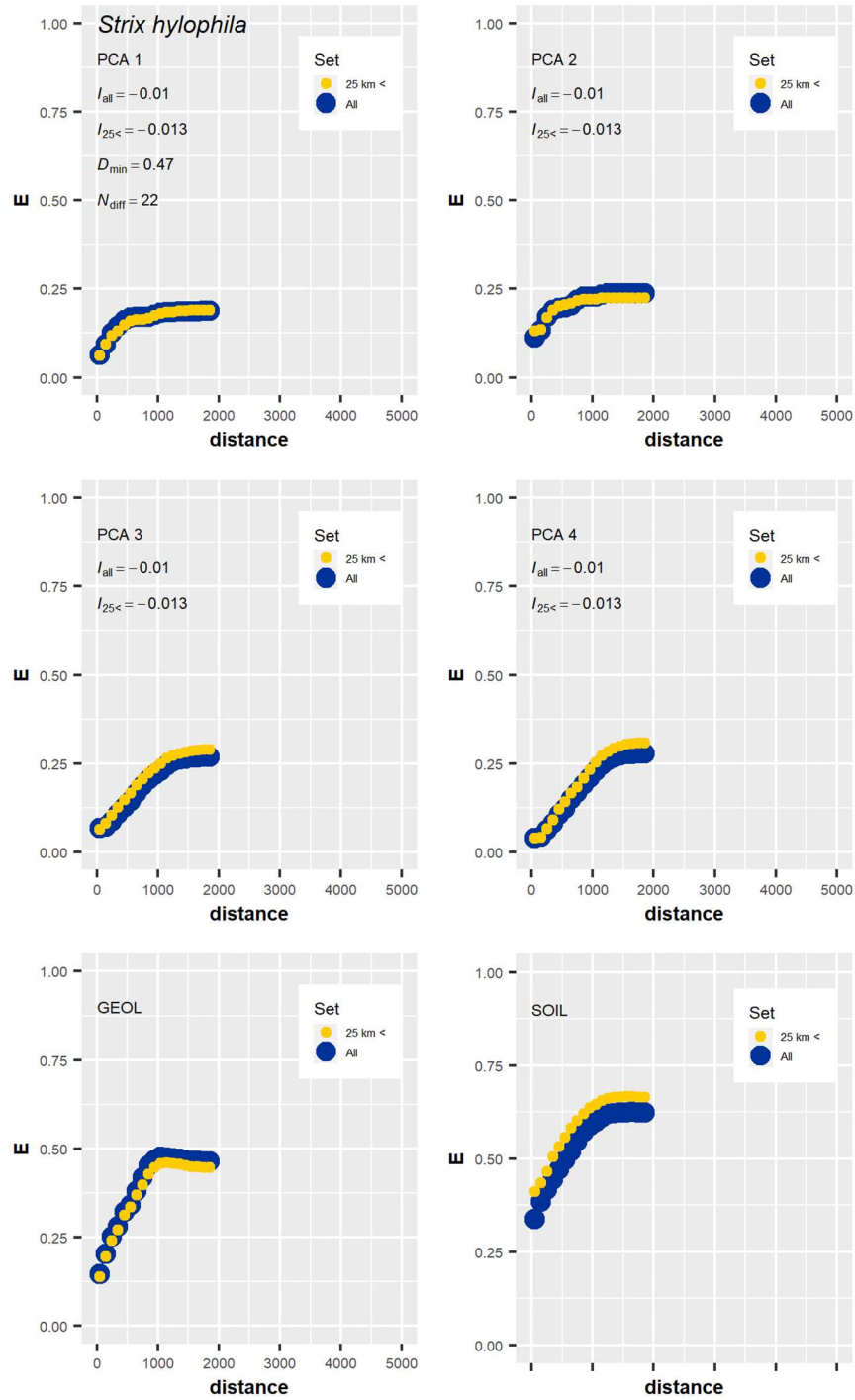


Figure C.s (cont.). Entrograms for each species and environmental covariates comparing the entropy-based local indicators of spatial association at recording localities.

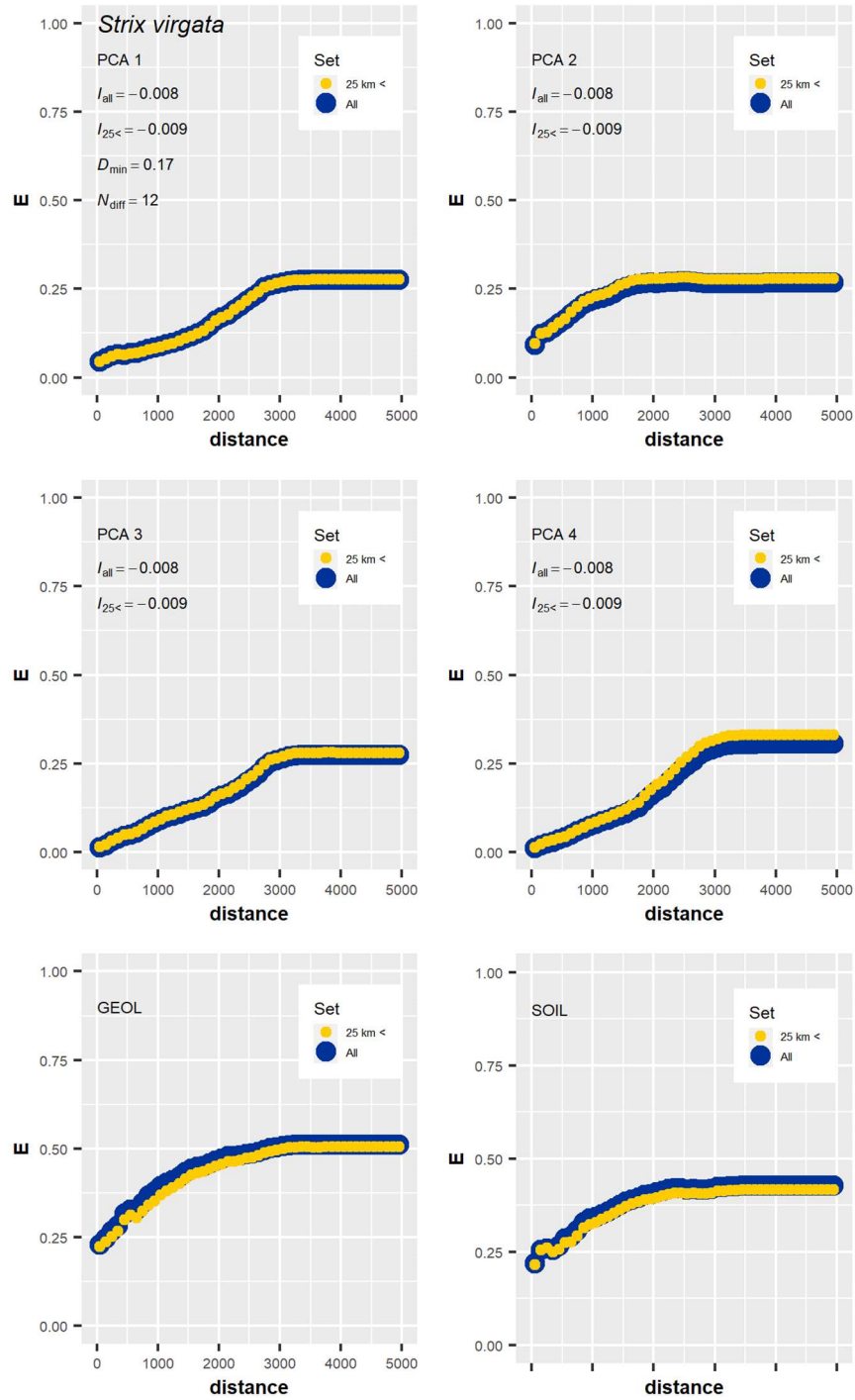


Figure D. Comparisons of the number of omissions (false negatives) and extension of the predicted areas (in pixels) according to the different thresholds for the different taxa modelled.

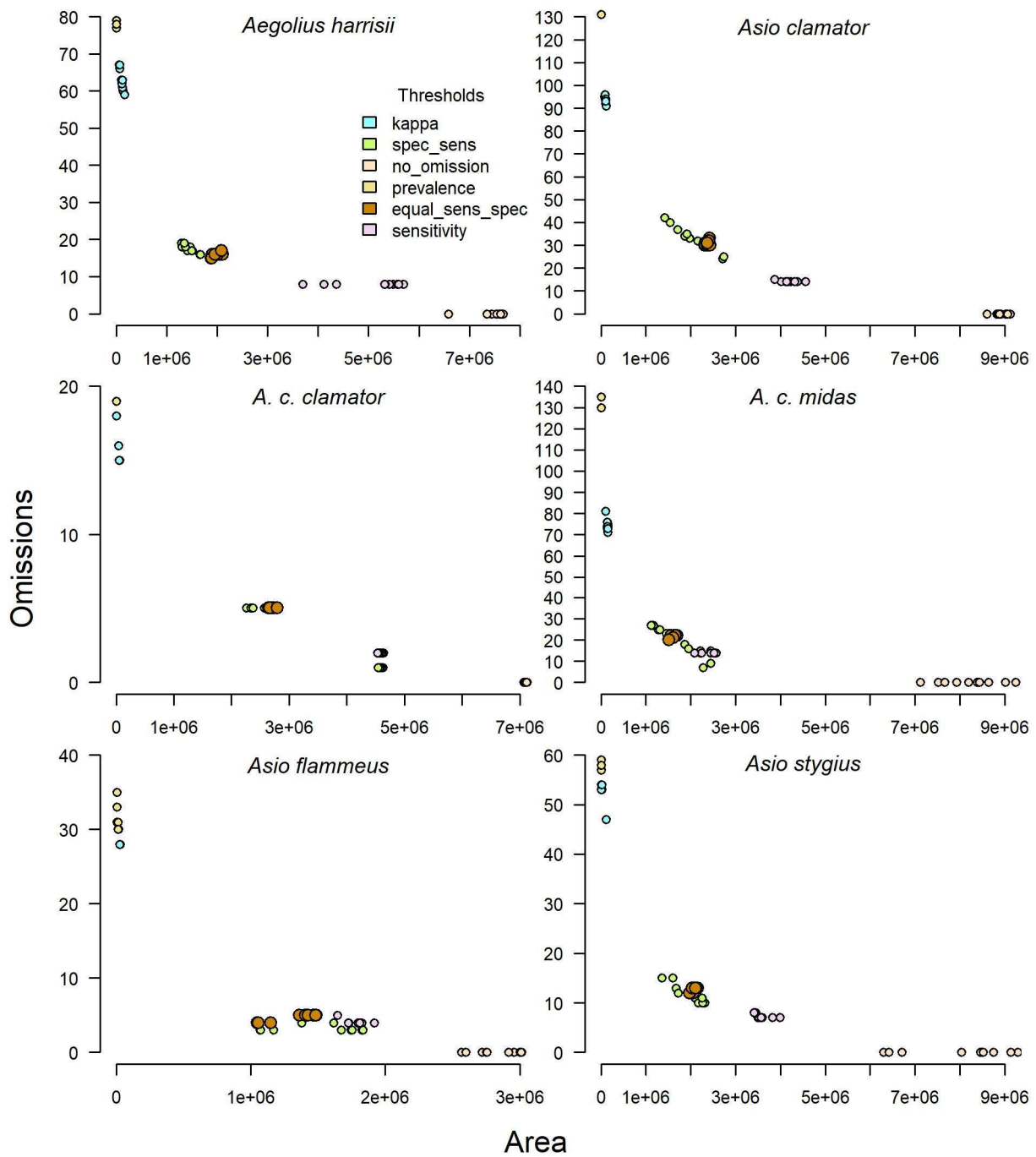


Figure D (cont.). Comparisons of the number of omissions and extension of the predicted areas according to the different thresholds for the different taxa modelled.

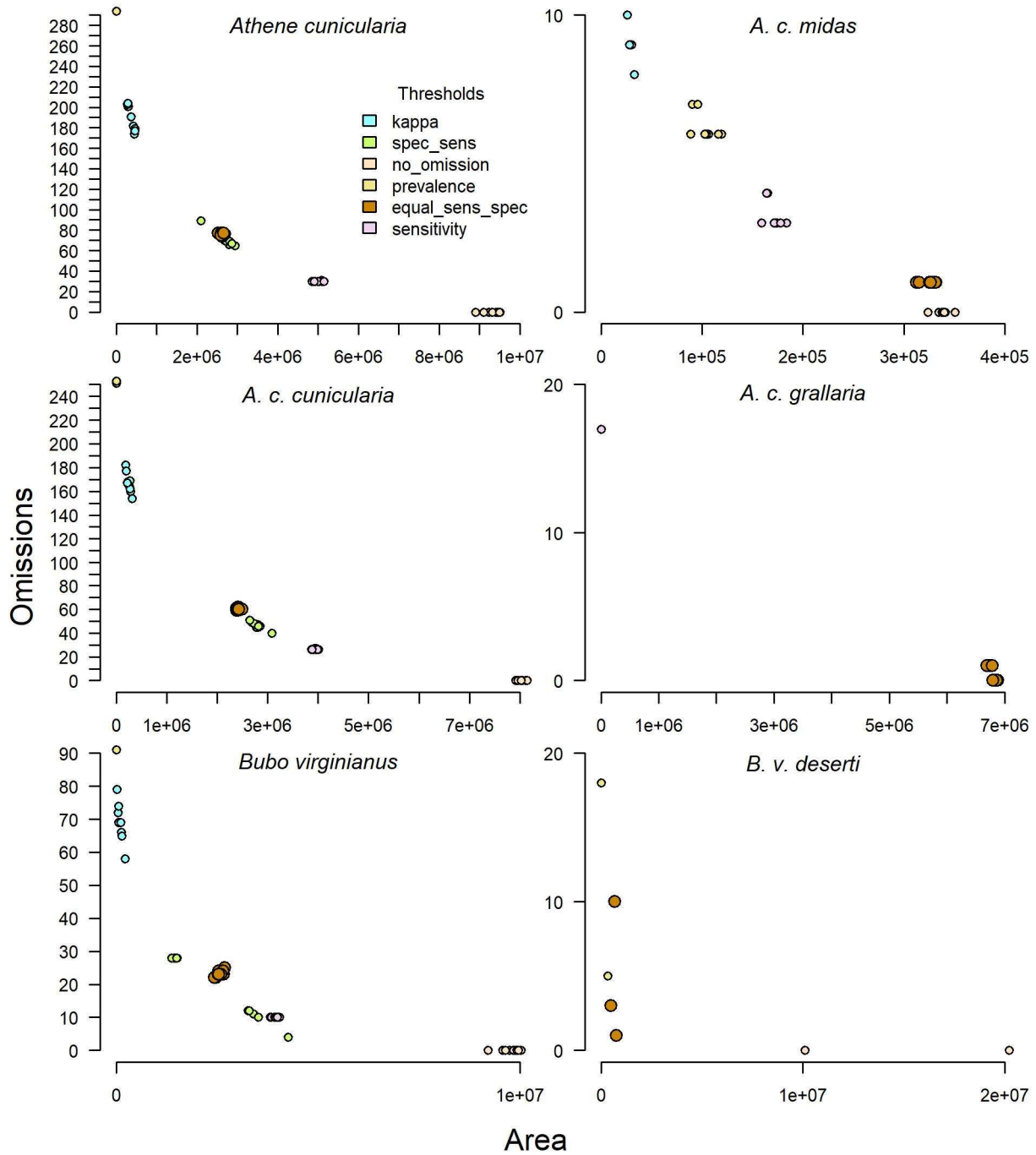


Figure D (cont.). Comparisons of the number of omissions and extension of the predicted areas according to the different thresholds for the different taxa modelled.

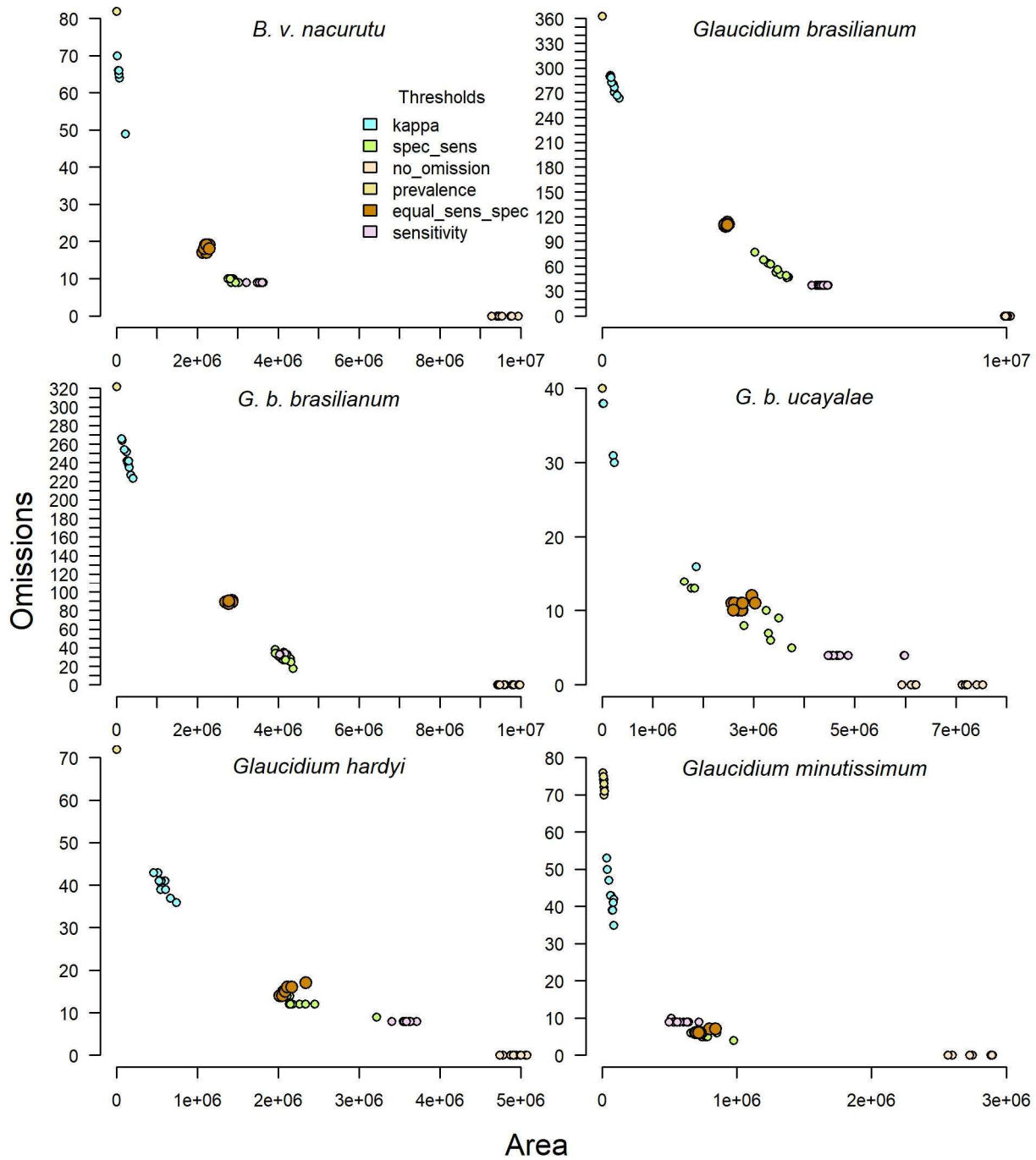


Figure D (cont.). Comparisons of the number of omissions and extension of the predicted areas according to the different thresholds for the different taxa modelled.

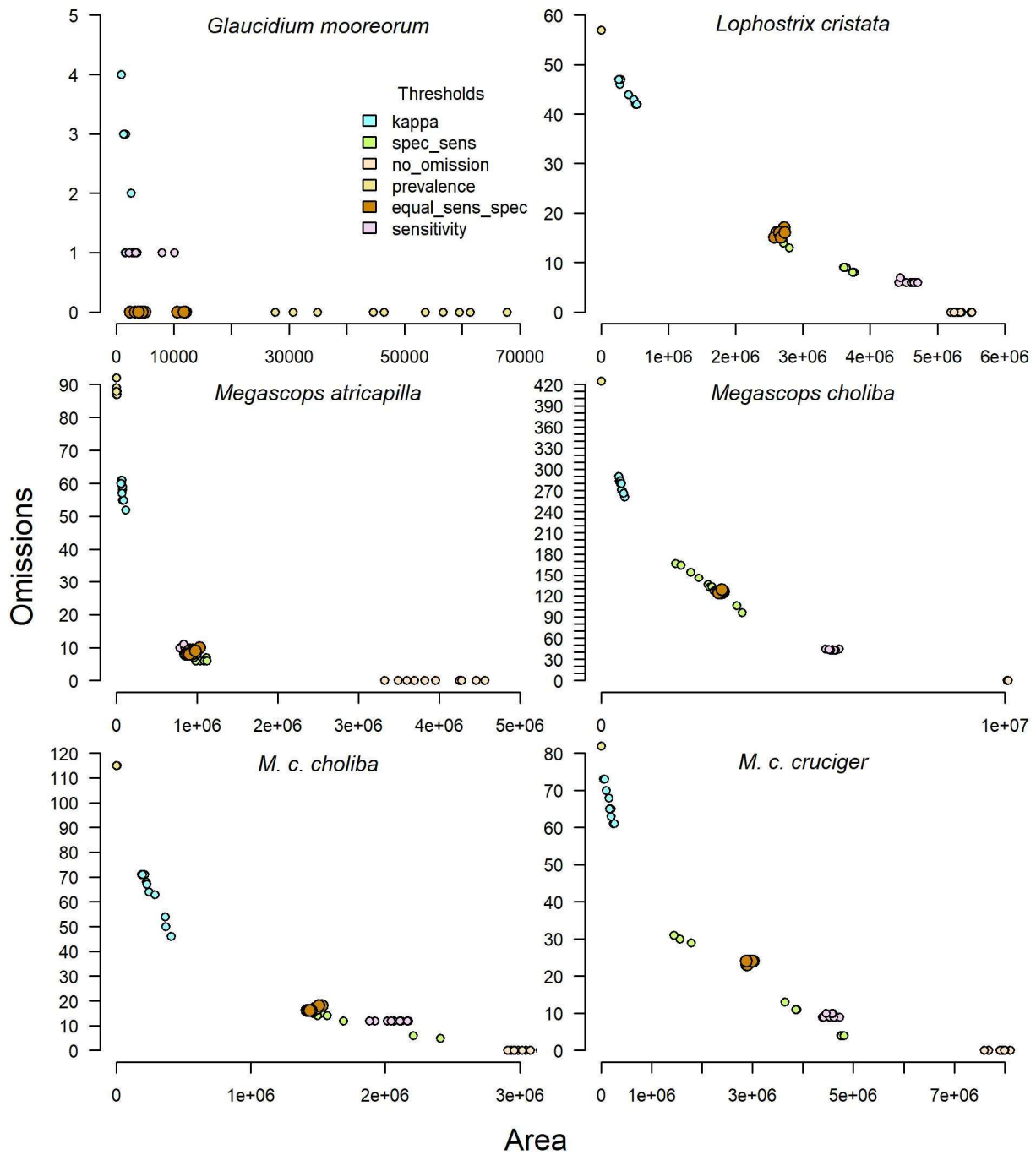


Figure D (cont.). Comparisons of the number of omissions and extension of the predicted areas according to the different thresholds for the different taxa modelled.

