

net_n	type	net_code	n_plants	n_frugivores	net_size	unique_ints	full_ref
1	ind	ind_01_01	40	27	1080	392	Quintero, E., Rodríguez-Sánchez, F., & Jordano, P. (2023). Reciprocity and interaction effectiveness in generalised mutualisms among free-living species. <i>Ecology Letters</i> , 26(1), 132–146. https://doi.org/10.1111/ele.14141
2	ind	ind_01_02	40	16	640	134	Quintero, E., Rodríguez-Sánchez, F., & Jordano, P. (2023). Reciprocity and interaction effectiveness in generalised mutualisms among free-living species. <i>Ecology Letters</i> , 26(1), 132–146. https://doi.org/10.1111/ele.14142
3	ind	ind_02_01	35	10	350	137	Isla, J., Jácome-Flores, M., Arroyo, J. M., & Jordano, P. (2023). The turnover of plant–frugivore interactions along plant range expansion: Consequences for natural colonization processes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 290(1999), 20222547. https://doi.org/10.1098/rspb.2022.2547
4	ind	ind_02_02	35	10	350	154	Isla, J., Jácome-Flores, M., Arroyo, J. M., & Jordano, P. (2023). The turnover of plant–frugivore interactions along plant range expansion: Consequences for natural colonization processes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 290(1999), 20222547. https://doi.org/10.1098/rspb.2022.2548
5	ind	ind_02_03	35	11	385	148	Isla, J., Jácome-Flores, M., Arroyo, J. M., & Jordano, P. (2023). The turnover of plant–frugivore interactions along plant range expansion: Consequences for natural colonization processes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 290(1999), 20222547. https://doi.org/10.1098/rspb.2022.2549
6	ind	ind_03_01	13	10	130	37	Vergara-Tabares, D. L., Blendinger, P. G., Tello, A., Peluc, S. I., & Tecco, P. A. (2022). Fleshy-fruited invasive shrubs indirectly increase native tree seed dispersal. <i>Oikos</i> , 2022(2). https://doi.org/10.1111/oik.08311
7	ind	ind_03_02	14	10	140	33	Vergara-Tabares, D. L., Blendinger, P. G., Tello, A., Peluc, S. I., & Tecco, P. A. (2022). Fleshy-fruited invasive shrubs indirectly increase native tree seed dispersal. <i>Oikos</i> , 2022(2). https://doi.org/10.1111/oik.08311
8	ind	ind_03_03	14	13	182	46	Vergara-Tabares, D. L., Blendinger, P. G., Tello, A., Peluc, S. I., & Tecco, P. A. (2022). Fleshy-fruited invasive shrubs indirectly increase native tree seed dispersal. <i>Oikos</i> , 2022(2). https://doi.org/10.1111/oik.08311
9	ind	ind_03_04	13	12	156	41	Vergara-Tabares, D. L., Blendinger, P. G., Tello, A., Peluc, S. I., & Tecco, P. A. (2022). Fleshy-fruited invasive shrubs indirectly increase native tree seed dispersal. <i>Oikos</i> , 2022(2). https://doi.org/10.1111/oik.08311
10	ind	ind_03_05	12	11	132	29	Vergara-Tabares, D. L., Blendinger, P. G., Tello, A., Peluc, S. I., & Tecco, P. A. (2022). Fleshy-fruited invasive shrubs indirectly increase native tree seed dispersal. <i>Oikos</i> , 2022(2). https://doi.org/10.1111/oik.08311
11	ind	ind_03_06	11	7	77	25	Vergara-Tabares, D. L., Blendinger, P. G., Tello, A., Peluc, S. I., & Tecco, P. A. (2022). Fleshy-fruited invasive shrubs indirectly increase native tree seed dispersal. <i>Oikos</i> , 2022(2). https://doi.org/10.1111/oik.08311
12	ind	ind_04_01	18	17	306	87	Rodríguez-Sánchez, F. (2010). An integrative framework to investigate species responses to climate change: Biogeography and ecology of relict trees in the mediterranean. PhD Thesis. Universidad de Sevilla.
