

1 APPENDIX A. SUPPLEMENTARY MATERIAL

2 Information on bird species, country, population trend, mean FID (m),
 3 migration distance (°latitude), body mass (g), latitude and longitude of the
 4 population/country, marginality of the population within the species
 5 breeding range, relative brain size and farmland habitat. Relative brain
 6 size is residuals from a log-log phylogenetically corrected regression of
 7 brain mass on body mass. See Material and methods for sources and
 8 details. Nomenclature and basic phylogeny follows Thuiller et al. (2011).
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Species	Country	Popul. trend	FID (m)	Migration distance (° latitude)	Body mass (g)	Latitude	Longitude	Marginality	Rel. brain size	Farmland
<i>Accipiter nisus</i>	Denmark	0.002	36.14	12.79	204.0	56.16	10.38	0.585	0.464	0
<i>Acrocephalus palustris</i>	Czech Rep.	-0.010	14.14	66.84	12.0	49.80	15.48	0.599	-0.281	0
<i>Acrocephalus palustris</i>	Denmark	0.012	8.76	66.84	12.0	56.16	10.38	0.683	-0.281	0
<i>Acrocephalus schoenobaenus</i>	Denmark	-0.003	6.93	62.10	11.9	56.16	10.38	0.595	-0.357	0
<i>Acrocephalus scirpaceus</i>	Denmark	-0.009	6.59	44.60	11.8	56.16	10.38	0.659	-0.330	0
<i>Aegithalos caudatus</i>	France	0.000	5.27	0.00	8.8	46.71	1.72	0.489	-0.385	0
<i>Aegithalos caudatus</i>	Spain	-0.010	10.84	0.00	8.8	39.90	-2.99	0.500	-0.385	0
<i>Aegithalos caudatus</i>	Hungary	0.155	6.36	0.00	8.8	47.16	19.51	0.489	-0.385	0
<i>Alauda arvensis</i>	Denmark	-0.008	31.42	13.02	36.4	56.16	10.38	0.581	-0.033	1
<i>Alauda arvensis</i>	Poland	0.017	45.44	13.02	36.4	51.92	19.13	0.533	-0.033	1
<i>Alcedo atthis</i>	France	-0.042	8.54	0.00	32.4	46.71	1.72	0.429	-0.099	0
<i>Alectoris rufa</i>	Spain	0.004	37.08	0.00	477.5	39.90	-2.99	0.732	0.303	1
<i>Anas platyrhynchos</i>	Denmark	0.048	28.76	8.13	1119.0	56.16	10.38	0.579	0.720	0
<i>Anas platyrhynchos</i>	France	0.012	4.81	8.13	1119.0	46.71	1.72	0.533	0.720	0
<i>Anas platyrhynchos</i>	Norway	0.123	11.11	8.13	1119.0	64.56	18.01	0.709	0.720	0
<i>Anas platyrhynchos</i>	Poland	0.014	88.00	8.13	1119.0	51.92	19.13	0.531	0.720	0
<i>Anser anser</i>	Denmark	0.107	180.00	12.28	3464.5	56.16	10.38	0.578	1.080	0
<i>Anthus pratensis</i>	Denmark	-0.027	13.22	15.64	19.3	56.16	10.38	0.595	-0.312	0
<i>Anthus pratensis</i>	Finland	0.002	28.31	15.64	19.3	64.95	26.07	0.730	-0.312	0
<i>Anthus pratensis</i>	Norway	0.001	5.82	15.64	19.3	64.56	18.01	0.722	-0.312	0
<i>Anthus pratensis</i>	Poland	-0.046	32.00	15.64	19.3	51.92	19.13	0.619	-0.312	0
<i>Anthus spinoletta</i>	France	-0.037	7.50	21.27	21.5	46.71	1.72	0.549	-0.237	0
<i>Anthus trivialis</i>	Denmark	-0.013	10.90	47.07	23.4	56.16	10.38	0.587	-0.210	0
<i>Apus apus</i>	Denmark	0.006	38.10	59.39	39.7	56.16	10.38	0.585	-0.205	0
<i>Ardea cinerea</i>	Denmark	0.195	62.08	1.50	1433.0	56.16	10.38	0.330	0.903	0
<i>Ardea cinerea</i>	France	0.049	26.00	1.50	1433.0	46.71	1.72	0.289	0.903	0