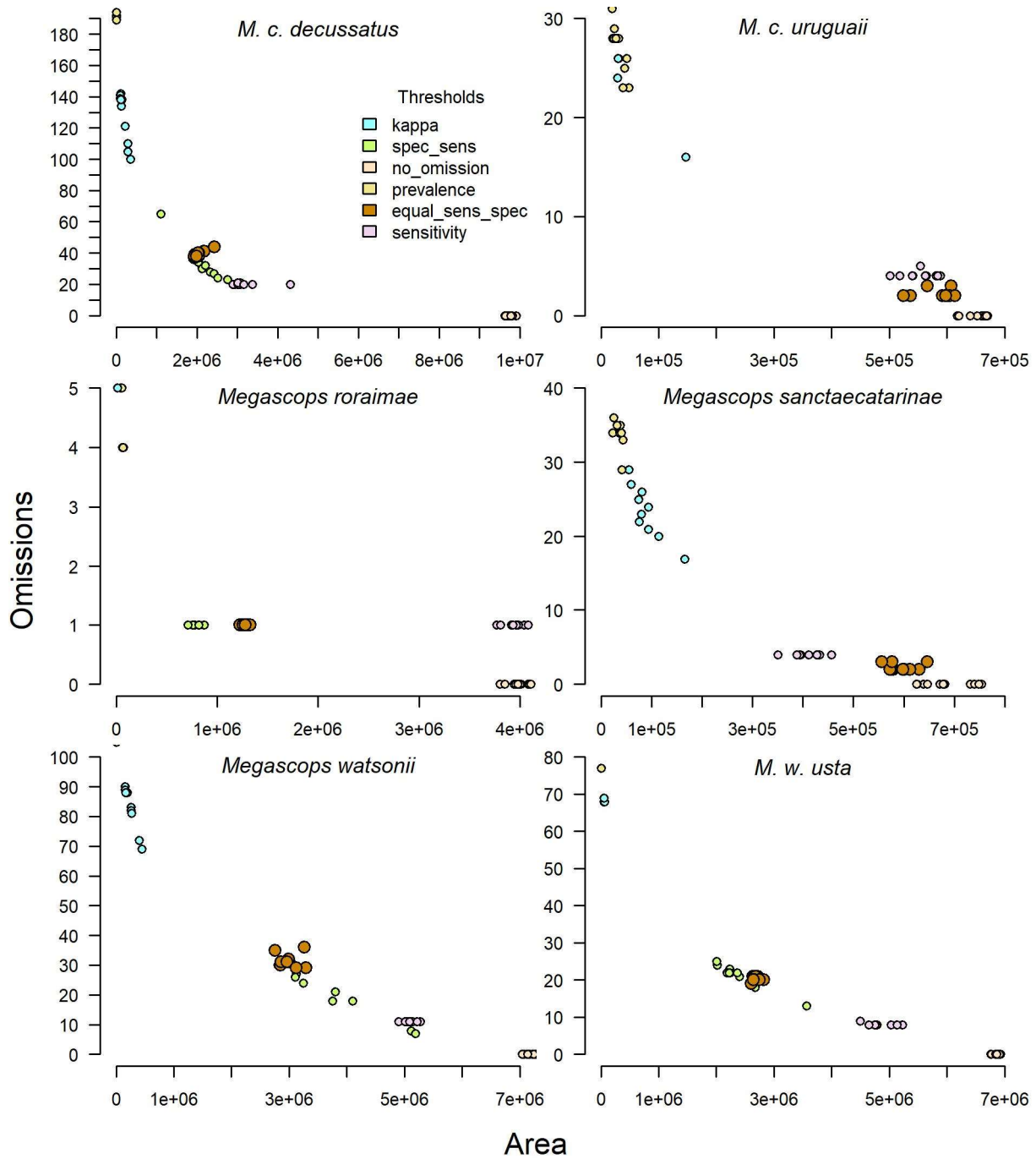


Figure D (cont.). Comparisons of the number of omissions and extension of the predicted areas according to the different thresholds for the different taxa modelled.

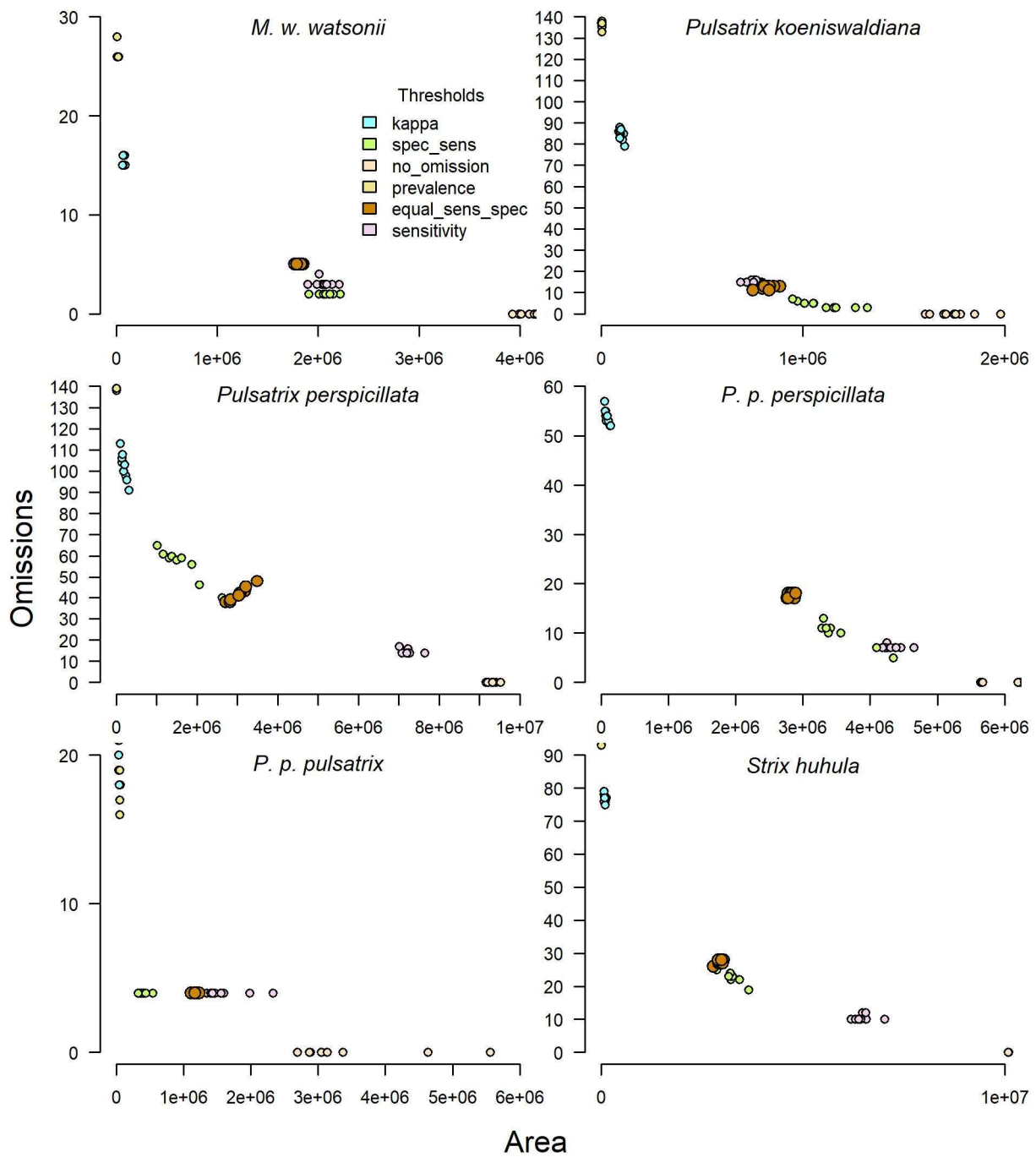


Figure D (cont.). Comparisons of the number of omissions and extension of the predicted areas according to the different thresholds for the different taxa modelled.

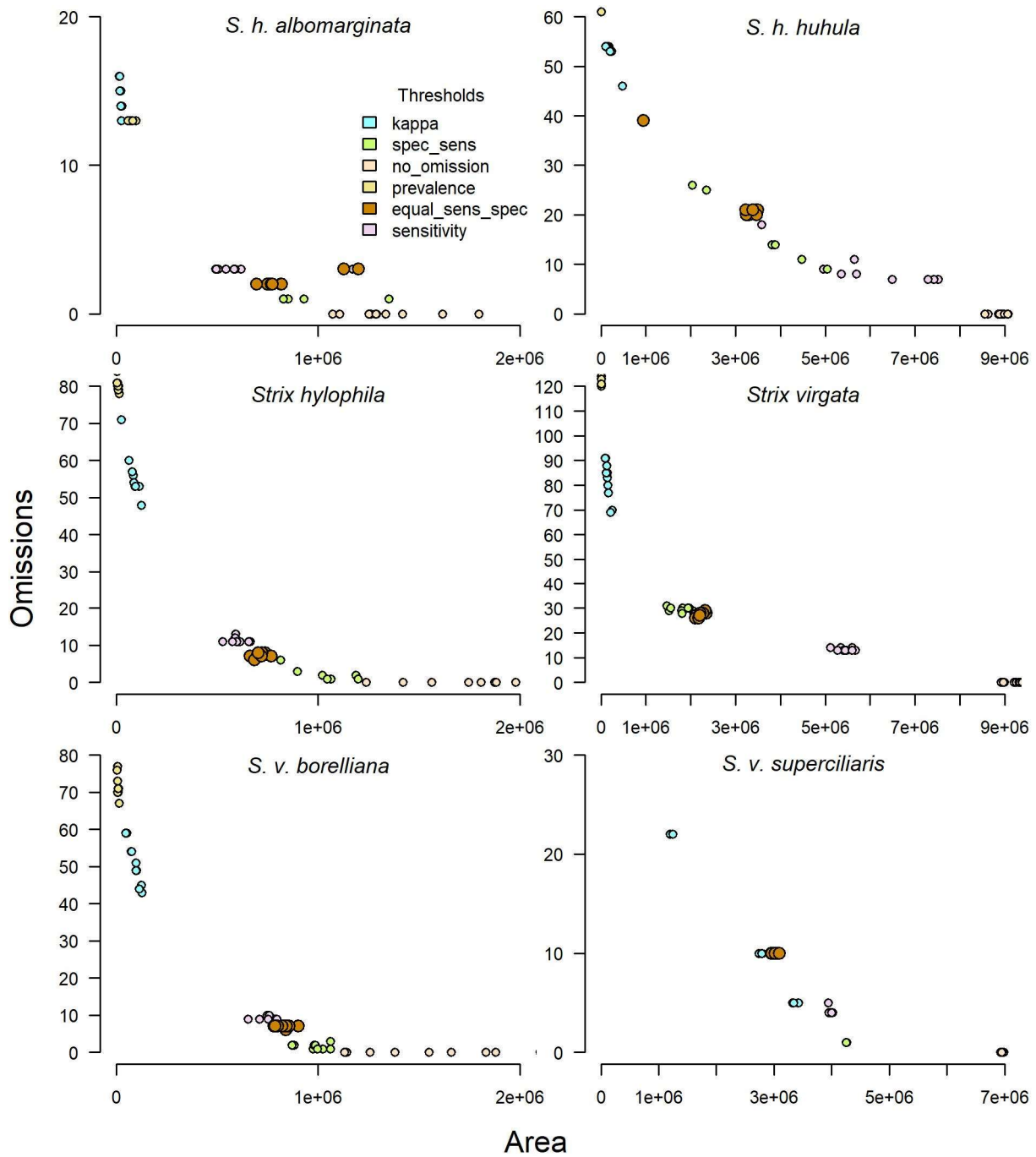


Figure E. Thresholded (binary) spatial distributions of each taxon of Brazilian Strigidae modelled as predicted by Maxent in G-space. Predicted suitable areas green, biomes delimited by gray lines.

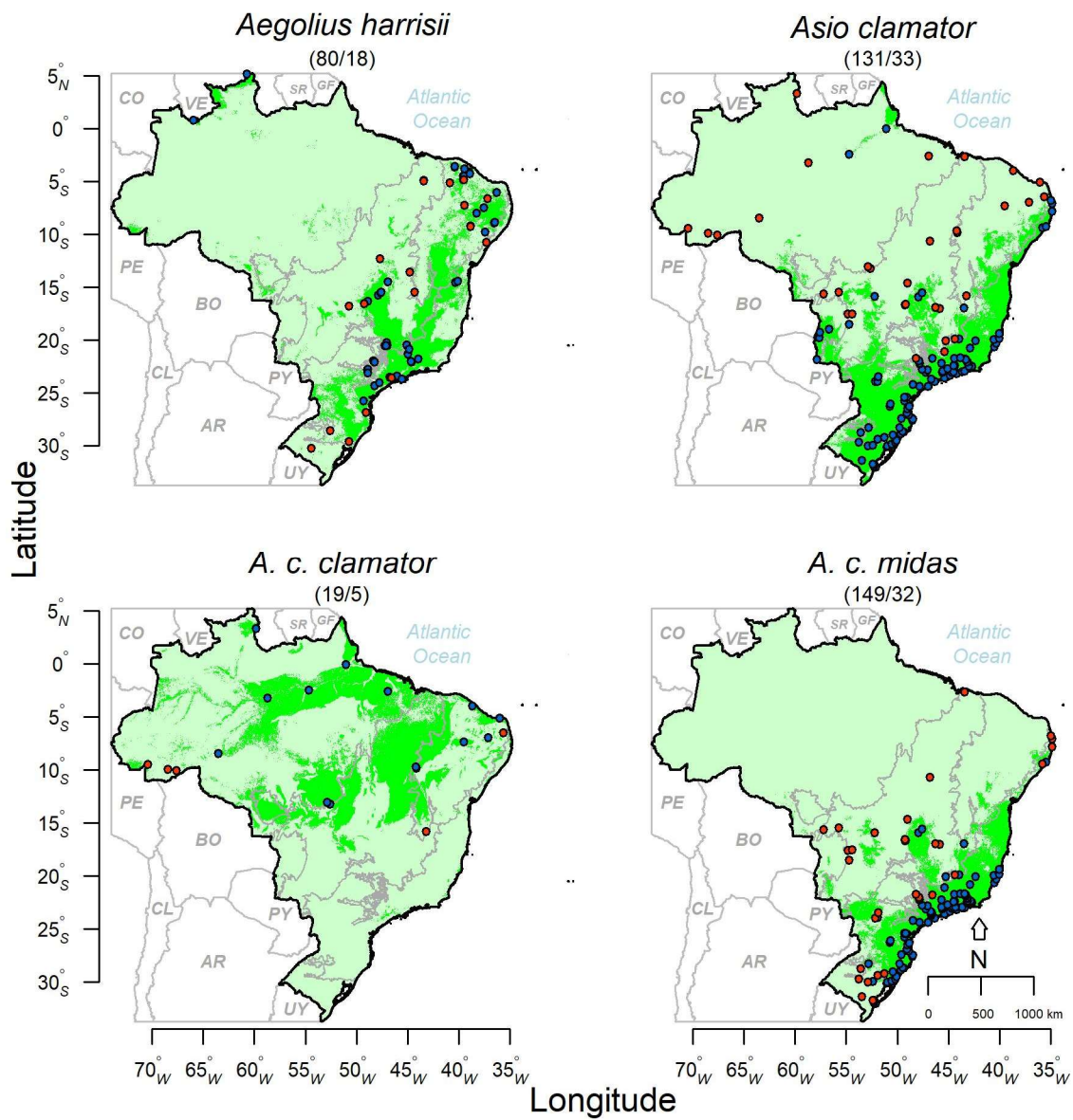


Figure E (cont.). Thresholded (binary) spatial distributions of each taxon of Brazilian Strigidae modelled as predicted by Maxent in G-space.

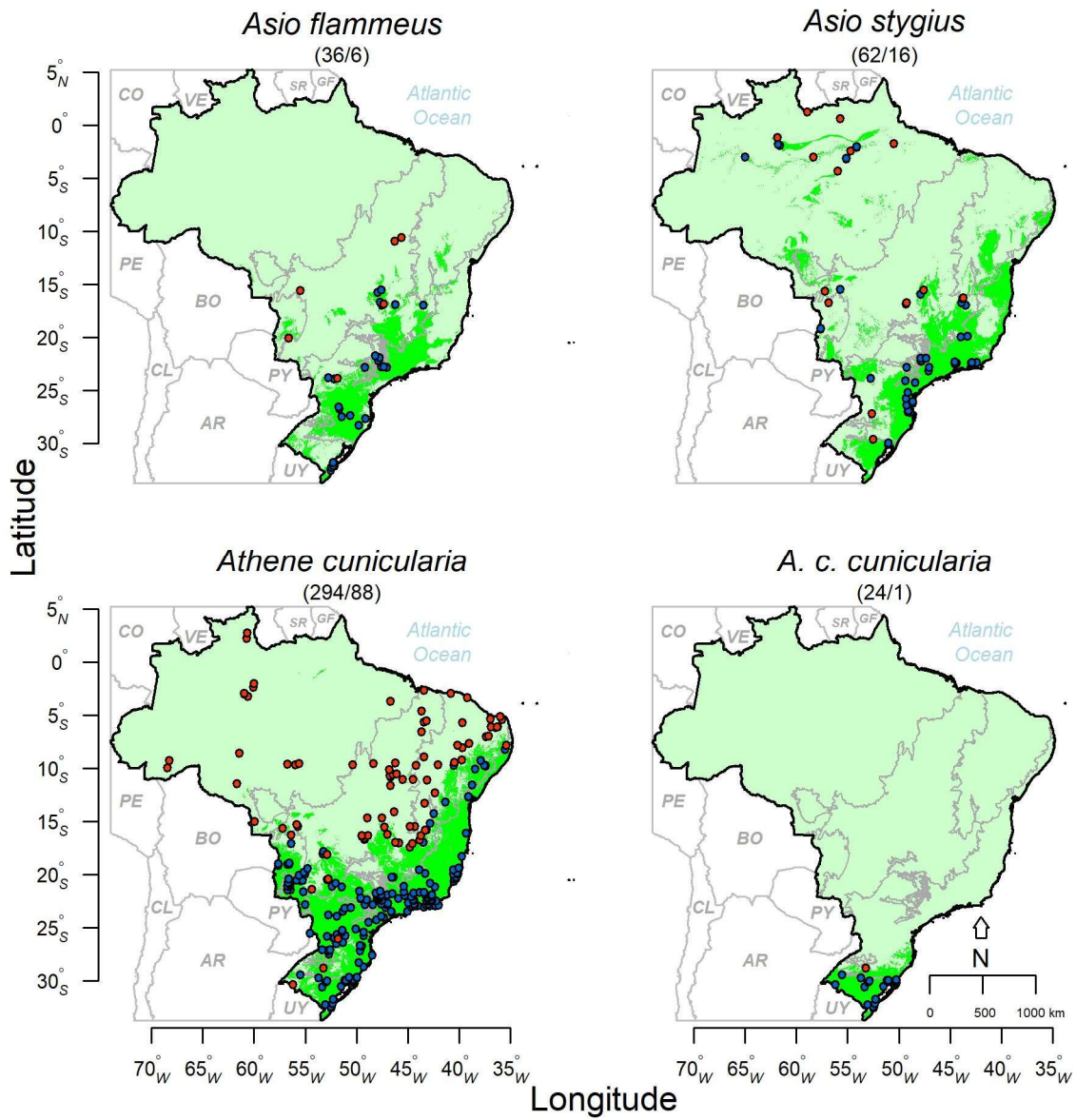


Figure E (cont.). Thresholded (binary) spatial distributions of each taxon of Brazilian Strigidae modelled as predicted by Maxent in G-space.