13	ind	ind_05_01	19	20	380	211	Jordano, P. (1995). Frugivore-Mediated Selection on Fruit and Seed Size: Birds and St. Lucie's Cherry, <i>Prunus Mahaleb</i> . <i>Ecology</i> , 76(8), 2627–2639. https://doi.org/10.2307/2265833
14	ind	ind_06_01	17	9	153	31	Jordano, P., & Schupp, E. W. (2000). Seed Disperser Effectiveness: The Quantity Component and Patterns of Seed Rain for <i>Prunus mahaleb</i> . <i>Ecological Monographs</i> , 70(4), 591-615. https://doi.org/10.2307/2657187
15	ind	ind_06_02	15	7	105	25	Friedemann, P., Côrtes, M. C., de Castro, E. R., Galetti, M., Jordano, P., & Guimarães Jr, P. R. (2022). The individual-based network structure of palm-seed dispersers is explained by a rainforest gradient. <i>Oikos</i> , 2022, e08384. https://doi.org/10.1111/oik.08384
16	ind	ind_06_03	30	8	240	50	Friedemann, P., Côrtes, M. C., de Castro, E. R., Galetti, M., Jordano, P., & Guimarães Jr, P. R. (2022). The individual-based network structure of palm-seed dispersers is explained by a rainforest gradient. <i>Oikos</i> , 2022, e08384. https://doi.org/10.1111/oik.08386
17	ind	ind_07_01	27	37	999	124	Friedemann, P., Côrtes, M. C., de Castro, E. R., Galetti, M., Jordano, P., & Guimarães Jr, P. R. (2022). The individual-based network structure of palm-seed dispersers is explained by a rainforest gradient. <i>Oikos</i> , 2022, e08384. https://doi.org/10.1111/oik.08385
18	ind	ind_08_02	24	11	264	48	Cecropia dataset - Frugivory course 2012 Intervalos State Park - Pedro Jordano dataset
19	ind	ind_08_03	25	7	175	45	Gopal, A., Mudappa, D., Raman, T. S., & Naniwadekar, R. (2020). Forest cover and fruit crop size differentially influence frugivory of select rainforest tree species in Western Ghats, India. <i>Biotropica</i> , 52(5), 871-883.
20	ind	ind_08_04	32	21	672	186	Gopal, A., Mudappa, D., Raman, T. S., & Naniwadekar, R. (2020). Forest cover and fruit crop size differentially influence frugivory of select rainforest tree species in Western Ghats, India. <i>Biotropica</i> , 52(5), 871-883.
21	ind	ind_09_01	18	22	396	77	Crestani, A. C., Mello, M. A. R., & Cazetta, E. (2019). Interindividual variations in plant and fruit traits affect the structure of a plant-frugivore network. <i>Acta Oecologica</i> , 95, 120-127.
22	ind	ind_10_01	31	9	279	100	Lamperty, T., Karubian, J., & Dunham, A. E. (2021). Ecological drivers of intraspecific variation in seed dispersal services of a common neotropical palm. <i>Biotropica</i> , 53(4), 1226–1237. https://doi.org/10.1111/btp.12966
23	ind	ind_11_01	24	15	360	129	FRUCORE project (unpublished) - Biotic interactions of <i>Corema album</i> - 2020-2021
24	ind	ind_12_02	15	11	165	43	Ramaswami, G., Somnath, P., & Quader, S. (2017). Plant-disperser mutualisms in a semi-arid habitat invaded by <i>Lantana camara</i> L. <i>Plant Ecology</i> , 218, 935-946.
25	ind	ind_12_03	12	6	72	29	Ramaswami, G., Somnath, P., & Quader, S. (2017). Plant-disperser mutualisms in a semi-arid habitat invaded by <i>Lantana camara</i> L. <i>Plant Ecology</i> , 218, 935-946.
26	ind	ind_12_04	13	5	65	33	Ramaswami, G., Somnath, P., & Quader, S. (2017). Plant-disperser mutualisms in a semi-arid habitat invaded by <i>Lantana camara</i> L. <i>Plant Ecology</i> , 218, 935-946.