<i>Ardea cinerea</i>	Norway	0.207	50.00	1.50	1433.0	64.56	18.01	0.596	0.903	0
<i>Athene noctua</i>	Spain	-0.008	25.73	0.00	168.0	39.90	-2.99	0.439	0.579	1
<i>Aythya fuligula</i>	Denmark	0.015	10.68	17.08	656.5	56.16	10.38	0.603	0.651	0
<i>Buteo buteo</i>	Czech Rep.	0.012	55.26	29.57	806.5	49.80	15.48	0.502	0.896	0
<i>Buteo buteo</i>	Denmark	0.033	60.01	29.57	806.5	56.16	10.38	0.591	0.896	0
<i>Carduelis cannabina</i>	Czech Rep.	-0.011	14.93	4.11	19.0	49.80	15.48	0.547	-0.187	0
<i>Carduelis cannabina</i>	Denmark	-0.011	10.80	4.11	19.0	56.16	10.38	0.635	-0.187	0
<i>Carduelis cannabina</i>	Poland	-0.062	12.89	4.11	19.0	51.92	19.13	0.574	-0.187	0
<i>Carduelis cannabina</i>	Spain	-0.009	18.51	4.11	19.0	39.90	-2.99	0.532	-0.187	0
<i>Carduelis carduelis</i>	Czech Rep.	-0.009	14.95	1.16	15.6	49.80	15.48	0.564	-0.240	0
<i>Carduelis carduelis</i>	Denmark	0.169	10.77	1.16	15.6	56.16	10.38	0.667	-0.240	0
<i>Carduelis carduelis</i>	France	-0.002	11.00	1.16	15.6	46.71	1.72	0.524	-0.240	0

<i>Carduelis carduelis</i>	Spain	-0.022	11.52	1.16	15.6	39.90	-2.99	0.490	-0.240	0
<i>Carduelis carduelis</i>	Hungary	0.032	8.99	1.16	15.6	47.16	19.51	0.530	-0.240	0
<i>Carduelis chloris</i>	Czech Rep.	-0.021	12.98	1.34	27.7	49.80	15.48	0.507	-0.057	0
<i>Carduelis chloris</i>	Denmark	0.036	6.53	1.34	27.7	56.16	10.38	0.581	-0.057	0
<i>Carduelis chloris</i>	Finland	0.253	15.22	1.34	27.7	64.95	26.07	0.730	-0.057	0
<i>Carduelis chloris</i>	France	-0.020	7.65	1.34	27.7	46.71	1.72	0.502	-0.057	0
<i>Carduelis chloris</i>	Spain	0.033	15.92	1.34	27.7	39.90	-2.99	0.518	-0.057	0
<i>Carduelis chloris</i>	Hungary	0.050	18.43	1.34	27.7	47.16	19.51	0.501	-0.057	0
<i>Carduelis chloris</i>	Norway	0.022	5.88	1.34	27.7	64.56	18.01	0.720	-0.057	0
<i>Carduelis chloris</i>	Poland	0.009	15.11	1.34	27.7	51.92	19.13	0.531	-0.057	0
<i>Carduelis flammea</i>	Denmark	-0.001	4.50	9.46	13.1	56.16	10.38	0.622	-0.263	0
<i>Carduelis flammea</i>	Norway	-0.027	12.00	9.46	13.1	64.56	18.01	0.653	-0.263	0
<i>Carduelis spinus</i>	Finland	0.015	10.11	6.83	13.8	64.95	26.07	0.740	-0.272	0
<i>Carpodacus erythrinus</i>	Finland	-0.014	9.44	0.00	13.8	64.95	26.07	0.804	--	0
<i>Certhia brachydactyla</i>	France	0.031	7.12	0.00	9.2	46.71	1.72	0.635	-0.338	0
<i>Certhia brachydactyla</i>	Spain	0.024	11.15	0.00	9.2	39.90	-2.99	0.603	-0.338	0
<i>Certhia familiaris</i>	Denmark	0.015	4.47	0.00	9.2	56.16	10.38	0.582	-0.297	0
<i>Cettia cetti</i>	Spain	0.000	26.84	2.11	14.1	39.90	-2.99	0.564	--	0
<i>Cisticola juncidis</i>	Spain	-0.011	31.89	0.00	8.5	39.90	-2.99	0.337	--	0
<i>Clamator glandarius</i>	Spain	0.185	55.60	4.58	153.5	39.90	-2.99	0.344	0.205	0
<i>Coccothraustes coccothraustes</i>	Czech Rep.	-0.020	22.17	5.07	54.7	49.80	15.48	0.591	0.222	0
<i>Coccothraustes coccothraustes</i>	France	0.038	5.10	5.07	54.7	46.71	1.72	0.551	0.222	0