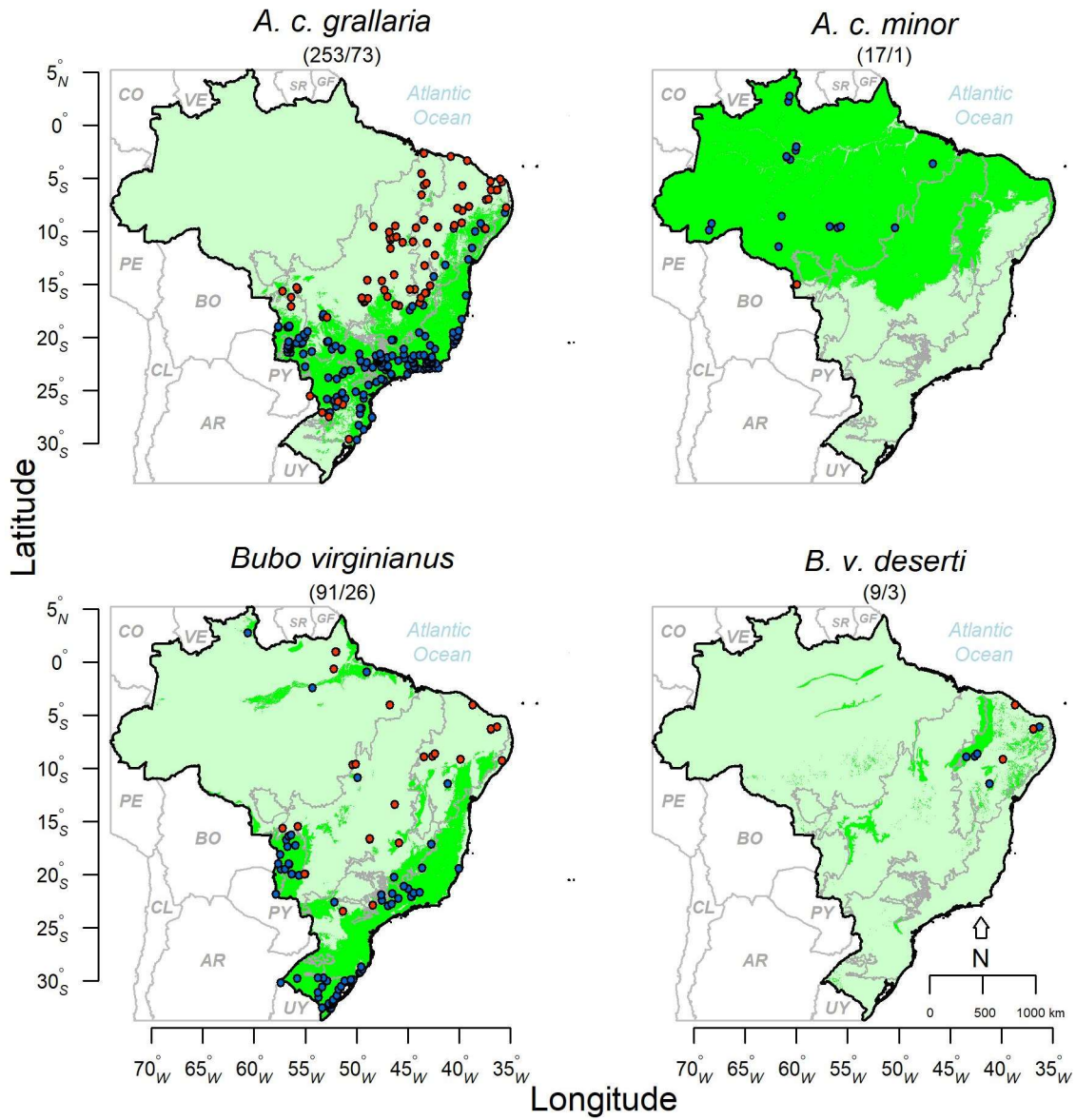


Figure E (cont.). Thresholded (binary) spatial distributions of each taxon of Brazilian Strigidae modelled as predicted by Maxent in G-space.

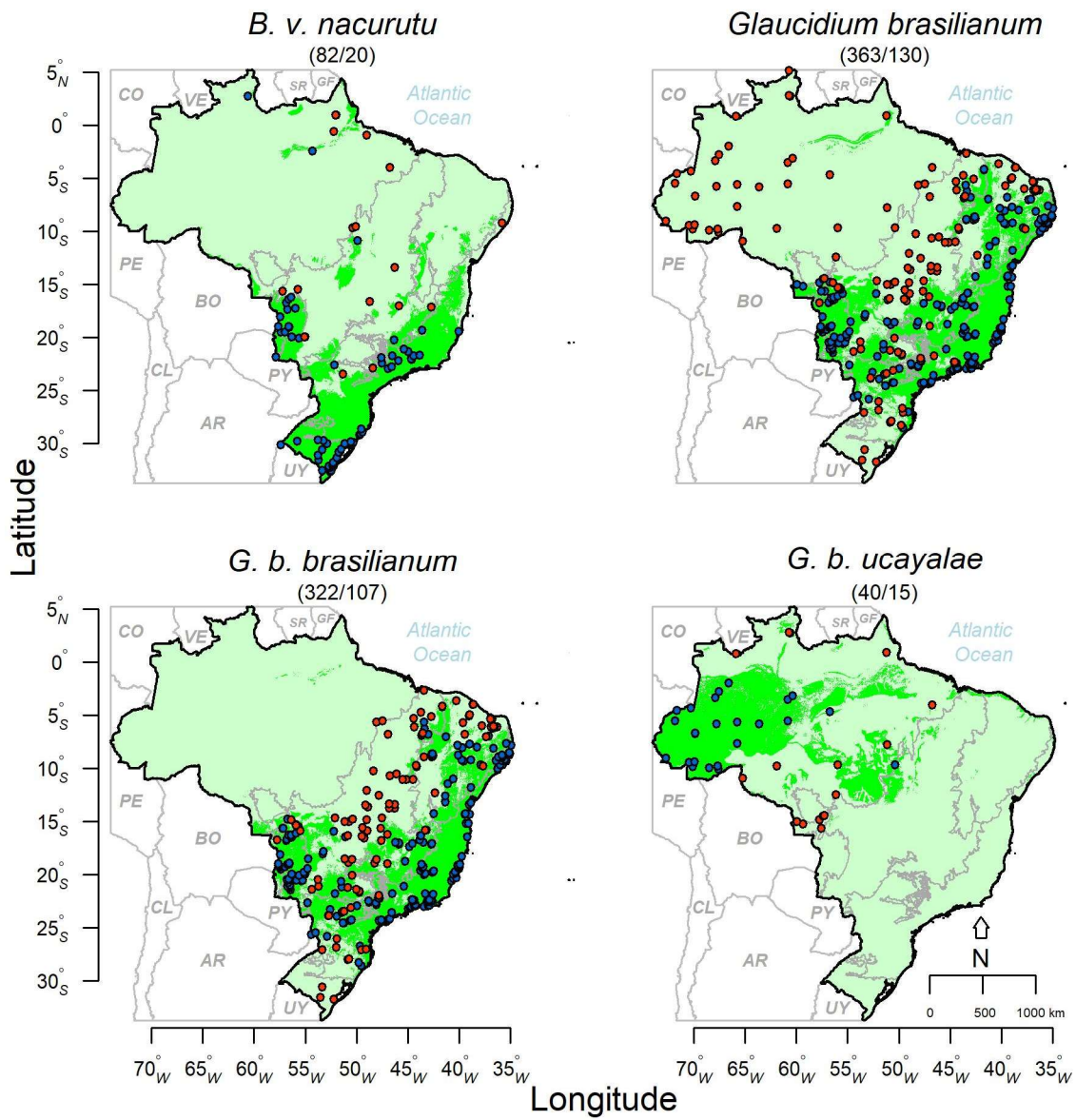


Figure E (cont.). Thresholded (binary) spatial distributions of each taxon of Brazilian Strigidae modelled as predicted by Maxent in G-space. Arrows highlight predicted suitable areas far from the known range.

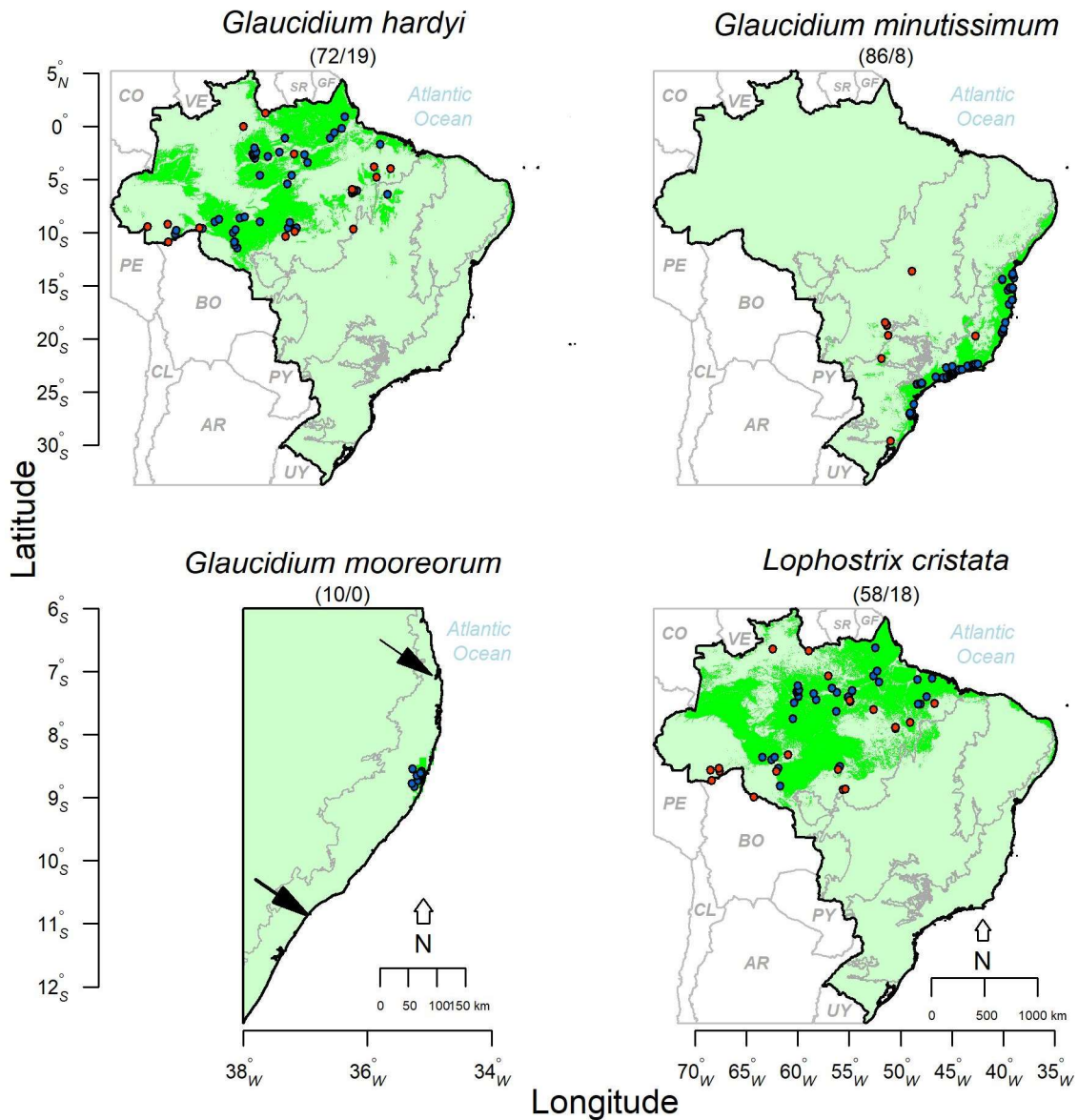


Figure E (cont.). Thresholded (binary) spatial distributions of each taxon of Brazilian Strigidae modelled as predicted by Maxent in G-space.

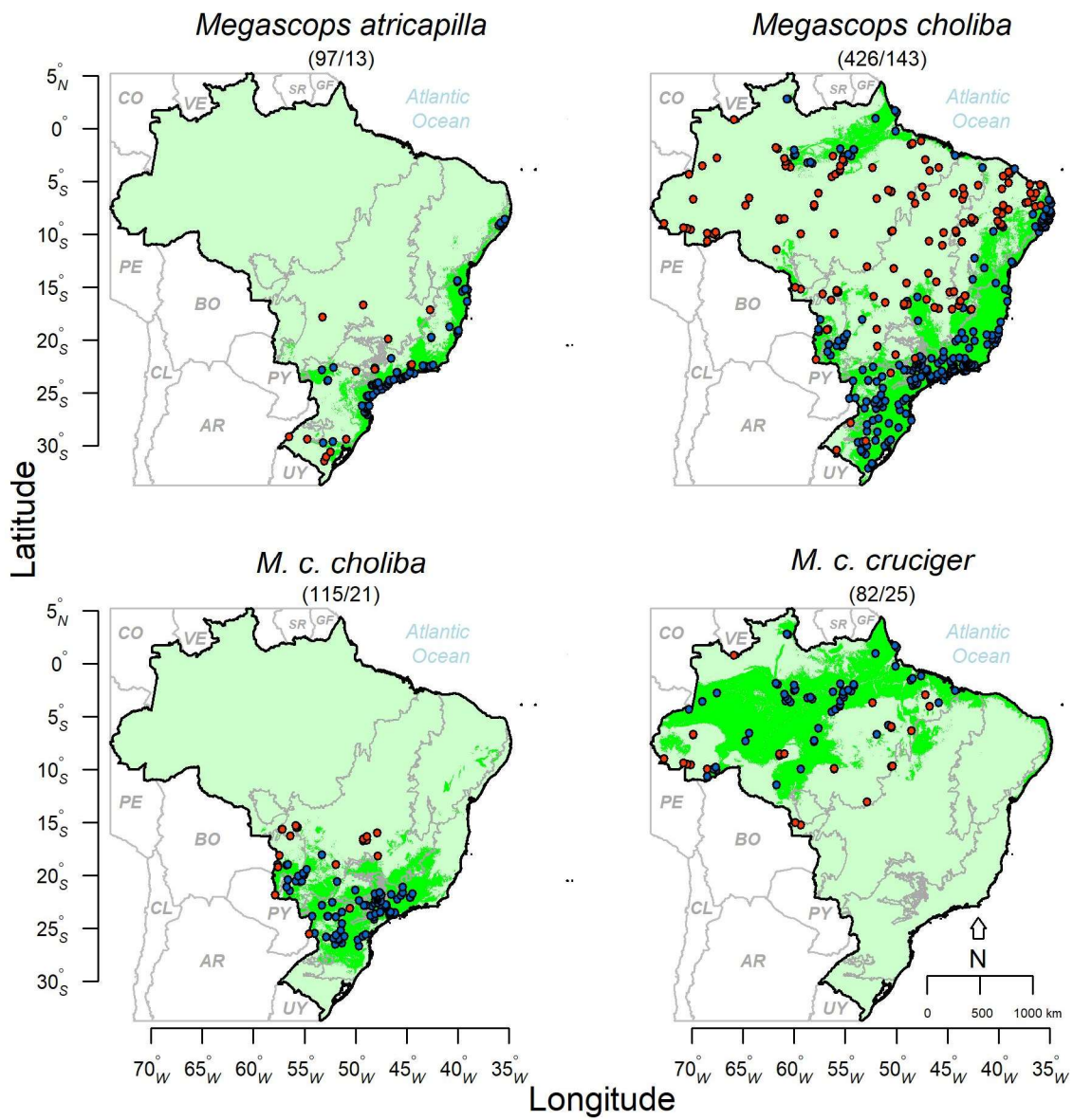


Figure E (cont.). Thresholded (binary) spatial distributions of each taxon of Brazilian Strigidae modelled as predicted by Maxent in G-space.

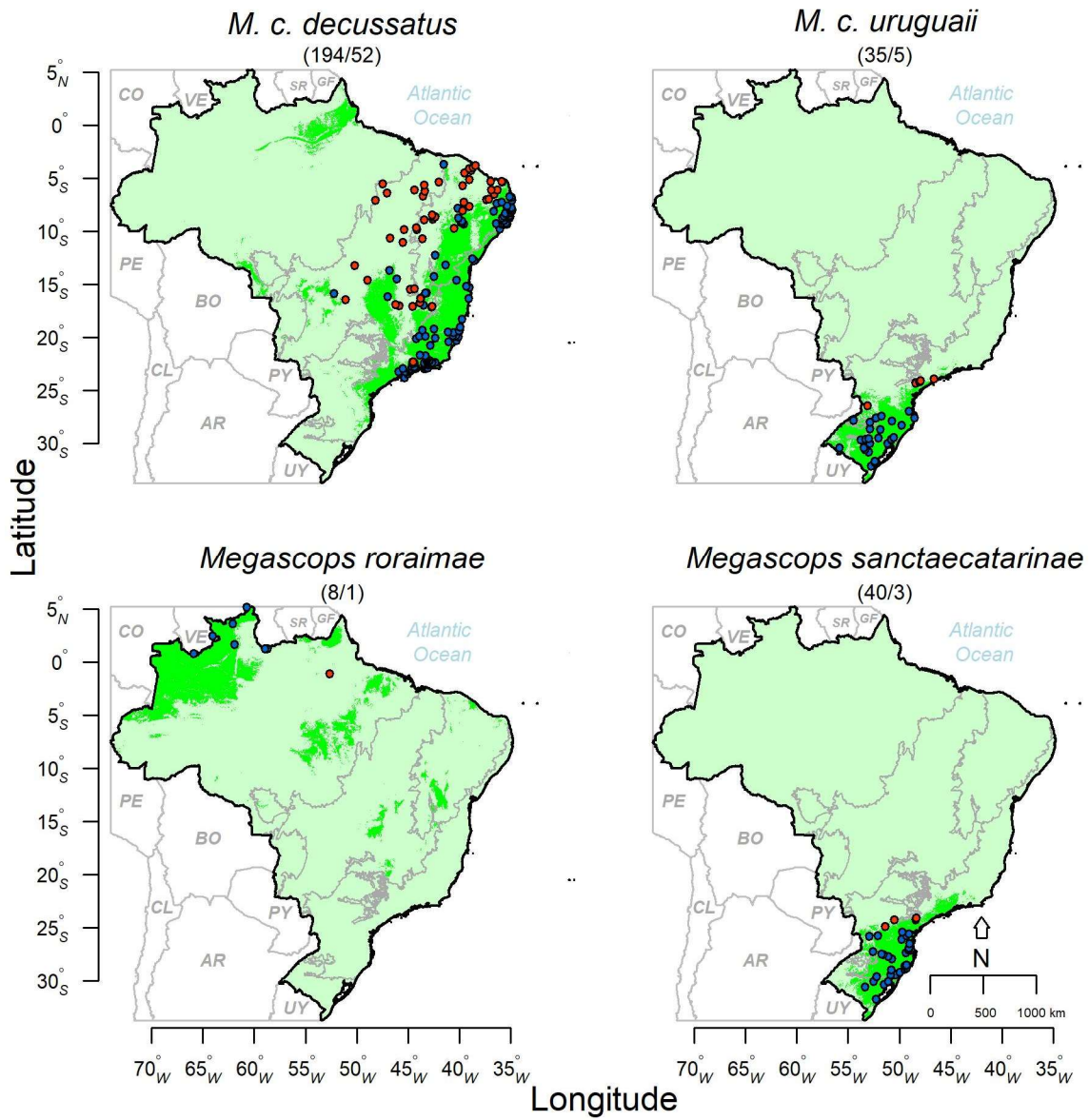


Figure E (cont.). Thresholded (binary) spatial distributions of each taxon of Brazilian Strigidae modelled as predicted by Maxent in G-space.