27	ind	ind_12_05	10	8	80	22	Ramaswami, G., Somnath, P., & Quader, S. (2017). Plant-disperser mutualisms in a semi-arid habitat invaded by <i>Lantana camara</i> L. <i>Plant Ecology</i> , 218, 935-946.
28	ind	ind_12_08	10	8	80	30	Ramaswami, G., Somnath, P., & Quader, S. (2017). Plant-disperser mutualisms in a semi-arid habitat invaded by <i>Lantana camara</i> L. <i>Plant Ecology</i> , 218, 935-946.
29	ind	ind_12_09	14	10	140	38	Ramaswami, G., Somnath, P., & Quader, S. (2017). Plant-disperser mutualisms in a semi-arid habitat invaded by <i>Lantana camara</i> L. <i>Plant Ecology</i> , 218, 935-946.
30	ind	ind_12_10	15	13	195	102	Ramaswami, G., Somnath, P., & Quader, S. (2017). Plant-disperser mutualisms in a semi-arid habitat invaded by <i>Lantana camara</i> L. <i>Plant Ecology</i> , 218, 935-946.
31	ind	ind_13_01	39	6	234	76	Jácome-Flores, M. E. et al. 2020. Interaction motifs variability in a Mediterranean palm under environmental disturbances: the mutualism–antagonism continuum. – <i>Oikos</i> 129: 367–379.
32	ind	ind_13_02	24	6	144	57	Jácome-Flores, M. E. et al. 2020. Interaction motifs variability in a Mediterranean palm under environmental disturbances: the mutualism–antagonism continuum. – <i>Oikos</i> 129: 367–379.
33	ind	ind_14_01	15	9	135	59	Guerra, T. J. et al. 2017. Intraspecific variation in fruit–frugivore interactions: effects of fruiting neighborhood and consequences for seed dispersal. – <i>Oecologia</i> 185: 233–243.
34	ind	ind_15_01	26	11	286	72	SUMHAL project - Biotic interactions of <i>Juniperus macrocarpa</i> - 2021-2022 and 2022-2023
35	ind	ind_16_01	26	9	234	72	Miguel, M.F., Jordano, P., Tabeni, S. and Campos, C.M. (2018). Context-dependency and anthropogenic effects on individual plant–frugivore networks. <i>Oikos</i> , 127: 1045-1059.
36	ind	ind_16_02	28	10	280	84	Miguel, M.F., Jordano, P., Tabeni, S. and Campos, C.M. (2018). Context-dependency and anthropogenic effects on individual plant–frugivore networks. <i>Oikos</i> , 127: 1045-1059.
37	ind	ind_16_03	54	10	540	112	Miguel, M.F., Jordano, P., Tabeni, S. and Campos, C.M. (2018). Context-dependency and anthropogenic effects on individual plant–frugivore networks. <i>Oikos</i> , 127: 1045-1059.
38	ind	ind_16_04	35	8	280	61	Miguel, M.F., Jordano, P., Tabeni, S. and Campos, C.M. (2018). Context-dependency and anthropogenic effects on individual plant–frugivore networks. <i>Oikos</i> , 127: 1045-1059.
39	ind	ind_16_05	29	9	261	99	Miguel, M.F., Jordano, P., Tabeni, S. and Campos, C.M. (2018). Context-dependency and anthropogenic effects on individual plant–frugivore networks. <i>Oikos</i> , 127: 1045-1059.