<i>Coccothraustes coccothraustes</i>	Hungary	0.038	24.00	5.07	54.7	47.16	19.51	0.556	0.222	0
<i>Columba livia</i>	France	0.024	8.00	0.00	261.0	46.71	1.72	0.403	0.303	1
<i>Columba livia</i>	Spain	0.007	30.87	0.00	261.0	39.90	-2.99	0.291	0.303	1
<i>Columba livia</i>	Hungary	0.350	6.00	0.00	261.0	47.16	19.51	0.410	0.303	1
<i>Columba oenas</i>	France	-0.012	17.75	3.45	494.5	46.71	1.72	0.546	0.333	1
<i>Columba palumbus</i>	Czech Rep.	0.028	27.26	2.03	494.5	49.80	15.48	0.521	0.365	1
<i>Columba palumbus</i>	Denmark	0.018	28.17	2.03	494.5	56.16	10.38	0.606	0.365	1
<i>Columba palumbus</i>	Finland	0.024	30.00	2.03	494.5	64.95	26.07	0.812	0.365	1
<i>Columba palumbus</i>	France	0.052	14.43	2.03	494.5	46.71	1.72	0.485	0.365	1
<i>Columba palumbus</i>	Spain	0.011	45.40	2.03	494.5	39.90	-2.99	0.461	0.365	1
<i>Columba palumbus</i>	Hungary	0.008	21.47	2.03	494.5	47.16	19.51	0.490	0.365	1
<i>Columba palumbus</i>	Norway	0.016	7.00	2.03	494.5	64.56	18.01	0.796	0.365	1
<i>Columba palumbus</i>	Poland	0.018	60.41	2.03	494.5	51.92	19.13	0.548	0.365	1
<i>Corvus corax</i>	Denmark	0.293	78.06	0.00	1200.6	56.16	10.38	0.448	1.189	0
<i>Corvus cornix</i>	Czech Rep.	-0.019	13.89	5.71	544.5	49.80	15.48	0.528	0.944	0
<i>Corvus cornix</i>	Denmark	0.011	41.15	5.71	544.5	56.16	10.38	0.579	0.944	0
<i>Corvus cornix</i>	Finland	-0.013	31.69	5.71	544.5	64.95	26.07	0.717	0.944	0
<i>Corvus cornix</i>	Hungary	0.113	24.09	5.71	544.5	47.16	19.51	0.536	0.944	0
<i>Corvus cornix</i>	Norway	0.001	17.30	5.71	544.5	64.56	18.01	0.708	0.944	0
<i>Corvus corone</i>	France	0.001	20.41	5.71	544.5	46.71	1.72	0.537	0.944	0
<i>Corvus frugilegus</i>	Denmark	0.031	46.53	2.32	453.5	56.16	10.38	0.645	0.904	1
<i>Corvus monedula</i>	Denmark	0.000	32.11	0.29	249.0	56.16	10.38	0.635	0.660	1
<i>Corvus monedula</i>	Finland	0.168	60.00	0.29	249.0	64.95	26.07	0.872	0.660	1
<i>Corvus monedula</i>	Spain	-0.030	46.86	0.29	249.0	39.90	-2.99	0.573	0.660	1
<i>Corvus monedula</i>	Poland	0.019	18.23	0.29	249.0	51.92	19.13	0.576	0.660	1
<i>Cuculus canorus</i>	Denmark	-0.010	21.72	49.38	120.5	56.16	10.38	0.562	0.164	0
<i>Cyanopica cyanus</i>	Spain	0.060	56.86	0.00	71.0	39.90	-2.99	0.579	0.314	0
<i>Delichon urbica</i>	Spain	0.026	35.51	44.25	19.6	39.90	-2.99	0.378	-0.262	0
<i>Dendrocopos major</i>	Czech Rep.	0.018	18.56	0.00	89.7	49.80	15.48	0.498	0.405	0
<i>Dendrocopos major</i>	Denmark	0.005	14.20	0.00	89.7	56.16	10.38	0.581	0.405	0
<i>Dendrocopos major</i>	France	0.033	14.00	0.00	89.7	46.71	1.72	0.460	0.405	0
<i>Dendrocopos major</i>	Spain	0.069	58.14	0.00	89.7	39.90	-2.99	0.411	0.405	0
<i>Dendrocopos major</i>	Hungary	-0.014	32.98	0.00	89.7	47.16	19.51	0.466	0.405	0
<i>Dendrocopos major</i>	Norway	0.097	9.85	0.00	89.7	64.56	18.01	0.745	0.405	0
<i>Dendrocopos syriacus</i>	Hungary	0.023	13.99	0.00	76.8	47.16	19.51	0.726	--	0
<i>Dryocopus martius</i>	France	0.069	38.71	0.00	273.0	46.71	1.72	0.517	0.870	0