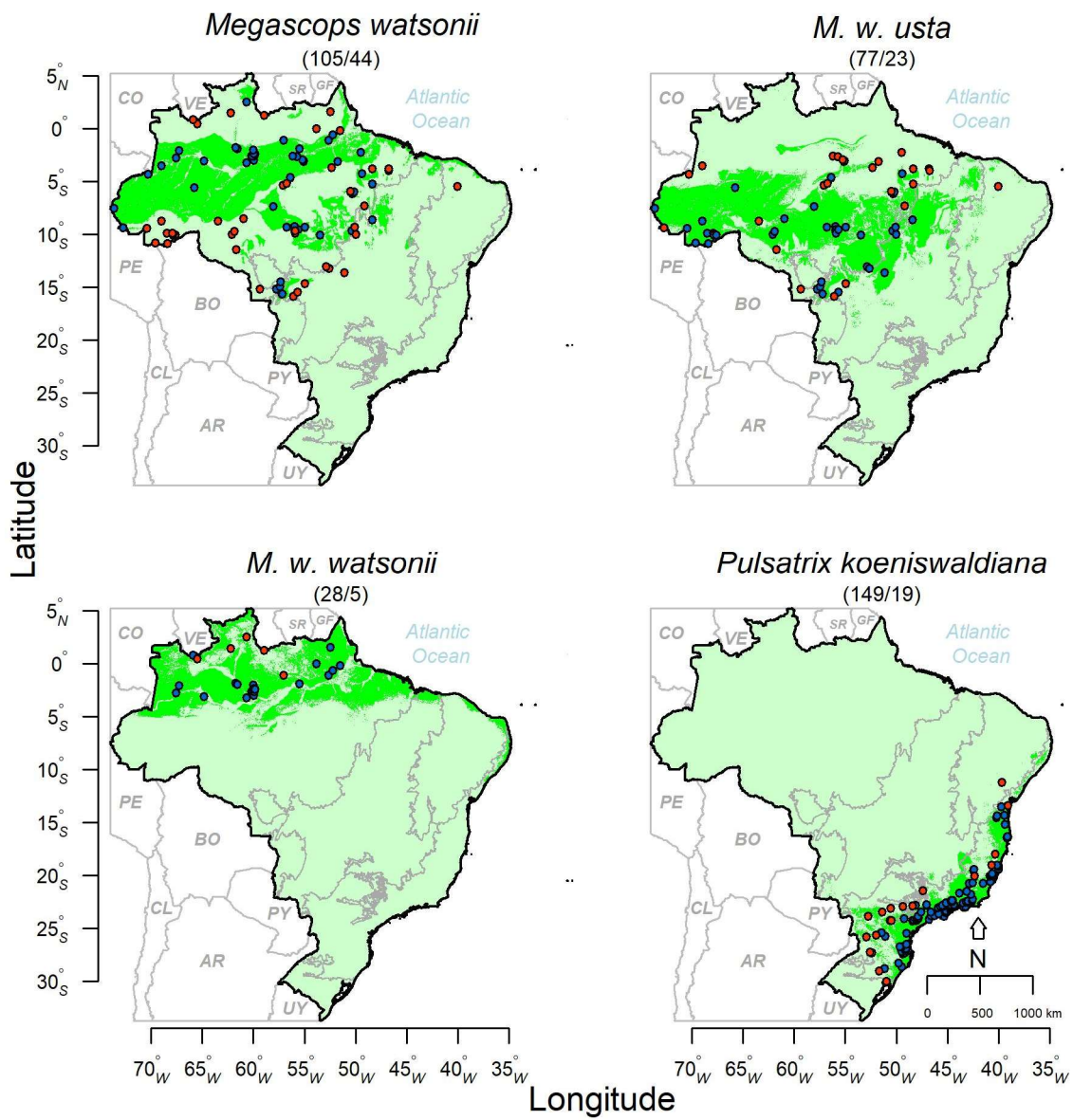


Figure E (cont.). Thresholded (binary) spatial distributions of each taxon of Brazilian Strigidae modelled as predicted by Maxent in G-space.

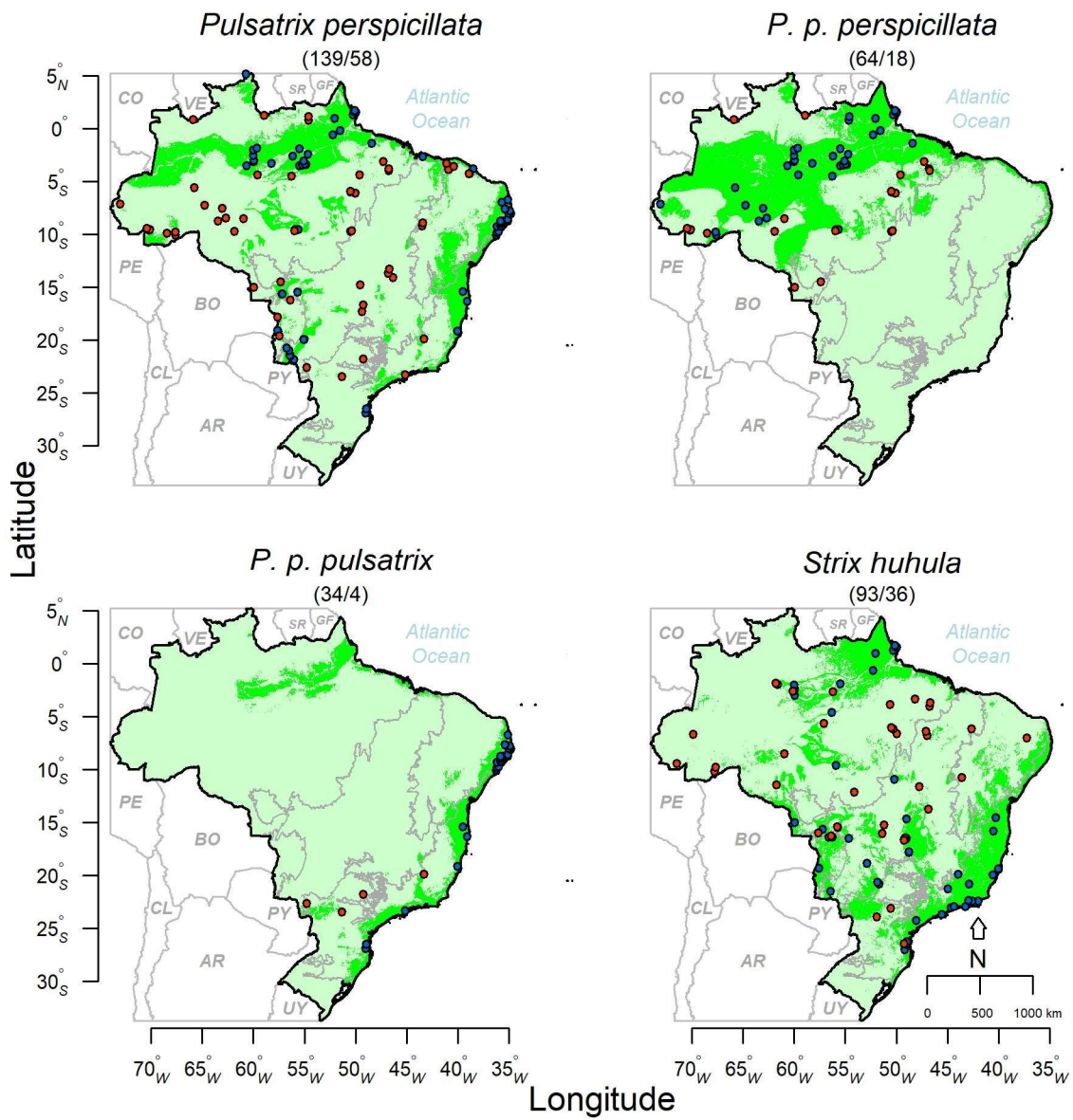


Figure E (cont.). Thresholded (binary) spatial distributions of each taxon of Brazilian Strigidae modelled as predicted by Maxent in G-space.

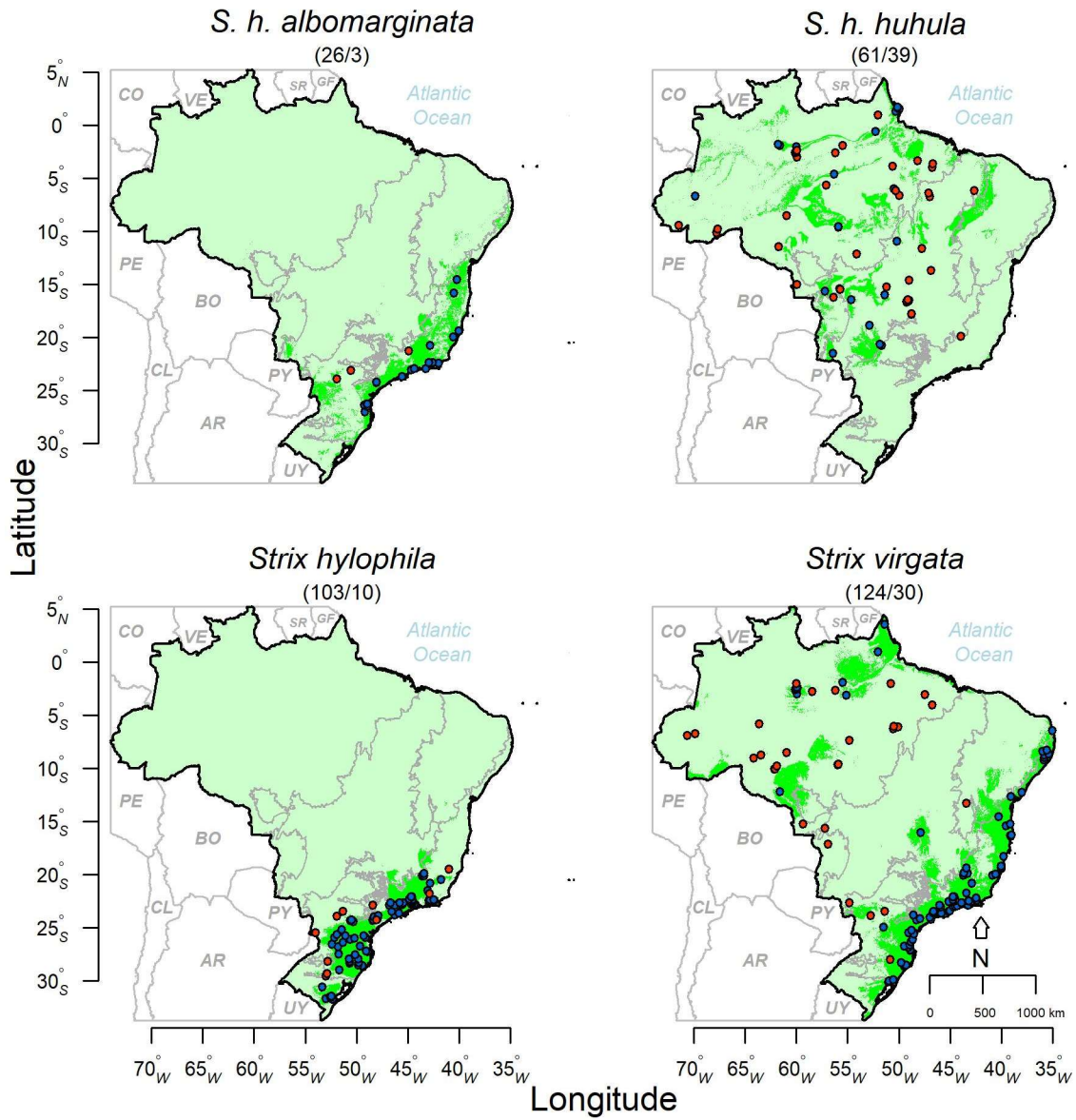


Figure E (cont.). Thresholded (binary) spatial distributions of each taxon of Brazilian Strigidae modelled as predicted by Maxent in G-space.

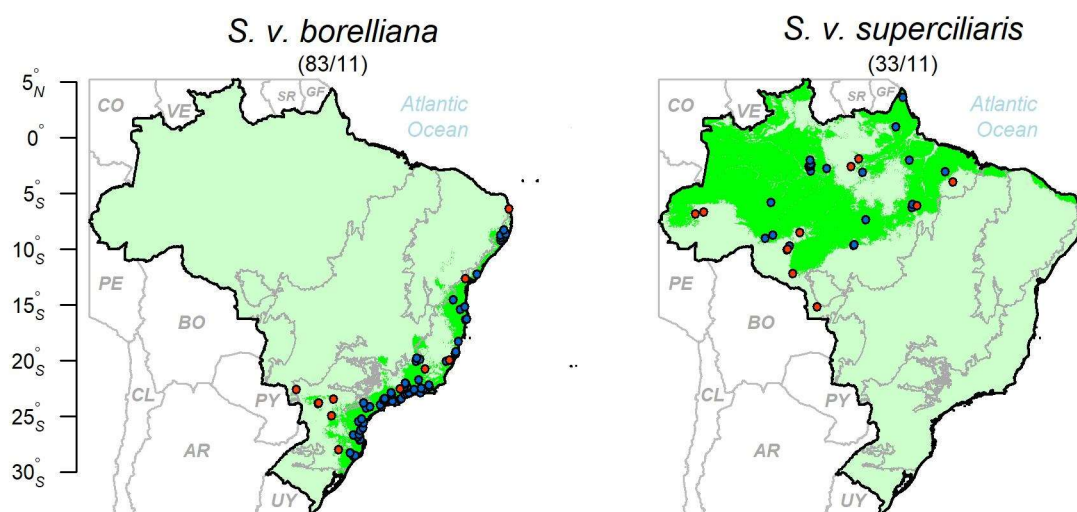


Figure F. Niche equivalency tests. Dashed vertical lines indicate the observed values relative to the frequency distributions of 100 random replicates of both measures included: *D* (lower-left half of the matrix) and *I* (upper-right half).

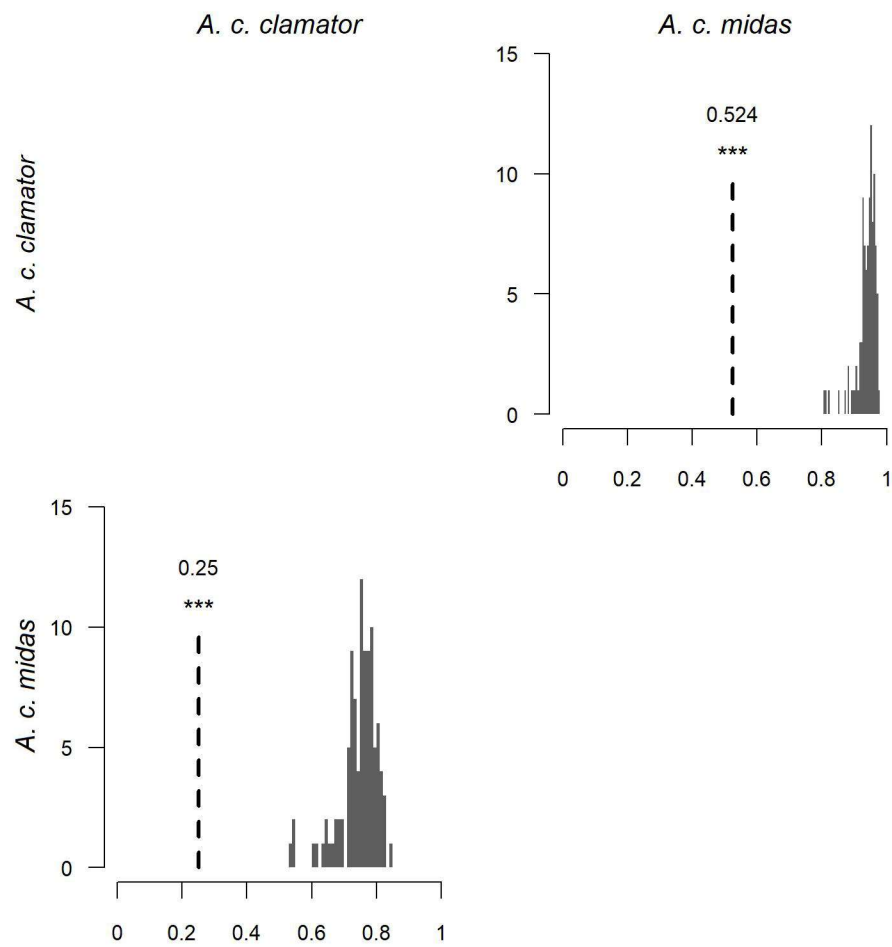


Figure F (cont.). Niche equivalency tests.

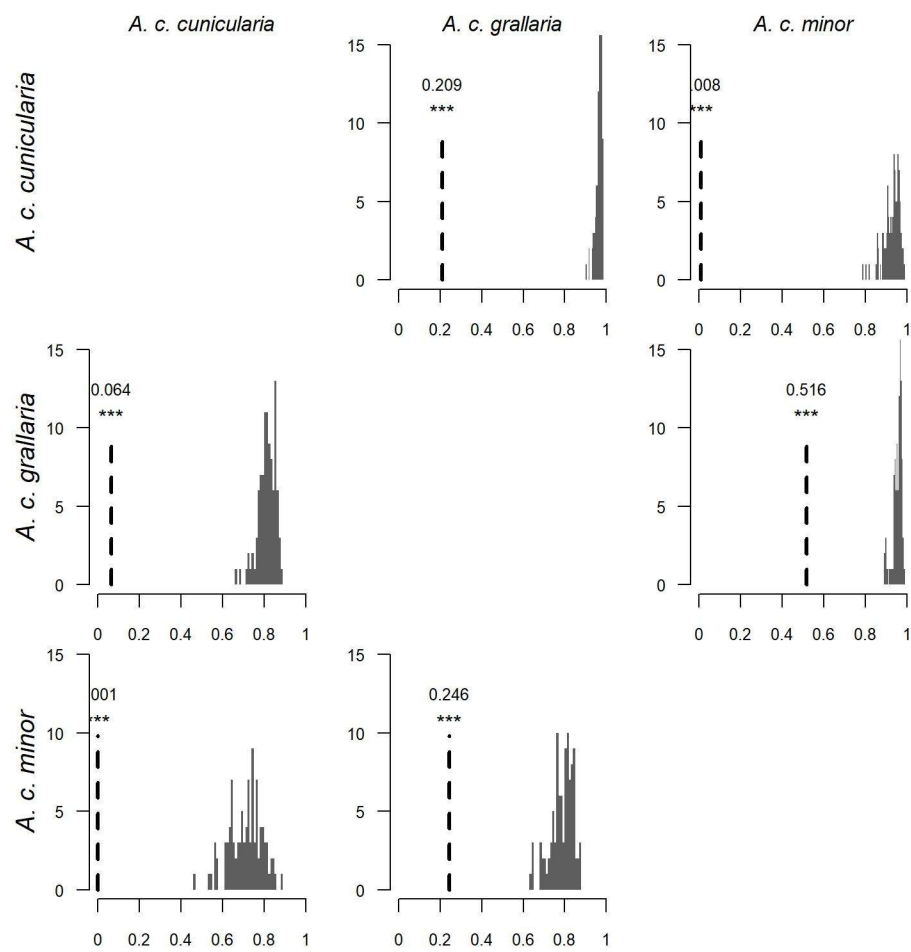


Figure F (cont.). Niche equivalency tests.

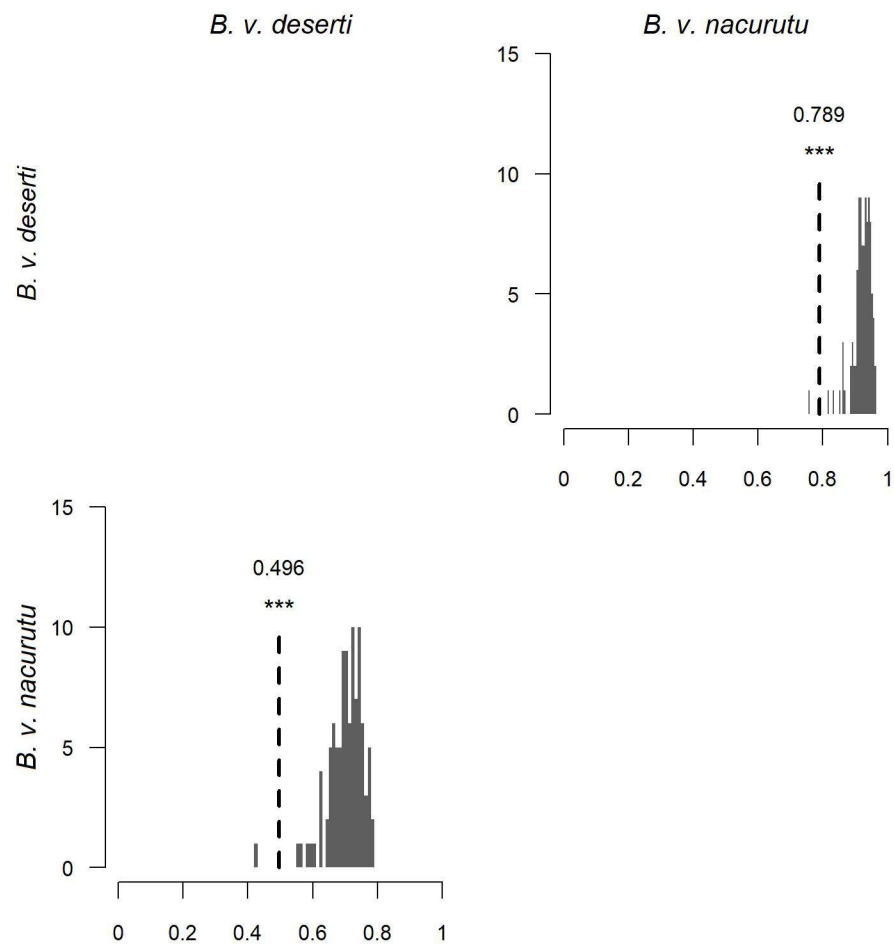


Figure F (cont.). Niche equivalency tests.