40	ind	ind_17_01	26	16	416	93	Vissoto, M., Vizenitin-Bugoni, J., Sendoya, S. F., Gomes, G. C., & Dias, R. A. (2022). Plant height and spatial context influence individual connectivity and specialization on seed dispersers in a tree population. <i>Oecologia</i> . https://doi.org/10.1007/s00442-022-05142-7
41	ind	ind_18_01	10	16	160	72	SUMHAL project - Biotic interactions of <i>Phillyrea angustifolia</i> - 2021-2022
42	ind	ind_18_02	9	12	108	41	SUMHAL project - Biotic interactions of <i>Phillyrea angustifolia</i> - 2021-2022
43	ind	ind_19_01	24	43	1032	127	Thiel, S., Willems, F., Farwig, N., Rehling, F., Schabo, D. G., Schleuning, M., Shahuano Tello, N., Töpfer, T., Tschapka, M., Heymann, E. W., & Heer, K. (2023). Vertically stratified frugivore community composition and interaction frequency in a liana fruiting across forest strata. <i>Biotropica</i> , n/a(n/a). https://doi.org/10.1111/btp.13216
44	ind	ind_20_01	19	14	266	62	SUMHAL project - Biotic interactions of <i>Osyris lanceolata</i> - 2022-2023
45	ind	ind_21_01	22	12	264	62	Jayanthi, A., Isvaran, K., & Naniwadekar, R. (2024). Drivers of intraspecific variation in seed dispersal can differ across two species of fleshy-fruited savanna plants. <i>Biotropica</i> , 56(3), e13322. https://doi.org/10.1111/btp.13322
46	ind	ind_21_02	20	13	260	57	Jayanthi, A., Isvaran, K., & Naniwadekar, R. (2024). Drivers of intraspecific variation in seed dispersal can differ across two species of fleshy-fruited savanna plants. <i>Biotropica</i> , 56(3), e13322. https://doi.org/10.1111/btp.13323
47	sp	sp_01_01	25	36	900	228	Olesen JM, Bascompte J, Dupont YL, Elberling H, Rasmussen C, Jordano P. 2011. Missing and forbidden links in mutualistic networks. <i>Proceedings of the Royal Society B-Biological Sciences</i> 278: 725-732.
48	sp	sp_01_02	16	17	272	120	Olesen JM, Bascompte J, Dupont YL, Elberling H, Rasmussen C, Jordano P. 2011. Missing and forbidden links in mutualistic networks. <i>Proceedings of the Royal Society B-Biological Sciences</i> 278: 725-732.
49	sp	sp_02_01	17	28	476	130	García-Castaño, J.L. (2011). Consecuencias demográficas de la dispersión de semillas por aves y mamíferos frugívoros en la vegetación mediterránea de montaña. Tesis doctoral.
50	sp	sp_04_01	31	9	279	119	Beehler B. (1983) Frugivory and polygamy in birds of paradise. <i>Auk</i> , 100, 1-11.
51	sp	sp_06_01	16	10	160	110	Frost P.G.H. (1980) Fruit-frugivore interactions in a South African coastal dune forest. In: <i>Acta XVII Congressus Internationalis Ornithologici</i> (ed. Noring R), pp. 1179-1184. Deutsche Ornithologische Ges., Berlin, Germany.
52	sp	sp_07_01	12	7	84	40	Gutián J. (1983) Relaciones entre los frutos y los passeriformes en un bosque montano de la cordillera Cantábrica occidental. Unpubl. Ph. D. Thesis, Univ. Santiago, Spain.
53	sp	sp_08_01	35	29	1015	146	Galetti M. & Pizo M.A. (1996) Fruit eating birds in a forest fragment in southeastern Brazil. <i>Ararajuba, Rev. Brasil. Ornitol.</i> , 4, 71-79.
54	sp	sp_10_01	11	14	154	47	Snow, B.K. & Snow, D.W. (1988). Birds and berries. T. and A.D. Poyser, Calton, England.
55	sp	sp_11_01	15	8	120	38	Noma, N. & Yumoto, T. (1997). Fruiting phenology of animal-dispersed plants in response to winter migration of frugivores in a warm temperate forest on Yakushima Island, Japan. <i>Ecological Research</i> , 12,
56	sp	sp_12_01	71	7	497	142	Crome, F.H.J. (1975). The ecology of fruit pigeons in tropical Northern Queensland. <i>Aust Wildl Res</i> , 2, 155-185.
57	sp	sp_13_01	50	14	700	234	Snow B.K. & Snow D.W. (1971) The feeding ecology of tanagers and honeycreepers in Trinidad. <i>Auk</i> , 88, 291-322.