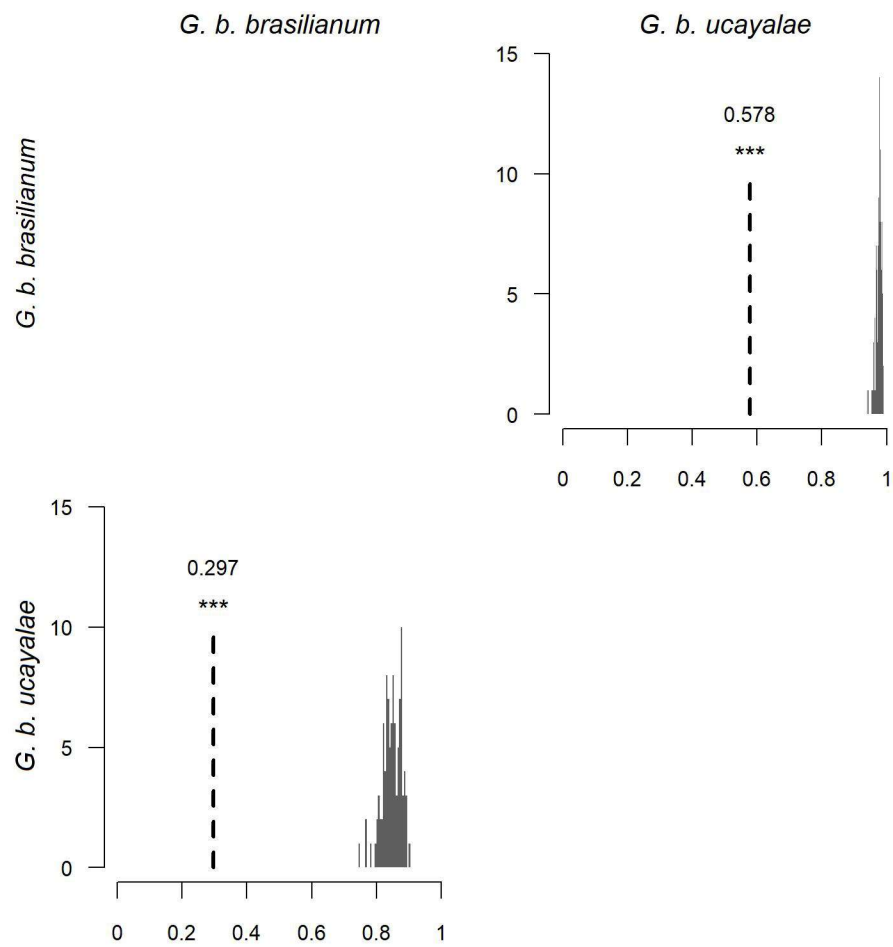


Figure F (*cont.*). Niche equivalency tests.

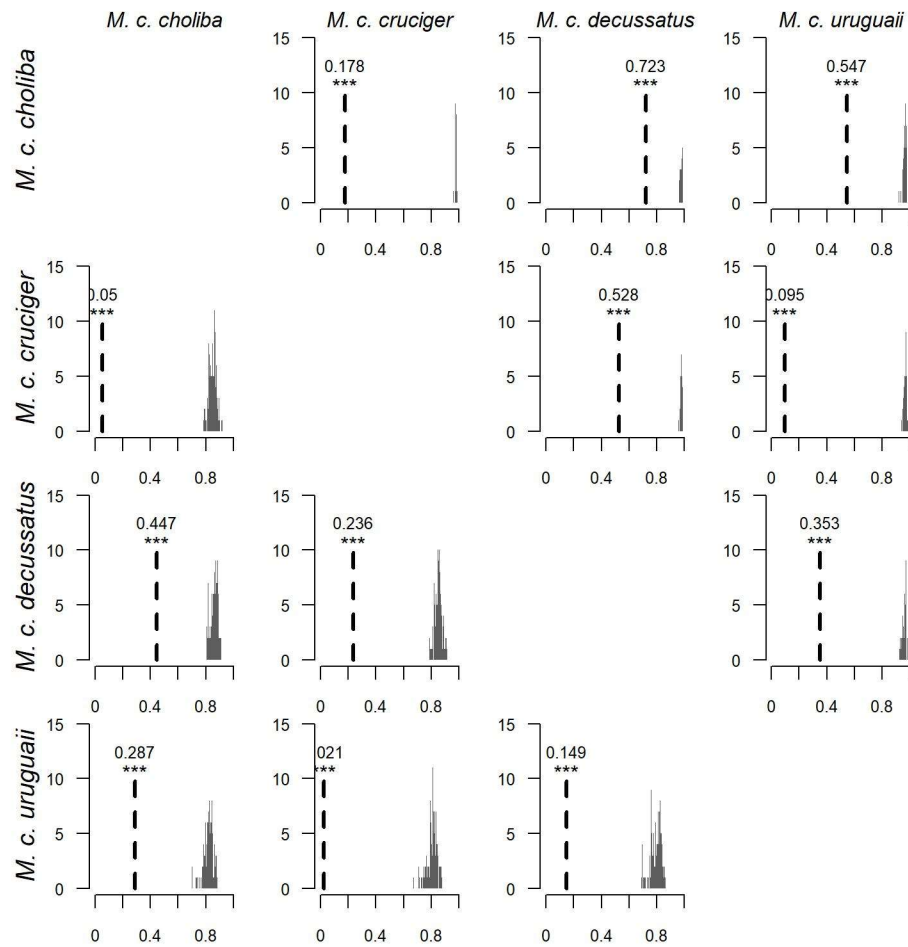


Figure F (cont.). Niche equivalency tests.

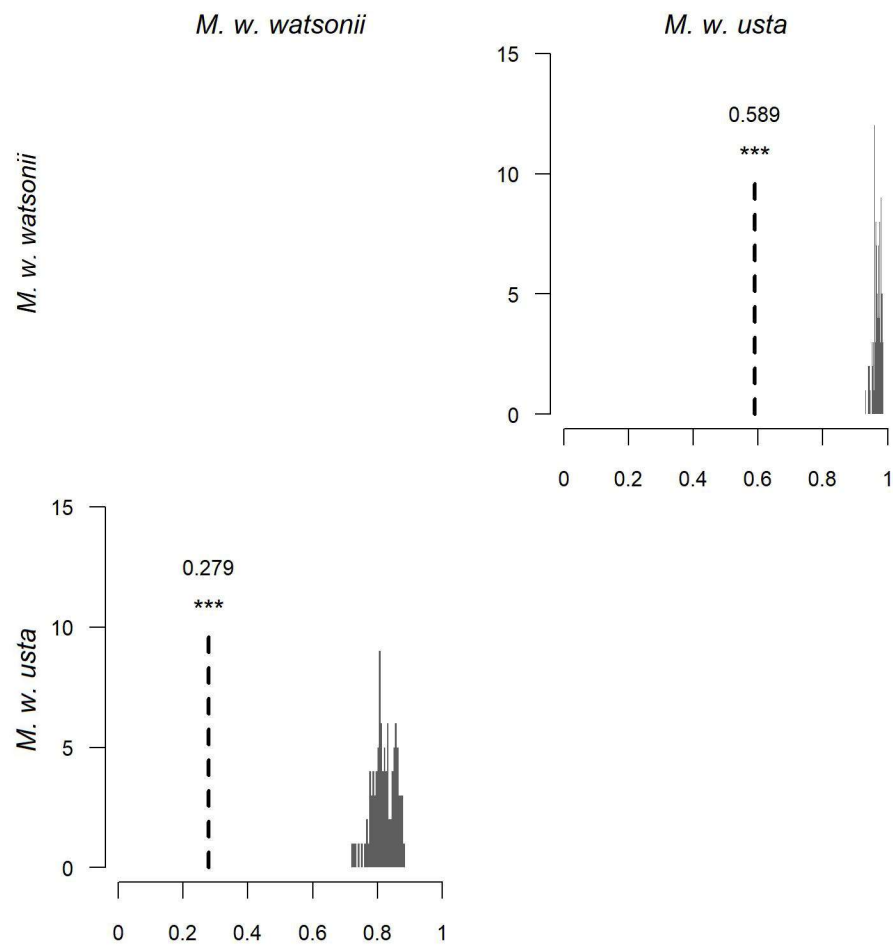


Figure F (cont.). Niche equivalency tests.

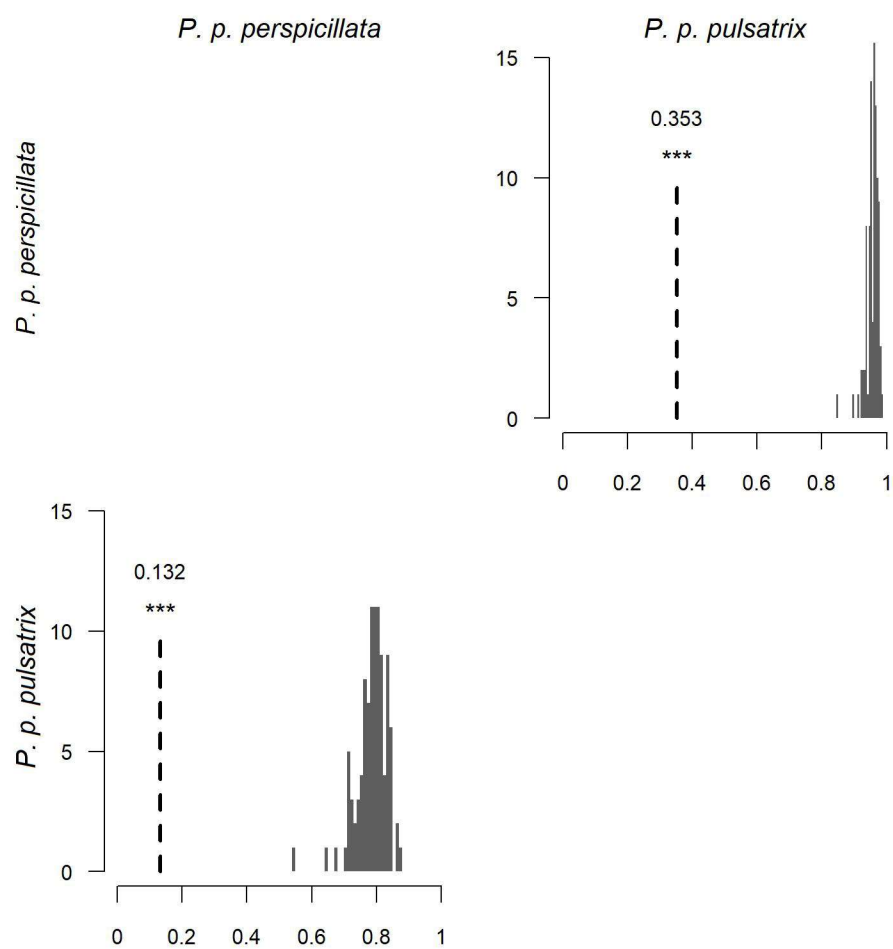


Figure F (cont.). Niche equivalency tests.

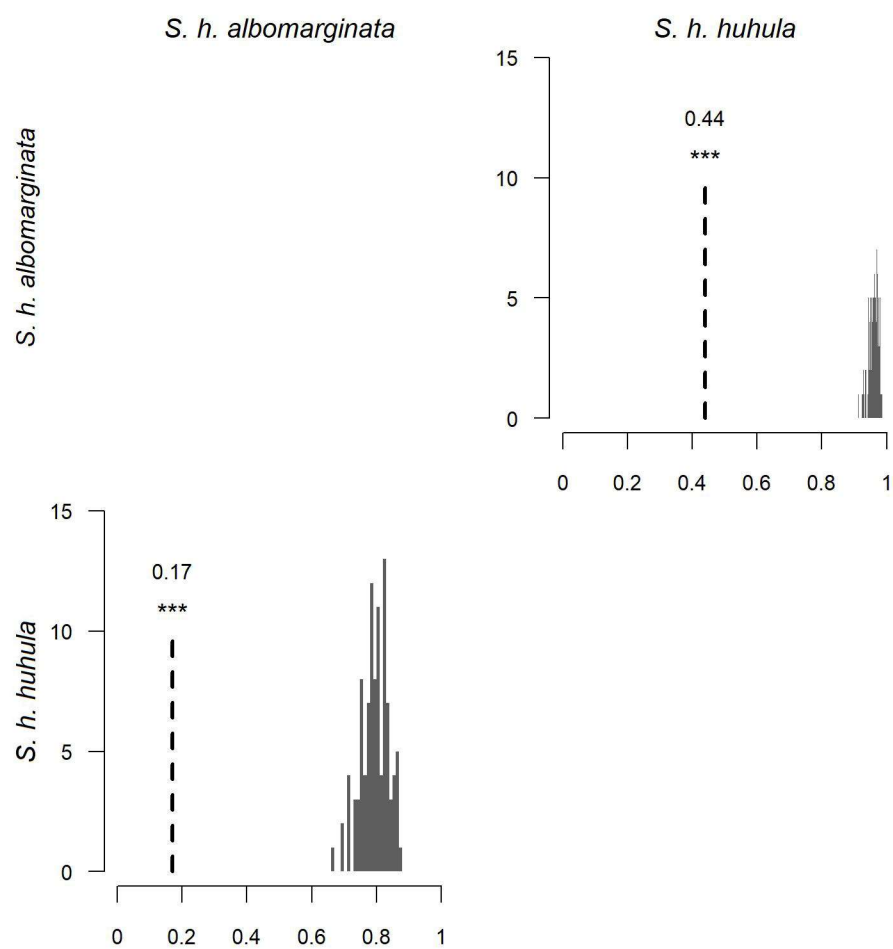


Figure F (cont.). Niche equivalency tests.

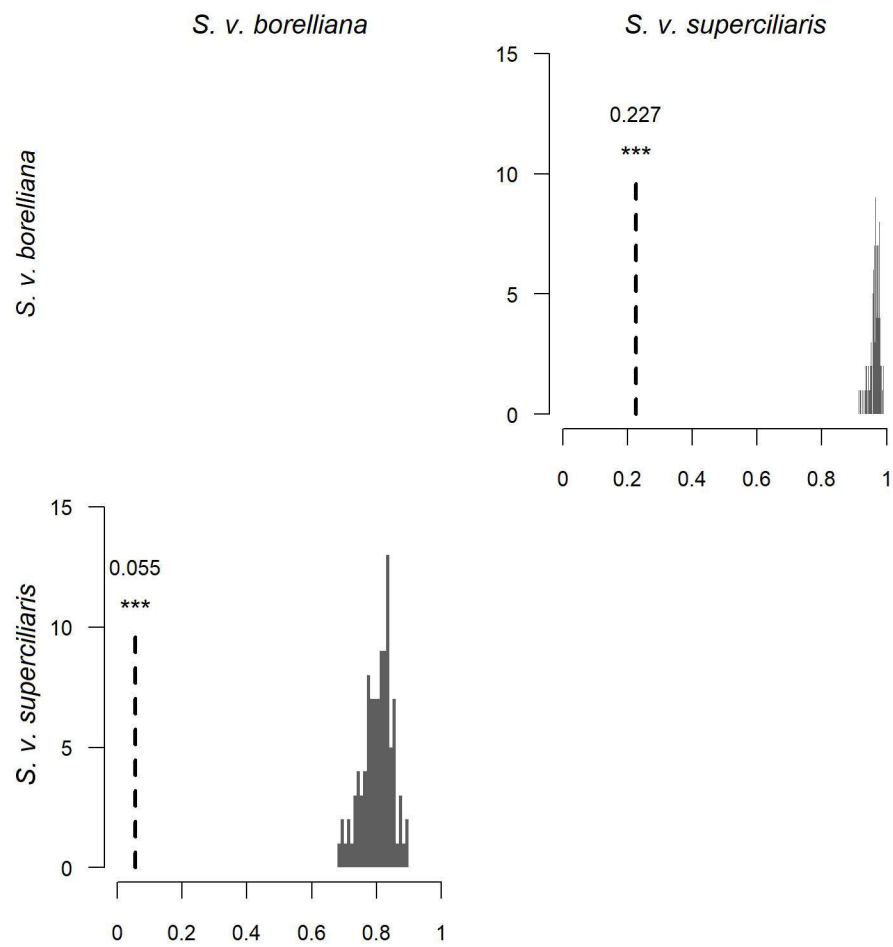


Figure G. Background similarity tests for the subspecies under study. The dashed vertical lines correspond to the observed values relative to the frequency distributions of 100 random replicates of both measures included: *D* (lower-left half) and *I* (upper-right).

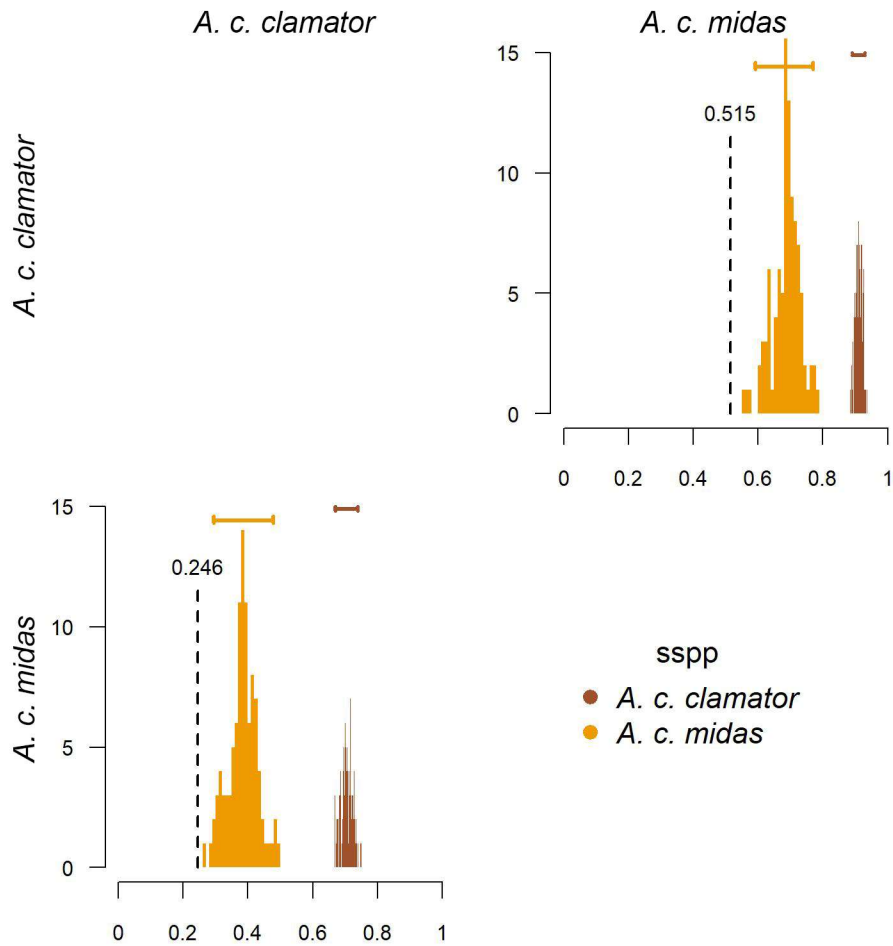


Figure G (cont.). Background similarity tests for the subspecies under study.

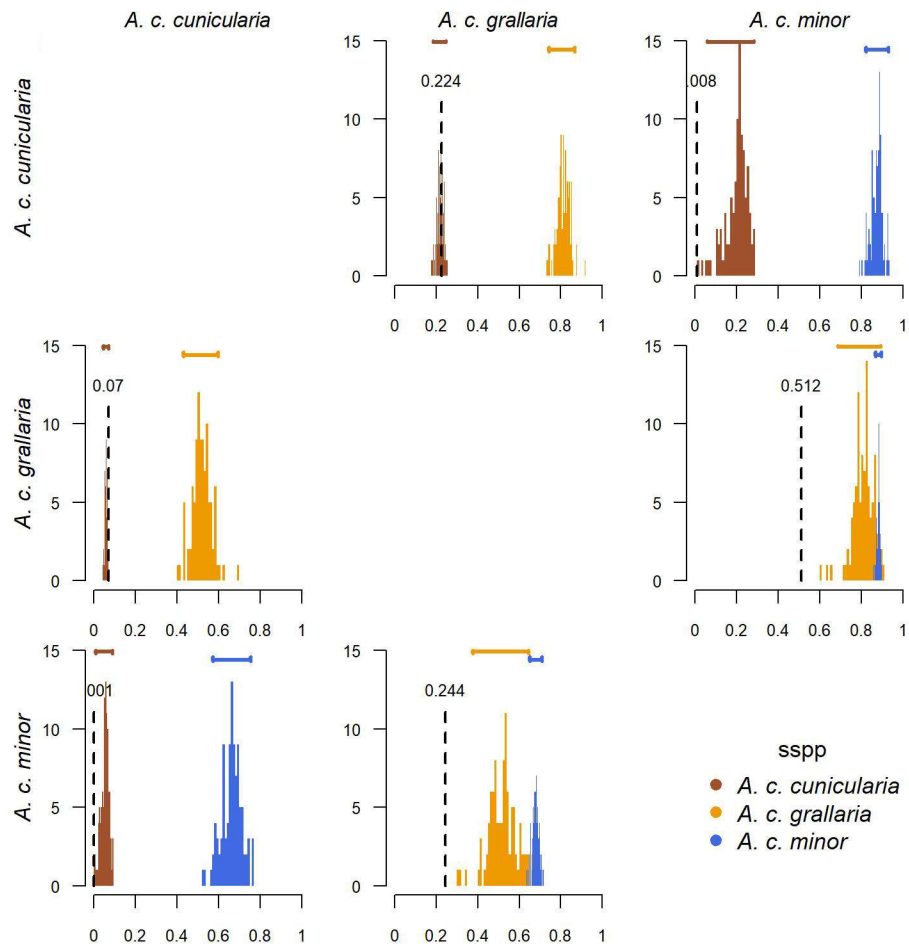


Figure G (cont.). Background similarity tests for the subspecies under study.