58	sp	sp_14_01	7	21	147	50	Baird, J.W. (1980). The selection and use of fruit by birds in an Eastern forest. <i>Wilson Bulletin</i> , 92, 63-73.
59	sp	sp_15_01	8	30	240	69	Menke, S., Böhning-Gaese, K. & Schleuning, M. (2012). Plant-frugivore networks are less specialized and more robust at forest-farmland edges than in the interior of a tropical forest. <i>Oikos</i> , 121, 1553-1566.
60	sp	sp_15_02	7	38	266	104	Menke, S., Böhning-Gaese, K. & Schleuning, M. (2012). Plant-frugivore networks are less specialized and more robust at forest-farmland edges than in the interior of a tropical forest. <i>Oikos</i> , 121, 1553-1566.
61	sp	sp_15_03	8	34	272	88	Menke, S., Böhning-Gaese, K. & Schleuning, M. (2012). Plant-frugivore networks are less specialized and more robust at forest-farmland edges than in the interior of a tropical forest. <i>Oikos</i> , 121, 1553-1566.
62	sp	sp_15_04	8	39	312	115	Menke, S., Böhning-Gaese, K. & Schleuning, M. (2012). Plant-frugivore networks are less specialized and more robust at forest-farmland edges than in the interior of a tropical forest. <i>Oikos</i> , 121, 1553-1566.
63	sp	sp_16_01	15	49	735	143	Pizo, M.A. (2004). Frugivory and habitat use by fruit-eating birds in a fragmented landscape of southeast Brazil. <i>Ornitologia Neotropical</i> , 15, 117-126.
64	sp	sp_17_01	33	88	2904	419	Schleuning M, Bluthgen N, Flörchinger M, Braun J, Schaefer HM, Böhning-Gaese K. 2011. Specialization and interaction strength in a tropical plant-frugivore network differ among forest strata. <i>Ecology</i> 92: 26-36.
65	sp	sp_18_01	49	16	784	131	Castro, E.R.D. (2007). Fenologia reprodutiva do palmito <i>Euterpe edulis</i> (Erecaceae) e sua influência na abundância de aves frugívoras na floresta atlântica. In: Instituto de Biociências. Universidade Estadual Paulista "Júlio de Mesquita Filho" Rio Claro, SP, Brazil.
66	sp	sp_19_01	13	45	585	183	Correia, J.M.S. (1997). Utilização de espécies frutíferas de mata Atlântica na alimentação da avifauna da reserva biológica de Poço das Antas, RJ. In: Instituto de Biologia. UNB
67	sp	sp_20_01	13	30	390	145	Alves, K.J.F. (2008). Composição da avifauna e frugivoria por aves em um mosaico sucessional na mata Atlântica. In: Instituto de Biociências. Universidade Estadual Paulista, Julio de Mesquita Filho, Rio Claro, SP, Brazil.
68	sp	sp_21_01	9	30	270	92	Athie, S. (2009). Composição da avifauna e frugivoria por aves em um mosaico de vegetação secundária em Rio Claro, região centro-leste do estado de São Paulo
69	sp	sp_22_01	25	28	700	90	Ferreira Fadini, R. & De Marco Jr., P. (2004). Interações entre aves frugívoras e plantas em um fragmento de mata atlântica de Minas Gerais. <i>Ararajuba</i> , 12, 97-103.
70	sp	sp_23_01	26	22	572	79	Hasui, Erica. (1994). O papel das aves frugívoras na dispersão de sementes em um fragmento de floresta semidecídua secundária em São Paulo, SP. USP São Paulo, Brazil.
71	sp	sp_24_01	22	20	440	67	Silva, R.F.d.M. (2011). Interações entre plantas e aves frugívoras no campus da Universidade Federal Rural do Rio de Janeiro. In: Instituto de Florestas. Universidade Federal do Rio de Janeiro Rio de Janeiro, Brazil.
72	sp	sp_25_01	12	15	180	32	Ribeiro da Silva, F., Montoya, D., Furtado, R., Memmott, J., Pizo, M.A. and Rodrigues, R.R. (2015), The restoration of tropical seed dispersal networks. <i>Restor Ecol</i> , 23: 852-860. https://doi.org/10.1111/rec.12244
73	sp	sp_25_02	23	29	667	129	Ribeiro da Silva, F., Montoya, D., Furtado, R., Memmott, J., Pizo, M.A. and Rodrigues, R.R. (2015), The restoration of tropical seed dispersal networks. <i>Restor Ecol</i> , 23: 852-860. https://doi.org/10.1111/rec.12244
74	sp	sp_25_03	14	14	196	35	Ribeiro da Silva, F., Montoya, D., Furtado, R., Memmott, J., Pizo, M.A. and Rodrigues, R.R. (2015), The restoration of tropical seed dispersal networks. <i>Restor Ecol</i> , 23: 852-860. https://doi.org/10.1111/rec.12244
75	sp	sp_26_01	6	28	168	50	Robinson, V. (2015). Interações entre aves frugívoras e plantas em um fragmento de mata atlântica de Minas Gerais. In: Instituto de Biociências. Universidade Estadual Paulista "Julio de Mesquita Filho" Rio Claro, SP, Brazil.
76	sp	sp_27_01	30	58	1740	240	Rodrigues, S.B.M. (2015). Rede de interações entre aves frugívoras e plantas em uma área de mata Atlântica no sudeste do Brasil. Universidade Federal de São Carlos, Campus Sorocaba Sorocaba, SP, Brazil.
77	sp	sp_28_01	18	8	144	102	Burns, K.C. (2013). What causes size coupling in fruit-frugivore interaction webs? <i>Ecology</i> , 94, 295-300.
78	sp	sp_29_01	8	12	96	38	Albrecht, J., Bohle, V., Berens, D. G., Jaroszewicz, B., Selva, N., & Farwig, N. (2015). Variation in neighbourhood context shapes frugivore-mediated facilitation and competition among co-dispersed plant species. <i>Journal of Ecology</i> , 103(2), 526–536. https://doi.org/10.1111/1365-2745.12375
79	sp	sp_29_02	7	11	77	32	Albrecht, J., Bohle, V., Berens, D. G., Jaroszewicz, B., Selva, N., & Farwig, N. (2015). Variation in neighbourhood context shapes frugivore-mediated facilitation and competition among co-dispersed plant species. <i>Journal of Ecology</i> , 103(2), 526–536. https://doi.org/10.1111/1365-2745.12375
80	sp	sp_29_03	9	13	117	42	Albrecht, J., Bohle, V., Berens, D. G., Jaroszewicz, B., Selva, N., & Farwig, N. (2015). Variation in neighbourhood context shapes frugivore-mediated facilitation and competition among co-dispersed plant species. <i>Journal of Ecology</i> , 103(2), 526–536. https://doi.org/10.1111/1365-2745.12375
81	sp	sp_29_04	8	13	104	36	Albrecht, J., Bohle, V., Berens, D. G., Jaroszewicz, B., Selva, N., & Farwig, N. (2015). Variation in neighbourhood context shapes frugivore-mediated facilitation and competition among co-dispersed plant species. <i>Journal of Ecology</i> , 103(2), 526–536. https://doi.org/10.1111/1365-2745.12375
82	sp	sp_29_05	8	10	80	29	Albrecht, J., Bohle, V., Berens, D. G., Jaroszewicz, B., Selva, N., & Farwig, N. (2015). Variation in neighbourhood context shapes frugivore-mediated facilitation and competition among co-dispersed plant species. <i>Journal of Ecology</i> , 103(2), 526–536. https://doi.org/10.1111/1365-2745.12375
83	sp	sp_29_06	8	10	80	30	Albrecht, J., Bohle, V., Berens, D. G., Jaroszewicz, B., Selva, N., & Farwig, N. (2015). Variation in neighbourhood context shapes frugivore-mediated facilitation and competition among co-dispersed plant species.