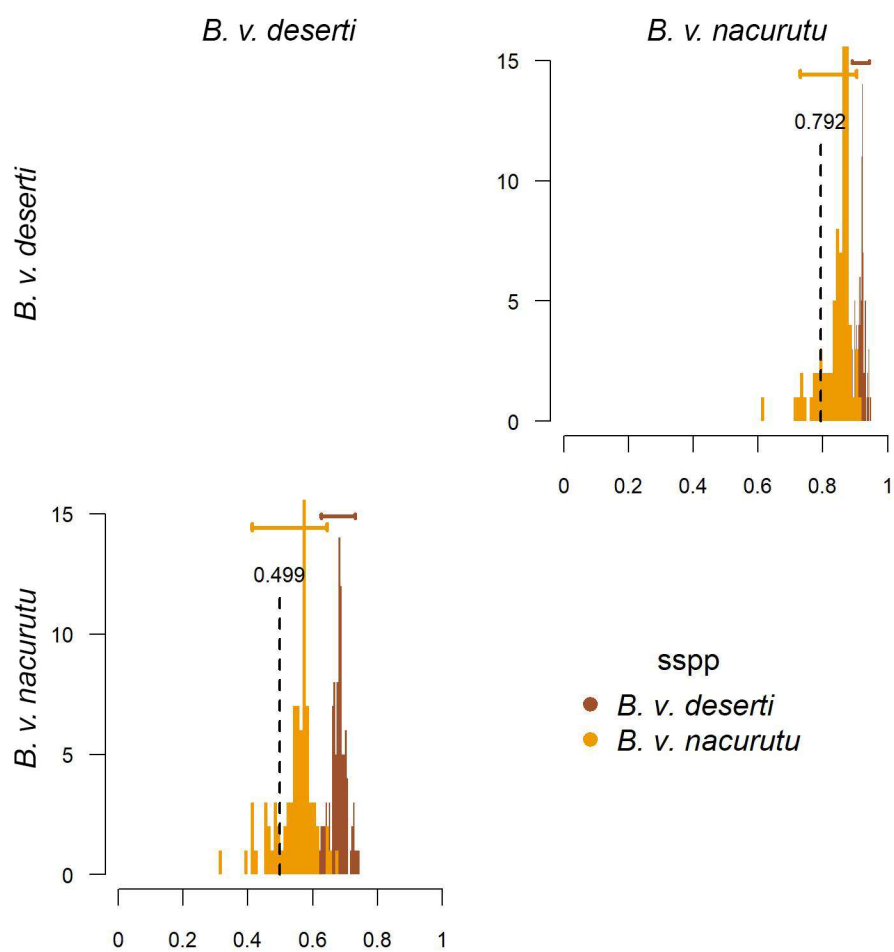


Figure G (cont.). Background similarity tests for the subspecies under study.

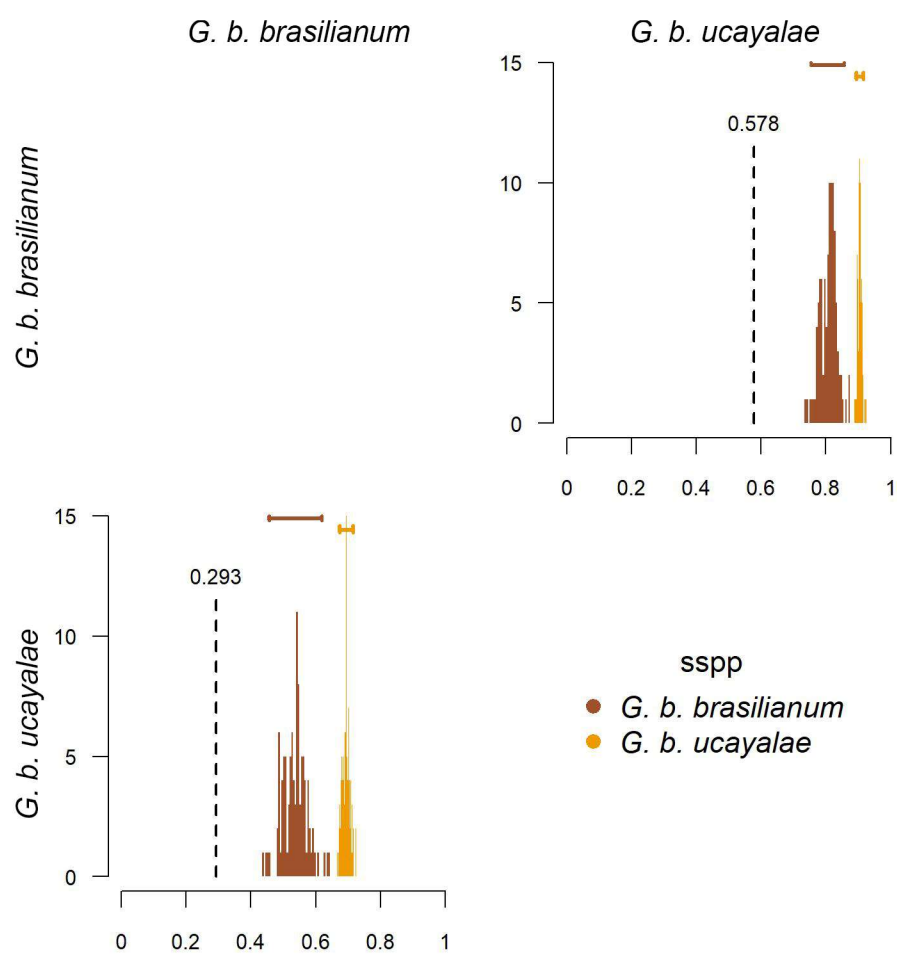


Figure G (cont.). Background similarity tests for the subspecies under study.

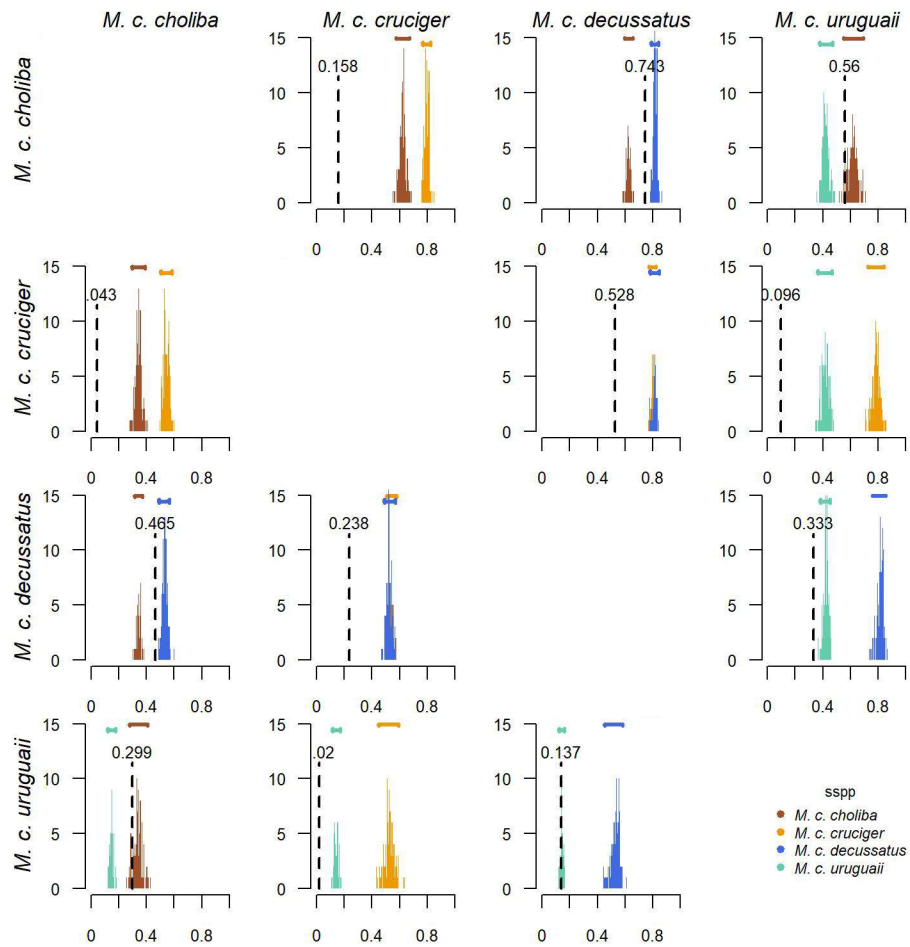


Figure G (cont.). Background similarity tests for the subspecies under study.

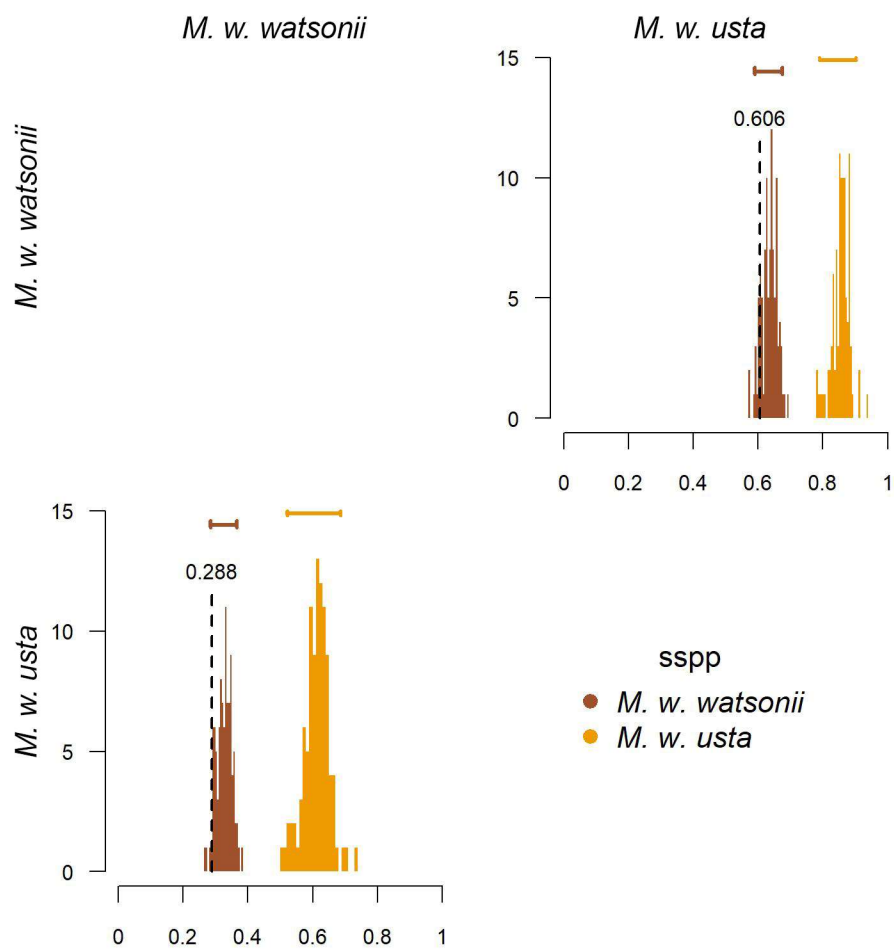


Figure G (cont.). Background similarity tests for the subspecies under study.

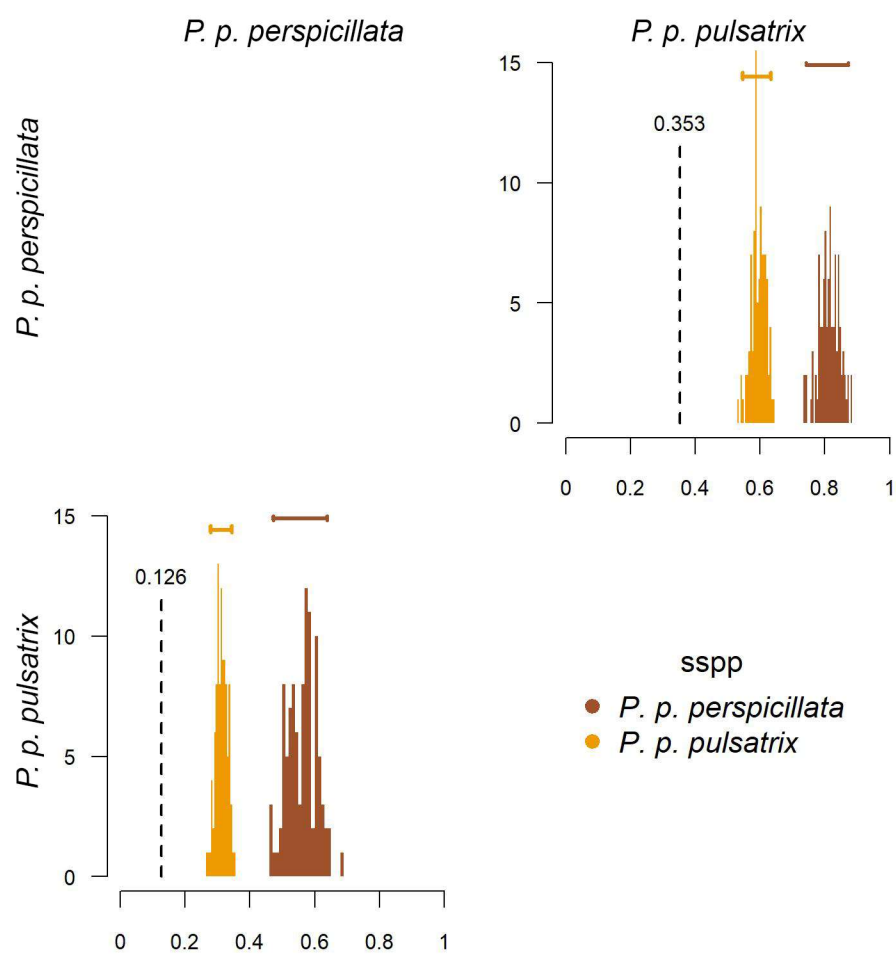


Figure G (cont.). Background similarity tests for the subspecies under study.

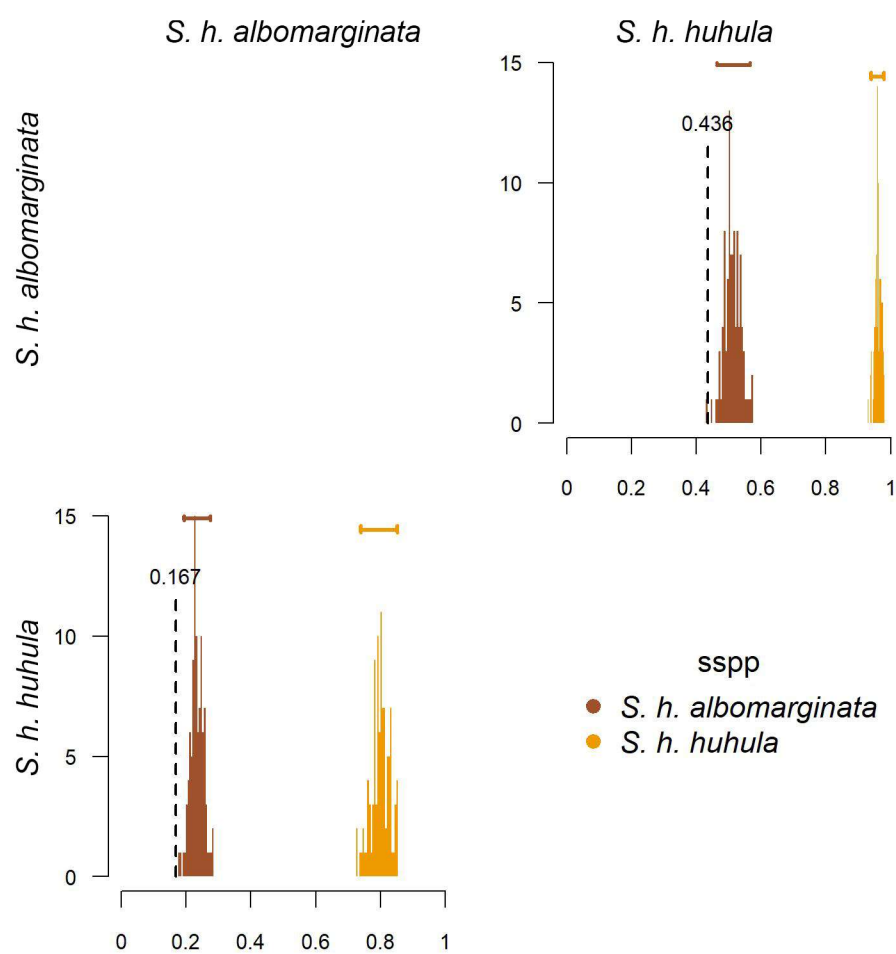
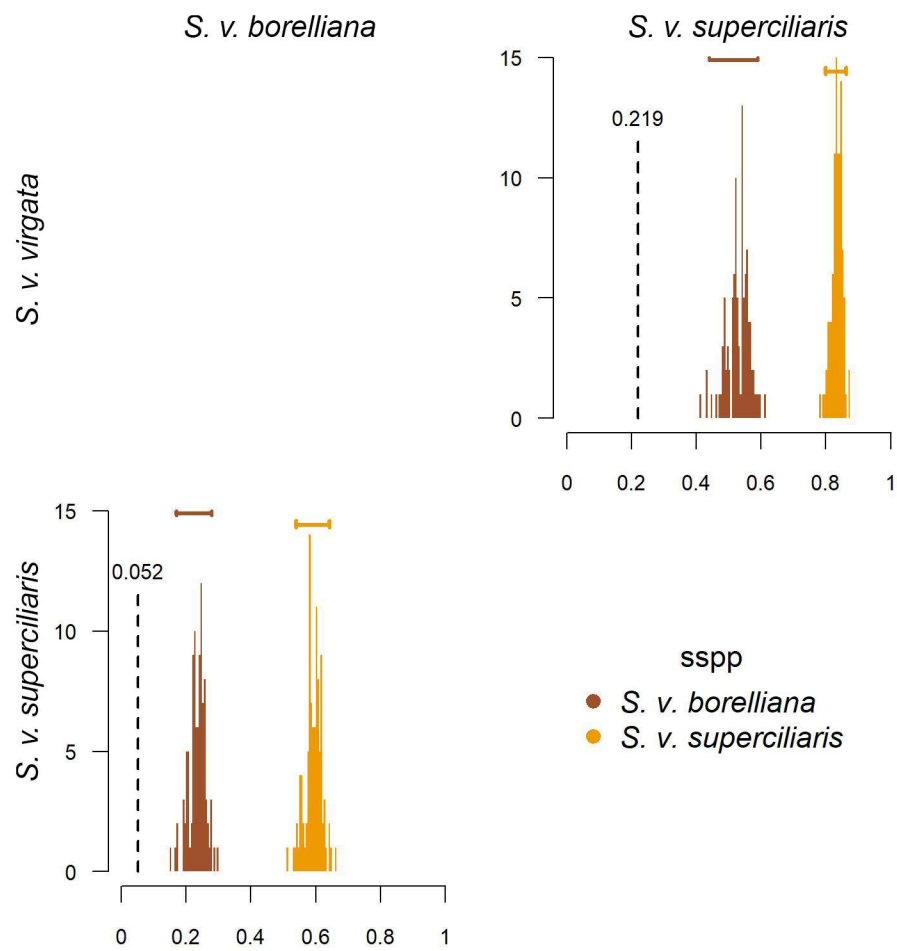


Figure G (cont.). Background similarity tests for the subspecies under study.



Appendix 2

References of the occurrences

1. Academy of Natural Sciences. ORN. Occurrence dataset <https://doi.org/10.15468/d5tdxh> accessed via GBIF.org on 2019-12-27.
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Appendix 3

Table A. Parameters of the best models (those with AICc = 0), used in further analyses. (FC) Feature Class, the mathematical transformation of the environmental covariates used in the model: (L) linear; (LQ) linear and quadratic; (LQP) linear, quadratic and product. (RM) regularization multiplier, that adds new constraints or the penalty imposed to the model. (AUC_{train}) Area under the curve on train subsample. (AUC_{test}) area under the curve of the receiver operating characteristic plot made based on the test data subset. (Var_{test}) Variance of AUC_{test}. (Δ AUCs) Average difference between training and testing AUCs. (Var_{both}) Variance of such difference. (AICc) Akaike Information criterion with correction for small sample sizes. (w.AIC) AIC weights for a set of fitted models. (Par.) Number of parameters estimated for each model. (Area) the area predicted by the model, in pixels, after thresholding the values. (Om.) Omissions, or false negatives, in the binary map.

<i>Species/subspecies</i>	FC	RM	AUC _{train}	AUC _{test}	Var _{test}	Δ AUCs	Var _{both}	AICc	w.AIC	Par.	Area	Om.
<i>Aegolius harrisii</i>	3	2	0.88	0.84	0.03	0.05	0.02	2436.5	0.55	21	1662413	16
	3	1	0.89	0.84	0.05	0.06	0.03	2441.5	0.57	24	1296566	19
	2	3	0.87	0.82	0.05	0.06	0.04	2442.4	0.87	16	1508790	17
	2	1	0.88	0.84	0.01	0.04	0.01	2446.1	0.35	22	1671997	16
	2	3	0.87	0.83	0.03	0.05	0.03	2441.5	0.59	17	1407491	17
	2	3	0.86	0.83	0.05	0.06	0.04	2432.1	0.83	17	1305783	18
	2	3	0.86	0.83	0.05	0.05	0.04	2441.0	0.55	16	1468145	18
	2	3	0.86	0.83	0.08	0.06	0.06	2439.6	0.77	16	1498005	17
	2	3	0.86	0.83	0.03	0.05	0.02	2435.4	0.68	17	1369278	18
	2	3	0.86	0.82	0.06	0.06	0.05	2444.6	0.49	18	1341778	19
<i>Asio clamator</i>	3	4	0.86	0.84	0.01	0.02	0	3951.9	0.35	17	2713537	24
	3	4	0.86	0.84	0.02	0.03	0.01	3942.8	0.84	16	1977522	33
	3	4	0.86	0.84	0.01	0.03	0.01	3949.2	0.46	16	2309229	30
	3	4	0.86	0.84	0.01	0.03	0.01	3947.7	0.29	17	1864024	34
	3	4	0.86	0.85	0.04	0.04	0.02	3947.6	0.5	18	2153569	32
	3	5	0.85	0.84	0.02	0.03	0.01	3952.8	0.41	15	1423036	42
	3	4	0.86	0.84	0.03	0.04	0.03	3951.2	0.46	18	2732071	25
	3	4	0.86	0.85	0.03	0.03	0.02	3950.1	0.58	16	1704571	37
	3	4	0.86	0.84	0.02	0.03	0.01	3946.5	0.66	16	1908074	35
	3	5	0.86	0.84	0.04	0.04	0.04	3946.4	0.51	14	1542065	40
<i>A. c. clamator</i>	2	4	0.8	0.69	0.2	0.13	0.16	602.5	0.46	6	2564453	5
	2	4	0.8	0.72	0.08	0.09	0.07	603.1	0.48	6	4628087	1
	2	4	0.81	0.73	0.14	0.09	0.14	602.4	0.64	6	2257996	5
	2	4	0.81	0.73	0.06	0.08	0.05	603.0	0.53	6	4606109	1
	2	4	0.8	0.74	0.11	0.08	0.08	603.1	0.53	6	4611412	1
	2	4	0.81	0.73	0.08	0.09	0.06	602.9	0.61	6	2329925	5
	2	4	0.81	0.72	0.06	0.09	0.06	603.3	0.62	6	2375001	5
	2	4	0.81	0.71	0.13	0.11	0.11	602.3	0.6	6	4586479	1
	2	4	0.81	0.75	0.17	0.08	0.16	603.0	0.48	6	4571455	1
	2	4	0.79	0.74	0.1	0.08	0.07	598.8	0.89	5	4542597	1
<i>A. c. midas</i>	2	4	0.93	0.92	0.01	0.02	0.01	3871.8	0.35	12	1512969	23
	3	5	0.92	0.91	0.01	0.02	0	3874.4	0.35	12	1276418	25
	2	3	0.93	0.92	0.01	0.02	0.01	3869.4	0.54	16	2442549	9

<i>Species/subspecies</i>	FC	RM	AUC _{train}	AUC _{test}	Var _{test}	ΔAUCs	Var _{both}	AICc	w.AIC	Par.	Area	Om.
<i>A. c. midas</i> (cont.)	3	5	0.92	0.92	0	0.01	0	3876.5	0.32	12	1162867	27
	3	5	0.93	0.92	0.01	0.02	0.01	3867.9	0.69	11	1863221	18
	3	4	0.93	0.92	0.02	0.03	0.01	3874.8	0.54	15	1954330	16
	3	4	0.92	0.91	0.02	0.02	0.01	3878.2	0.31	14	1310189	25
	2	4	0.93	0.92	0	0.01	0	3870.8	0.46	14	1455337	23
	2	4	0.93	0.92	0.02	0.02	0.01	3874.4	0.35	15	1111679	27
	3	1	0.94	0.92	0.01	0.02	0.01	3874.9	0.37	26	2272188	7
<i>Asio flammeus</i>	2	3	0.93	0.92	0.02	0.03	0.01	1066.1	0.35	9	1377046	4
	2	4	0.92	0.9	0.02	0.03	0.01	1068.4	0.42	7	1744268	3
	2	4	0.91	0.9	0.01	0.02	0.01	1068.3	0.52	6	1825072	3
	2	3	0.93	0.92	0.01	0.02	0.01	1065.8	0.45	9	1616988	4
	2	2	0.94	0.91	0.02	0.03	0.02	1066.9	0.61	12	1170253	3
	2	4	0.92	0.91	0.03	0.03	0.02	1066.8	0.65	6	1831402	3
	2	4	0.92	0.91	0.01	0.02	0.01	1066.1	0.76	6	1670364	3
	2	4	0.92	0.91	0.01	0.02	0.01	1065.0	0.46	6	1753215	3
	2	2	0.94	0.92	0.01	0.03	0.01	1069.2	0.39	12	1069937	3
	2	2	0.94	0.92	0	0.03	0	1066.9	0.71	12	1074023	3
<i>Asio stygius</i>	3	3	0.86	0.81	0.09	0.07	0.08	1903.8	0.79	16	2247793	10
	3	2	0.86	0.82	0.03	0.05	0.02	1898.2	0.53	16	2089377	11
	2	3	0.86	0.8	0.05	0.07	0.04	1904.9	0.39	16	1600209	15
	2	1	0.89	0.84	0.03	0.05	0.03	1905.2	0.39	23	1675023	13
	3	3	0.86	0.81	0.04	0.07	0.03	1905.0	0.5	16	2306561	10
	3	3	0.86	0.82	0.04	0.06	0.03	1896.1	0.49	14	2161457	10
	2	1	0.89	0.83	0.03	0.06	0.03	1912.1	0.68	22	1359587	15
	2	1	0.88	0.84	0.09	0.07	0.07	1905.4	0.45	23	1716472	12
	3	3	0.86	0.81	0.05	0.06	0.04	1898.7	0.87	14	2258712	10
	3	3	0.87	0.83	0.02	0.05	0.02	1902.2	0.42	16	2249404	11
<i>Athene cunicularia</i>	2	1	0.83	0.81	0.01	0.02	0.01	9065.6	0.55	35	2796608	66
	2	3	0.83	0.82	0.01	0.02	0.01	9063.1	0.64	25	2842751	68
	2	3	0.83	0.82	0.01	0.02	0.01	9051.6	0.81	22	2592100	75
	2	3	0.82	0.81	0.01	0.02	0.01	9061.3	0.54	27	2100667	89
	2	3	0.82	0.81	0.01	0.02	0.01	9064.6	0.57	24	2942742	65
	2	2	0.82	0.81	0	0.02	0	9053.8	0.59	29	2672277	70
	2	2	0.82	0.81	0.01	0.02	0.01	9067.1	0.73	28	2729863	69
	2	3	0.82	0.81	0.02	0.03	0.01	9060.2	0.69	24	2815302	69
	2	2	0.82	0.81	0.02	0.03	0.01	9065.9	0.49	31	2526745	76
	3	4	0.82	0.81	0.02	0.02	0	9068.4	0.33	21	2869295	67
<i>A. c. minor</i>	2	5	0.69	0.67	0.1	0.05	0.05	539.6	0.47	1	6801840	0
	2	5	0.68	0.68	0.12	0.06	0.04	539.6	0.67	1	6833868	0
	2	5	0.69	0.66	0.21	0.08	0.13	539.6	0.52	1	6793677	0
	2	5	0.68	0.69	0.11	0.04	0.04	539.7	0.47	1	6811249	0
	2	5	0.68	0.68	0.17	0.06	0.08	539.7	0.52	1	6815729	0
	2	5	0.69	0.69	0.14	0.04	0.04	539.7	0.59	1	6844727	0
	2	5	0.68	0.68	0.03	0.03	0.01	539.8	0.69	1	6877704	0
	2	5	0.68	0.67	0.12	0.06	0.06	539.7	0.55	1	6857610	0

Species/subspecies	FC	RM	AUC_{train}	AUC_{test}	Var_{test}	ΔAUCs	Var_{both}	AICc	w.AIC	Par.	Area	Om.
<i>A. c. minor</i> (cont.)	2	5	0.68	0.66	0.07	0.05	0.04	539.8	0.72	1	6859587	0
	2	5	0.68	0.68	0.12	0.05	0.08	539.7	0.67	1	6794034	0
<i>A. c. cunicularia</i>	2	5	0.99	0.99	0	0	0	589.9	0.38	3	350688	0
	2	4	0.99	0.99	0	0	0	592.1	0.44	3	323665	0
	2	4	0.99	0.99	0	0	0	588	0.34	4	337632	0
	2	5	0.99	0.99	0	0	0	587.4	0.51	2	340772	0
	3	4	0.99	0.99	0	0	0	592.3	0.23	4	334563	0
	2	4	0.99	0.99	0	0	0	593	0.41	5	337626	0
	2	5	0.99	0.99	0	0	0	589.1	0.6	3	338501	0
	2	4	0.99	0.99	0	0	0	589.5	0.43	4	340441	0
	2	5	0.99	0.99	0	0	0	586.9	0.56	2	339145	0
	2	4	0.99	0.99	0	0	0	586.6	0.31	4	340088	0
<i>A. cunicularia grallaria</i>	2	3	0.85	0.84	0.01	0.02	0	7716.8	0.5	27	2822023	45
	2	2	0.85	0.84	0.01	0.02	0	7717.4	0.81	27	2811803	47
	2	4	0.85	0.84	0.01	0.02	0	7717.9	0.47	19	2770807	45
	2	3	0.85	0.84	0.01	0.02	0.01	7722.6	0.84	23	2748068	47
	2	2	0.85	0.84	0.01	0.03	0.01	7716	0.9	30	2688749	49
	2	2	0.85	0.84	0.01	0.02	0	7708.5	0.96	26	2731745	48
	2	2	0.85	0.84	0.02	0.03	0.01	7719.4	0.89	27	2844333	46
	2	2	0.85	0.84	0	0.02	0	7715.7	0.98	28	3085978	40
	2	2	0.85	0.84	0	0.02	0	7713.8	0.85	28	2642518	51
	2	4	0.85	0.84	0.02	0.02	0.01	7718	0.87	16	2815642	46
<i>Bubo virginianus</i>	3	3	0.86	0.84	0.02	0.04	0.01	2750.8	0.56	15	1437420	28
	3	4	0.85	0.84	0.07	0.05	0.04	2754.4	0.42	12	3269511	12
	3	3	0.86	0.84	0.02	0.04	0.01	2750.5	0.7	15	1368834	28
	3	5	0.85	0.84	0.04	0.04	0.01	2753.7	0.31	11	3407390	11
	1	5	0.85	0.84	0.01	0.02	0	2756.9	0.19	12	3268285	12
	3	4	0.86	0.84	0.03	0.04	0.02	2752.6	0.31	12	3288081	12
	2	4	0.86	0.85	0.03	0.03	0.01	2754	0.3	12	1506297	28
	1	5	0.85	0.84	0.01	0.02	0	2754.1	0.25	10	4255279	4
	1	5	0.85	0.84	0.03	0.03	0.02	2751.2	0.39	9	3518819	10
	3	5	0.85	0.84	0.08	0.04	0.07	2752.8	0.35	11	1502062	28
<i>B. v. deserti</i>	3	2	0.91	0.65	0.69	0.27	0.56	278.7	0.46	3	762401	1
	3	2	0.91	0.65	0.69	0.27	0.56	278.5	0.54	3	762401	1
	3	2	0.91	0.65	0.7	0.27	0.57	278.5	0.5	3	762401	1
	3	2	0.91	0.65	0.69	0.27	0.57	279.1	0.47	3	762401	1
	3	2	0.91	0.65	0.69	0.27	0.57	278.9	0.48	3	762401	1
	3	2	0.91	0.65	0.7	0.27	0.57	279.3	0.42	3	762401	1
	3	2	0.91	0.65	0.69	0.27	0.57	278.7	0.47	3	762401	1
	3	2	0.91	0.65	0.69	0.27	0.56	279.7	0.36	3	762401	1
	3	2	0.91	0.65	0.7	0.27	0.57	279.1	0.48	3	762401	1
	3	2	0.91	0.65	0.7	0.27	0.57	278.3	0.51	3	671440	10
<i>B. v. nacurutu</i>	3	4	0.87	0.86	0.03	0.03	0.01	2454.1	0.22	13	2949251	9
	3	5	0.87	0.86	0.01	0.02	0	2452.1	0.25	9	2832719	9
	3	5	0.87	0.87	0.01	0.02	0	2450.5	0.45	10	2785506	10

<i>Species/subspecies</i>	FC	RM	AUC _{train}	AUC _{test}	Var _{test}	ΔAUCs	Var _{both}	AICc	w.AIC	Par.	Area	Om.
<i>B. v. nacurutu</i> (cont.)	2	5	0.87	0.86	0.07	0.04	0.03	2450.6	0.4	9	2891715	10
	3	5	0.87	0.86	0.02	0.02	0.01	2451.8	0.37	10	2776061	10
	3	5	0.87	0.87	0.03	0.03	0.01	2452.6	0.65	10	2763147	10
	3	5	0.87	0.86	0.03	0.03	0.01	2450.7	0.47	10	2863556	10
	3	5	0.87	0.87	0.03	0.03	0.01	2446.2	0.8	8	3025806	9
	3	5	0.87	0.86	0.02	0.02	0.01	2448.3	0.51	9	2940498	9
	3	5	0.87	0.87	0.03	0.03	0.01	2446.2	0.61	8	2807305	10
<i>Glaucidium brasilianum</i>	2	2	0.77	0.76	0.01	0.02	0.01	11367	0.7	27	4303726	53
	2	1	0.77	0.75	0.02	0.03	0.01	11372	0.61	34	4400574	50
	2	3	0.77	0.76	0.01	0.02	0.01	11388	0.55	22	4340912	56
	2	2	0.77	0.76	0.01	0.02	0.01	11360	0.83	29	4612645	47
	3	2	0.77	0.76	0.01	0.02	0	11360	0.93	27	4563227	46
	3	3	0.77	0.75	0.01	0.02	0.01	11365	0.92	24	4096504	64
	2	2	0.77	0.76	0.02	0.03	0.01	11365	0.57	28	4553205	49
	3	3	0.77	0.76	0.02	0.03	0.01	11367	0.52	23	4164848	63
	2	2	0.77	0.76	0	0.02	0	11359	0.98	25	3780702	77
	3	2	0.77	0.76	0.01	0.02	0.01	11371	0.36	28	3997755	68
<i>G. b. brasilianum</i>	2	3	0.82	0.81	0.01	0.02	0.01	9959.9	0.88	24	4274333	26
	2	1	0.82	0.8	0	0.02	0	9954.4	0.7	32	4372327	18
	3	4	0.81	0.8	0.01	0.02	0	9957.4	0.51	19	3919154	38
	2	2	0.82	0.81	0.01	0.02	0.01	9967.7	0.54	26	4091003	28
	3	2	0.82	0.81	0.01	0.02	0	9957.5	0.47	32	4123538	27
	2	2	0.82	0.81	0.01	0.02	0	9961	0.46	32	4003918	31
	3	4	0.82	0.81	0.01	0.02	0.01	9957.6	0.67	22	4304190	28
	3	2	0.82	0.8	0.01	0.02	0.01	9955	0.39	30	4308177	25
	2	3	0.82	0.81	0.01	0.02	0	9979.1	0.74	26	4180285	27
	3	2	0.82	0.8	0	0.02	0	9954.7	0.38	30	3921702	34
<i>G. b. ucayalae</i>	2	5	0.77	0.74	0.13	0.07	0.08	1266.8	0.27	6	3250338	10
	2	5	0.77	0.74	0.08	0.06	0.05	1266.5	0.27	6	3491965	9
	3	2	0.8	0.75	0.17	0.08	0.13	1264.4	0.49	10	3292359	7
	3	2	0.8	0.75	0.06	0.07	0.03	1264.3	0.52	10	1767776	13
	3	2	0.81	0.76	0.04	0.06	0.02	1260.9	0.56	9	1826090	13
	3	1	0.81	0.75	0.14	0.08	0.14	1266.3	0.23	12	3754528	5
	2	1	0.84	0.78	0.08	0.08	0.04	1266.6	0.29	13	3748793	5
	3	2	0.81	0.75	0.04	0.07	0.03	1264.4	0.4	10	1627507	14
	3	1	0.82	0.74	0.16	0.1	0.15	1265.9	0.24	12	3327289	6
	2	1	0.84	0.78	0.03	0.07	0.03	1265.9	0.25	13	2801573	8
<i>Glaucidium hardyi</i>	3	1	0.86	0.83	0.01	0.04	0.01	2230.1	0.94	16	2145942	14
	3	1	0.86	0.83	0.03	0.05	0.02	2230.8	0.97	16	2261353	12
	3	1	0.87	0.82	0.02	0.05	0.02	2223.7	0.98	14	2111278	14
	3	2	0.85	0.82	0.03	0.05	0.02	2232.9	0.45	12	3216137	9
	3	1	0.87	0.84	0.01	0.04	0	2223.2	0.99	14	2138003	12
	3	1	0.87	0.83	0.01	0.04	0.01	2226.4	0.75	15	2173373	12
	3	1	0.87	0.84	0.02	0.04	0.01	2222.7	0.99	14	2336079	12
	3	1	0.87	0.84	0.03	0.04	0.02	2227.3	0.99	15	2058538	15

<i>Species/subspecies</i>	FC	RM	AUC _{train}	AUC _{test}	Var _{test}	ΔAUCs	Var _{both}	AICc	w.AIC	Par.	Area	Om.
<i>Glaucidium hardyi</i> (cont.)	3	1	0.87	0.83	0.04	0.05	0.02	2230.8	0.64	16	2152510	12
	3	1	0.86	0.83	0.02	0.04	0.01	2229.3	0.93	16	2454875	12
<i>Glaucidium minutissimum</i>	2	1	0.98	0.97	0	0.01	0	2300.4	0.96	15	676910	6
	2	1	0.98	0.97	0	0.01	0	2296.1	0.62	16	659518	6
	3	1	0.98	0.97	0	0.01	0	2302.8	0.50	17	754575	5
	3	1	0.98	0.97	0	0.01	0	2303.4	0.95	17	715645	7
	3	2	0.97	0.97	0	0.01	0	2313.7	0.43	15	851485	6
	3	1	0.98	0.97	0	0.01	0	2297.8	0.54	16	748078	5
	3	2	0.98	0.97	0	0.01	0	2311.7	0.58	14	975102	4
	3	1	0.98	0.97	0	0.01	0	2297.4	0.56	16	740110	5
	3	1	0.98	0.97	0	0.01	0	2303.8	0.94	17	772006	5
	2	1	0.98	0.97	0	0.01	0	2302	0.63	15	781788	5
<i>Glaucidium mooreorum</i>	2	3	1	1	0	0	0	196.3	0.43	5	2445	0
	2	4	1	1	0	0	0	179.4	0.84	3	5052	0
	3	5	1	1	0	0	0	188.8	0.64	4	4128	0
	2	5	1	1	0	0	0	189.2	0.53	3	4289	0
	1	5	1	1	0	0	0	202.4	0.98	5	12024	0
	3	5	1	1	0	0	0	185.9	0.89	4	3302	0
	2	5	1	1	0	0	0	180.1	0.60	4	4581	0
	1	5	1	1	0	0	0	192.0	0.98	4	10663	0
	3	5	1	1	0	0	0	188.7	1.00	4	3894	0
	1	5	1	1	0	0	0	195.0	0.98	4	11756	0
<i>Lophotrix cristata</i>	3	5	0.81	0.79	0.01	0.03	0.01	1771.3	0.45	4	5232259	0
	3	4	0.82	0.79	0.05	0.05	0.03	1772.6	0.24	6	3604492	9
	3	5	0.81	0.79	0.01	0.03	0.01	1770.3	0.36	4	2796165	13
	3	4	0.81	0.8	0.01	0.02	0.01	1770.8	0.35	5	3639049	9
	3	5	0.81	0.8	0.02	0.03	0.01	1770.6	0.46	4	2797869	13
	3	5	0.81	0.79	0.03	0.03	0.03	1771.1	0.31	4	3760256	8
	3	5	0.81	0.79	0.01	0.03	0.01	1770.5	0.36	4	2710973	14
	3	5	0.81	0.79	0.05	0.04	0.02	1771.0	0.30	4	3742440	8
	3	5	0.81	0.79	0.02	0.04	0.01	1771.1	0.24	4	5244741	0
	3	4	0.81	0.8	0.04	0.04	0.02	1773.0	0.22	6	3614170	9
<i>Megascops atricapilla</i>	2	1	0.97	0.95	0.01	0.02	0.01	2680.3	0.74	23	906390	8
	2	1	0.96	0.96	0	0.01	0	2677	0.5	23	998372	6
	3	2	0.96	0.95	0	0.01	0	2684.9	0.64	18	996042	7
	2	1	0.97	0.95	0	0.02	0	2673.4	0.98	23	1041708	6
	2	1	0.97	0.95	0	0.01	0	2679.2	0.95	25	983711	6
	3	2	0.96	0.95	0	0.01	0	2673.7	0.98	16	963150	7
	3	3	0.96	0.95	0	0.01	0	2678.1	0.37	14	1113656	7
	2	1	0.97	0.96	0	0.01	0	2673.2	0.95	23	1089936	6
	2	1	0.97	0.95	0	0.01	0	2676.1	0.71	25	1122441	6
	2	1	0.96	0.95	0.01	0.02	0.01	2676.4	0.7	25	1000293	8
<i>Megascops choliba</i>	3	3	0.78	0.77	0.01	0.02	0.01	13229	0.99	25	3366223	106
	3	2	0.78	0.77	0.01	0.02	0.01	13243	0.53	33	3495900	96
	3	2	0.79	0.77	0.01	0.02	0.01	13230	0.85	31	2420713	146

<i>Species/subspecies</i>	FC	RM	AUC _{train}	AUC _{test}	Var _{test}	ΔAUCs	Var _{both}	AICc	w.AIC	Par.	Area	Om.
<i>Megascops choliba</i> (cont.)	3	4	0.78	0.77	0.01	0.02	0.00	13237	0.89	23	2655050	136
	3	2	0.78	0.77	0.02	0.03	0.01	13235	0.59	33	2694300	132
	3	4	0.78	0.77	0.01	0.03	0.00	13230	0.49	24	2739365	133
	3	2	0.78	0.77	0.03	0.03	0.02	13244	0.85	32	1847055	167
	3	2	0.78	0.77	0.02	0.03	0.01	13237	0.86	32	1982008	164
	3	2	0.78	0.76	0.02	0.03	0.01	13243	0.60	34	2793623	127
	3	3	0.78	0.77	0.01	0.02	0.01	13235	0.80	28	2216211	154
<i>M. ch. choliba</i>	2	3	0.93	0.92	0.01	0.02	0.01	3368.2	0.40	17	1521838	15
	3	2	0.93	0.92	0	0.02	0	3370.1	0.62	22	1686958	12
	2	3	0.93	0.92	0	0.01	0	3369.4	0.38	18	2927565	0
	3	2	0.93	0.92	0.01	0.02	0	3369	0.62	21	2208480	6
	2	2	0.93	0.92	0.01	0.02	0.01	3366.8	0.59	21	2410023	5
	2	2	0.93	0.92	0.01	0.02	0.01	3371.6	0.42	21	2956281	0
	3	3	0.93	0.92	0.01	0.02	0	3367.8	0.5	19	1418836	16
	3	4	0.93	0.92	0.01	0.02	0	3368.1	0.58	16	1493568	14
	3	2	0.93	0.92	0.01	0.02	0	3370.1	0.43	22	1463036	15
	2	3	0.93	0.92	0.01	0.02	0.01	3365.5	0.68	18	1567646	14
<i>M. ch. cruciger</i>	3	3	0.82	0.81	0.07	0.04	0.05	2533	0.41	10	1788060	29
	3	5	0.82	0.8	0.06	0.05	0.03	2534.3	0.37	6	4749350	4
	3	4	0.82	0.81	0.04	0.04	0.02	2532.5	0.23	8	4803598	4
	2	4	0.82	0.8	0.06	0.05	0.03	2534.8	0.23	9	3877821	11
	2	4	0.82	0.81	0.02	0.03	0.01	2534.6	0.22	9	3862715	11
	3	3	0.83	0.81	0.03	0.04	0.02	2530.8	0.38	9	1563612	30
	3	5	0.82	0.81	0.04	0.03	0.02	2533.1	0.41	6	4756389	4
	3	5	0.82	0.81	0.04	0.04	0.02	2531.8	0.56	6	4813906	4
	3	3	0.83	0.81	0.03	0.03	0.01	2530	0.5	9	1444989	31
	3	3	0.83	0.81	0.04	0.04	0.01	2530.8	0.56	9	3638702	13
<i>M. ch. decussatus</i>	2	2	0.88	0.86	0.03	0.03	0.03	5805.3	0.83	27	3009274	20
	2	1	0.88	0.86	0.01	0.03	0.01	5806.5	0.51	31	2116551	32
	2	1	0.88	0.87	0.01	0.03	0.01	5795.6	0.98	29	2329694	28
	2	5	0.86	0.85	0.02	0.03	0.01	5823.3	0.68	18	1103795	65
	2	1	0.89	0.87	0.01	0.02	0.01	5788.2	1	30	2119705	30
	2	1	0.88	0.87	0.01	0.02	0	5805.3	0.77	30	2423877	27
	2	1	0.89	0.87	0.01	0.03	0.01	5793.1	0.97	30	2027153	34
	2	1	0.88	0.86	0.01	0.03	0.01	5795.1	0.92	30	2203428	32
	2	2	0.88	0.86	0.03	0.03	0.01	5807.2	0.74	29	2758830	23
	2	1	0.88	0.87	0.02	0.03	0.01	5795.3	1	29	2510975	24
<i>M. ch. uruguayi</i>	2	5	0.98	0.97	0	0.01	0	955.4	0.48	7	661329	0
	2	5	0.98	0.97	0	0.01	0	957.2	0.6	8	670505	0
	2	5	0.98	0.98	0	0	0	955	0.69	7	659620	0
	2	4	0.98	0.98	0	0.01	0	954.6	0.55	9	617447	0
	2	4	0.98	0.98	0	0.01	0	959.5	0.41	11	652492	0
	2	5	0.98	0.97	0	0.01	0	957.3	0.79	7	665535	0
	2	5	0.98	0.97	0	0.01	0	953.8	0.9	7	620432	0
	2	5	0.98	0.98	0	0	0	952.8	0.85	7	668331	0

<i>Species/subspecies</i>	FC	RM	AUC _{train}	AUC _{test}	Var _{test}	ΔAUCs	Var _{both}	AICc	w.AIC	Par.	Area	Om.
<i>M. ch. uruguayi</i> (cont.)	2	5	0.98	0.98	0	0.01	0	954.5	0.56	7	639932	0
	2	4	0.98	0.97	0	0.01	0	951	0.6	8	667727	0
<i>Megascops roraimae</i>	2	2	0.93	0.91	0.18	0.07	0.18	243.1	0.98	4	766754	1
	2	2	0.93	0.91	0.17	0.07	0.17	244.4	0.97	4	763368	1
	2	2	0.94	0.91	0.16	0.07	0.16	246.6	0.95	4	822836	1
	2	2	0.94	0.91	0.16	0.07	0.16	245.3	0.96	4	819445	1
	2	2	0.93	0.91	0.17	0.07	0.17	247.2	0.93	4	869389	1
	2	2	0.94	0.91	0.17	0.07	0.17	244.1	0.97	4	779500	1
	2	2	0.94	0.92	0.17	0.07	0.17	242.4	0.97	4	759393	1
	2	2	0.94	0.92	0.16	0.06	0.16	243.2	0.97	4	761754	1
	2	2	0.93	0.91	0.17	0.07	0.17	243.7	0.98	4	820868	1
	2	2	0.94	0.92	0.17	0.07	0.17	244.9	0.96	4	712037	1
<i>Megascops sanctaecatarinae</i>	2	2	0.98	0.98	0	0.01	0	1096.4	0.31	12	730927	0
	2	2	0.98	0.98	0	0.01	0	1089.4	0.76	10	680586	0
	2	1	0.98	0.98	0	0.01	0	1076.8	0.96	9	671598	0
	2	1	0.98	0.98	0	0.01	0	1097.6	0.63	14	638989	0
	2	1	0.98	0.98	0	0.01	0	1093.0	0.57	13	679477	0
	2	2	0.98	0.97	0	0.01	0	1088.1	0.86	9	754292	0
	2	2	0.98	0.97	0	0.01	0	1088.7	0.85	9	740217	0
	2	1	0.98	0.98	0	0.01	0	1097.0	0.40	14	646930	0
	2	2	0.98	0.98	0	0.01	0	1086.6	0.96	9	748457	0
	2	1	0.98	0.98	0	0.01	0	1089.3	0.72	13	626273	0
<i>Megascops watsonii</i>	2	4	0.78	0.76	0.02	0.04	0.01	3286.2	0.31	9	5115743	8
	2	5	0.78	0.75	0.01	0.03	0.01	3286	0.50	7	5185026	7
	2	2	0.78	0.76	0.02	0.03	0.02	3289.1	0.24	13	3124727	27
	1	5	0.77	0.75	0.02	0.03	0.01	3289.8	0.19	7	4103720	18
	2	2	0.79	0.75	0.04	0.05	0.02	3289.6	0.22	13	3753505	18
	3	1	0.8	0.76	0.02	0.05	0.02	3288.6	0.29	17	2801224	30
	3	5	0.77	0.76	0.01	0.02	0.01	3288.7	0.34	8	3798749	21
	3	2	0.78	0.76	0.01	0.03	0.01	3286.4	0.46	13	3244117	24
	3	2	0.79	0.75	0.06	0.05	0.05	3288.8	0.24	13	3099406	26
	2	4	0.78	0.76	0.03	0.05	0.02	3285.9	0.59	9	3124672	29
<i>M. w. usta</i>	2	2	0.82	0.77	0.01	0.05	0.01	2400.4	0.33	12	2395377	21
	3	2	0.82	0.78	0.11	0.07	0.07	2397.4	0.54	11	2228044	23
	2	2	0.82	0.77	0.09	0.07	0.05	2399.7	0.34	12	2018934	24
	3	3	0.82	0.77	0.05	0.06	0.03	2400.9	0.28	11	3561236	13
	3	2	0.83	0.78	0.03	0.06	0.03	2399.8	0.38	12	2180328	22
	3	3	0.82	0.78	0.05	0.06	0.02	2400.6	0.42	11	2002546	25
	3	3	0.82	0.77	0.04	0.06	0.04	2401.3	0.36	11	2243070	22
	3	3	0.82	0.78	0.02	0.05	0.02	2400.9	0.45	11	2671720	18
	3	3	0.82	0.76	0.03	0.06	0.02	2401.7	0.27	11	2363016	22
	3	2	0.82	0.78	0.06	0.06	0.05	2400	0.37	12	2218324	22
<i>M. w. watsonii</i>	1	3	0.93	0.93	0.01	0.02	0.01	810.1	0.34	6	2051734	2
	1	4	0.93	0.93	0.04	0.03	0.02	812.8	0.32	6	2012236	2
	1	5	0.94	0.92	0.04	0.04	0.02	814.3	0.42	5	2077619	2

<i>Species/subspecies</i>	FC	RM	AUC _{train}	AUC _{test}	Var _{test}	ΔAUCs	Var _{both}	AICc	w.AIC	Par.	Area	Om.
<i>M. w. watsonii</i> (cont.)	1	5	0.94	0.93	0.01	0.02	0.01	812.6	0.33	5	1906550	2
	1	3	0.93	0.93	0.02	0.02	0.01	810.5	0.39	6	2114109	2
	1	3	0.93	0.93	0.01	0.02	0.01	810	0.67	6	2053787	2
	1	5	0.93	0.93	0.03	0.02	0.02	816.7	0.2	6	2072367	2
	1	3	0.93	0.92	0.06	0.03	0.05	810.7	0.37	6	2219923	2
	1	3	0.93	0.93	0.03	0.03	0.01	809.7	0.4	6	2149487	2
	1	3	0.93	0.93	0.05	0.03	0.04	810.5	0.66	6	2119245	2
<i>Pulsatrix koenigswaldiana</i>	3	4	0.97	0.97	0	0	0	4080.9	0.48	17	1259785	3
	3	2	0.97	0.97	0	0.01	0	4079.2	0.8	22	973549	6
	2	1	0.97	0.97	0	0.01	0	4069.3	0.6	21	1115210	3
	3	5	0.97	0.97	0	0.01	0	4123.1	0.95	14	1319730	3
	3	3	0.97	0.97	0	0	0	4067.5	0.84	17	1053170	5
	3	3	0.97	0.97	0	0.01	0	4085.2	0.34	22	1152071	3
	2	2	0.97	0.97	0	0	0	4081.9	0.71	19	948483	7
	2	1	0.97	0.97	0	0	0	4074	0.55	20	1049696	5
	3	3	0.97	0.96	0	0.01	0	4080.2	0.88	17	1162003	3
	2	1	0.97	0.97	0	0	0	4074.8	0.71	21	1008669	5
<i>Pulsatrix perspicillata</i>	3	1	0.77	0.73	0.05	0.06	0.04	4349.3	0.99	28	1312340	59
	3	1	0.78	0.74	0.06	0.06	0.05	4351.7	0.92	32	2060079	46
	3	1	0.77	0.72	0.05	0.06	0.03	4347.6	0.99	30	1008941	65
	3	1	0.77	0.72	0.06	0.06	0.04	4342	0.99	29	1374932	60
	3	1	0.77	0.74	0.05	0.05	0.05	4354.5	0.62	31	1160242	61
	3	1	0.78	0.74	0.04	0.05	0.03	4348.9	0.98	30	2616525	40
	3	1	0.78	0.73	0.04	0.06	0.03	4344.7	0.99	31	1154652	61
	3	2	0.74	0.71	0.04	0.05	0.03	4357.4	0.63	23	1874567	56
	3	1	0.77	0.72	0.05	0.06	0.03	4359	0.51	31	1498733	58
	2	1	0.74	0.71	0.06	0.05	0.05	4352.5	0.65	24	1623029	59
<i>P. p. perspicillata</i>	3	3	0.83	0.8	0.03	0.04	0.02	1985.2	0.25	11	3345412	11
	2	2	0.83	0.81	0.04	0.04	0.02	1982.8	0.37	12	3374244	10
	3	3	0.83	0.8	0.03	0.05	0.02	1982.6	0.41	10	3412186	11
	2	2	0.84	0.8	0.1	0.06	0.08	1981.4	0.57	12	3373639	10
	2	3	0.83	0.81	0.04	0.04	0.03	1979.7	0.43	10	3560091	10
	2	2	0.83	0.81	0.06	0.05	0.04	1983	0.49	12	3281382	11
	2	3	0.83	0.8	0.03	0.04	0.02	1983.6	0.24	11	4342259	5
	3	4	0.83	0.8	0.03	0.05	0.02	1982.8	0.25	9	4091831	7
	3	3	0.83	0.79	0.11	0.06	0.09	1983	0.45	10	3347830	11
	2	4	0.82	0.79	0.05	0.05	0.04	1986.4	0.2	10	3304408	13
<i>P. p. pulsatrix</i>	3	1	0.97	0.96	0.01	0.02	0.01	929.5	1	13	428002	4
	2	2	0.95	0.93	0.05	0.04	0.03	943.9	0.68	12	547190	4
	3	1	0.97	0.96	0.03	0.03	0.02	934.4	0.91	14	367660	4
	3	1	0.97	0.96	0.01	0.02	0.01	940.5	0.95	15	341838	4
	3	2	0.96	0.95	0.04	0.03	0.03	946	0.48	13	376822	4
	3	1	0.97	0.96	0.02	0.03	0.01	936.8	0.94	14	406563	4
	3	1	0.97	0.96	0.02	0.02	0.01	950	0.84	16	358402	4
	3	1	0.97	0.95	0.06	0.04	0.05	942.8	0.99	15	366066	4

<i>Species/subspecies</i>	FC	RM	AUC _{train}	AUC _{test}	Var _{test}	ΔAUCs	Var _{both}	AICc	w.AIC	Par.	Area	Om.
<i>P. p. pulsatrix</i> (cont.)	3	1	0.97	0.96	0.01	0.02	0.01	934.1	0.98	14	439424	4
	3	1	0.97	0.97	0.01	0.02	0.01	934.2	0.98	14	327678	4
<i>Strix huhula</i>	3	3	0.76	0.69	0.07	0.08	0.06	2947.1	0.44	17	2868959	25
	3	3	0.76	0.69	0.07	0.09	0.04	2945.3	0.54	16	3212709	22
	3	2	0.76	0.71	0.05	0.06	0.05	2948.5	0.64	19	3228664	23
	3	2	0.76	0.71	0.13	0.08	0.11	2947.5	0.77	19	2851327	27
	3	2	0.77	0.71	0.04	0.07	0.03	2947.6	0.46	19	3240946	23
	3	2	0.77	0.71	0.07	0.07	0.06	2943.9	0.86	18	3259863	23
	3	2	0.76	0.71	0.08	0.08	0.05	2946.4	0.65	19	3202316	24
	3	3	0.76	0.7	0.05	0.07	0.04	2945.4	0.9	16	3660803	19
	3	2	0.76	0.72	0.1	0.07	0.07	2948.2	0.67	19	3158337	23
	3	4	0.75	0.67	0.09	0.09	0.06	2945.2	0.51	13	3424429	22
<i>S. h. albomarginata</i>	2	1	0.98	0.94	0.05	0.04	0.05	740.2	0.58	13	1262774	0
	2	1	0.98	0.92	0.09	0.06	0.09	740.9	0.44	13	1071175	0
	2	1	0.98	0.93	0.09	0.05	0.09	733	0.78	12	928375	1
	2	1	0.98	0.93	0.12	0.06	0.12	740.7	0.98	13	830790	1
	2	1	0.98	0.93	0.12	0.06	0.11	730.6	0.99	12	851134	1
	2	1	0.98	0.94	0.04	0.04	0.04	740.7	0.54	13	827973	1
	1	1	0.97	0.9	0.17	0.08	0.16	734.3	0.88	10	1349674	1
	3	1	0.98	0.94	0.06	0.05	0.05	738.9	0.5	13	1106726	0
	3	1	0.97	0.93	0.09	0.05	0.09	743.8	0.47	13	1287172	0
	1	1	0.97	0.91	0.15	0.07	0.14	739.9	0.51	11	1615640	0
<i>S. h. huhula</i>	1	3	0.72	0.65	0.1	0.1	0.06	1946.1	0.33	9	2033103	26
	3	3	0.73	0.66	0.1	0.1	0.07	1944.1	0.86	8	3865514	14
	1	3	0.72	0.65	0.05	0.08	0.02	1945.9	0.66	8	2347556	25
	1	3	0.72	0.65	0.17	0.11	0.12	1947.3	0.43	9	2033841	26
	2	3	0.75	0.64	0.16	0.12	0.11	1947.7	0.32	10	4477244	11
	2	3	0.75	0.65	0.1	0.11	0.07	1947.7	0.42	10	3806294	14
	3	3	0.74	0.66	0.06	0.08	0.06	1946.5	0.48	9	3879594	14
	3	4	0.73	0.62	0.03	0.1	0.03	1950.9	0.2	9	3585632	18
	2	3	0.74	0.64	0.14	0.12	0.11	1951	0.27	11	5041081	9
	3	4	0.73	0.64	0.07	0.09	0.06	1948.5	0.38	8	948913	39
<i>Strix hylophila</i>	3	5	0.97	0.97	0	0.01	0	2805.9	0.71	11	746225	7
	3	5	0.98	0.97	0	0	0	2756	0.96	9	703493	7
	3	3	0.98	0.97	0	0.01	0	2752.7	0.54	12	815619	6
	3	5	0.97	0.97	0	0	0	2739.2	0.99	11	663059	7
	3	5	0.97	0.97	0	0.01	0	2787	0.78	11	1187567	2
	3	3	0.98	0.97	0	0.01	0	2726.5	0.39	11	1020344	2
	2	1	0.98	0.98	0	0.01	0	2709.3	0.98	16	897176	3
	3	1	0.98	0.98	0	0	0	2717.2	0.42	17	1064242	1
	2	1	0.98	0.97	0	0.01	0	2729.1	0.62	16	1199014	1
	3	1	0.98	0.97	0	0.01	0	2723.3	0.48	18	1044926	1
<i>Strix virgata</i>	2	5	0.84	0.83	0.03	0.03	0.02	3712.6	0.48	11	2050511	29
	2	1	0.85	0.83	0.03	0.04	0.02	3721.3	0.83	24	1515042	29
	2	1	0.85	0.84	0.04	0.04	0.03	3717.1	0.48	24	1470557	31

<i>Species/subspecies</i>	FC	RM	AUC _{train}	AUC _{test}	Var _{test}	Δ AUCs	Var _{both}	AICc	w.AIC	Par.	Area	Om.
<i>Strix virgata</i> (cont.)	2	5	0.84	0.83	0.04	0.03	0.01	3722.8	0.97	12	1957400	30
	2	5	0.84	0.83	0.03	0.03	0.02	3731.6	0.6	11	1947934	30
	2	1	0.86	0.83	0.03	0.03	0.03	3713.9	0.78	23	1557221	30
	2	4	0.84	0.83	0.03	0.03	0.02	3714.5	0.49	13	1815279	30
	2	1	0.86	0.83	0.05	0.04	0.04	3714.5	0.68	23	1788675	29
	2	5	0.84	0.83	0.04	0.03	0.02	3720	0.54	12	1937678	30
	2	1	0.86	0.84	0.05	0.05	0.03	3714.7	0.45	23	1810017	28
<i>S. v. borelliana</i>	2	2	0.97	0.97	0	0.01	0	2270	0.54	14	975664	1
	3	1	0.97	0.97	0	0.01	0	2277.2	0.46	21	880156	2
	2	1	0.98	0.97	0	0.01	0	2273.4	0.48	19	869711	2
	2	5	0.97	0.97	0	0.01	0	2295.6	0.53	11	1061857	3
	2	2	0.97	0.97	0	0.01	0	2272.5	0.35	15	979437	2
	2	1	0.97	0.97	0	0.01	0	2269.8	0.69	17	1022444	1
	2	2	0.97	0.97	0	0	0	2272.4	0.47	15	986206	2
	2	1	0.97	0.97	0	0.01	0	2276.9	0.5	19	1060447	1
	2	2	0.97	0.97	0	0.01	0	2275.9	0.41	14	997865	1
	3	1	0.98	0.97	0	0.01	0	2267.9	0.88	18	1132213	0
<i>S. v. superciliaris</i>	1	5	0.76	0.74	0.02	0.04	0.02	1033.3	0.54	2	4253109	1
	1	5	0.76	0.74	0.02	0.04	0.01	1033.3	0.43	2	4252692	1
	1	5	0.76	0.74	0.06	0.04	0.05	1033.2	0.5	2	4257887	1
	1	5	0.76	0.73	0.03	0.05	0.03	1033.4	0.46	2	4252371	1
	1	5	0.77	0.72	0.06	0.06	0.06	1033.1	0.39	2	4253357	1
	1	5	0.76	0.74	0.02	0.04	0.01	1033.3	0.41	2	4252682	1
	1	5	0.76	0.73	0.1	0.06	0.08	1033.2	0.51	2	4257035	1
	1	5	0.76	0.73	0.03	0.05	0.03	1033.1	0.43	2	4252901	1
	1	5	0.76	0.74	0.07	0.05	0.06	1033.2	0.5	2	4252204	1
	1	5	0.77	0.73	0.06	0.06	0.03	1033.2	0.43	2	4251553	1