Supplementary Materials

S1. Species list and trait groups

List of 52 species included in the study. Scientific, Korean, and English common names are provided for better communication. Species nomenclature, both scientific and English common names, follow Birdlife International and IUCN's usage. Amur Wagtail is a subspecies of White Wagtail that breeds in South Korea, and we used the nomenclature that reflects the population in South Korea. The Great Tit (*Parus major minor*) population in East Asia is often referred as Eastern Great Tit or Japanese Tit, and we used Eastern Great Tit for its common name for reflecting their actual range and associate with its former conspecific European population of Great Tits (*Parus major ssp.*)

Supplementary Table S1. List of species and their trait groups used in this study.

Scientific name	Korean common name	English common name	Habitat	Migration	Diet
Tetrastes bonasia	들꿩	Hazel Grouse	Forest	Sedentary	Others
Streptopelia orietalis	멧비둘기	Oriental Turtle Dove	Farmland	Short-distance	Others
Motacilla alba leucopsis	알락할미새	Amur Wagtail	Farmland	Long-distance	Insectivorous
Urosphena squameiceps	숲새	Asian Stubtail	Forest	Long-distance	Insectivorous
Cyanopica cyanus	물까치	Azure-winged Magpie	Farmland	Sedentary	Insectivorous
Hirundo rustica	제비	Barn Swallow	Farmland	Long-distance	Insectivorous
Oriolus chinensis	꾀꼬리	Black-naped Oriole	Forest	Long-distance	Insectivorous
Cyanoptila cyanomelana	큰유리새	Blue-and-white Flycatcher	Forest	Long-distance	Insectivorous
Hypsipetes amaurotis	직박구리	Brown-eared Bulbul	Farmland	Short-distance	Insectivorous
Sturnus philippensis	쇠찌르레기	Chestnut-cheeked Starling	Farmland	Long-distance	Insectivorous
Cuculus canorus	뻐꾸기	Common Cuckoo	Farmland	Long-distance	Insectivorous
Phoenicurus auroreus	딱새	Daurian Redstart	Farmland	Short-distance	Insectivorous
Phylloscopus coronatus	산솔새	Eastern Crowned Warbler	Forest	Long-distance	Insectivorous
Parus major minor	박새	Eastern Great Tit	Forest	Sedentary	Insectivorous
Upupa epops	후투티	Eurasian Hoopoe	Farmland	Short-distance	Insectivorous
Sitta europaea	동고비	Eurasian Nuthatch	Forest	Sedentary	Insectivorous
Dendronanthus indicus	물레새	Forest Wagtail	Forest	Long-distance	Insectivorous
Turdus hortulorum	되지빠귀	Grey-backed Thrush	Forest	Long-distance	Insectivorous
Spodiopsar cineraceus	찌르레기	Grey Starling	Farmland	Short-distance	Insectivorous
Motacilla cinerea	노랑할미새	Grey Wagtail	Forest	Long-distance	Insectivorous
Cuculus micropterus	검은등뻐꾸기	Indian Cuckoo	Forest	Long-distance	Insectivorous
Motacilla grandis	검은등할미새	Japanese Wagtail	Farmland	Sedentary	Insectivorous
Cuculus poliocephalus	두견	Lesser Cuckoo	Forest	Long-distance	Insectivorous
Aegithalos caudatus	오목눈이	Long-tailed Tit	Forest	Sedentary	Insectivorous
Hierococcyx hyperythrus	매사촌	Northern Hawk-Cuckoo	Forest	Long-distance	Insectivorous
Cuculus saturatus	벙어리뻐꾸기	Oriental Cuckoo	Forest	Long-distance	Insectivorous
Eurystomus orientalis	파랑새	Oriental Dollarbird	Farmland	Long-distance	Insectivorous
Acrocephalus orientalis	개개비	Oriental Reed Warbler	Farmland	Long-distance	Insectivorous
Phylloscopus tenellipes	되솔새	Pale-legged Leaf Warbler	Forest	Long-distance	Insectivorous
Turdus pallidus	흰배지빠귀	Pale Thrush	Forest	Short-distance	Insectivorous
Cecropis daurica	귀제비	Red-rumped Swallow	Farmland	Long-distance	Insectivorous
Passer montanus	참새	Tree Sparrow	Farmland	Sedentary	Insectivorous
Sittiparus varius	곤줄박이	Varied Tit	Forest	Sedentary	Insectivorous
Zosterops japonicus	동박새	Warbling Whiteeye	Forest	Short-distance	Insectivorous
Zoothera aurea	호랑지빠귀	White s Thrush	Forest	Short-distance	Insectivorous
Eophona migratoria	밀화부리	Yellow-billed Grosbeak	Farmland	Short-distance	Insectivorous

Ficedula zanthopygia	흰눈썹황금새	Yellow-rumped Flycatcher	Forest	Long-distance	Insectivorous
Garrulus glandarius	어치	Eurasian Jay	Forest	Sedentary	Vertebrate
Pica pica	까치	Eurasian Magpie	Farmland	Sedentary	Vertebrate
Corvus macrorhynchos	큰부리까마귀	Large-billed Crow	Farmland	Sedentary	Vertebrate
Halcyon pileata	청호반새	Black-capped Kingfisher	Farmland	Long-distance	Vertebrate
Lanius cristatus	노랑때까치	Brown Shrike	Farmland	Long-distance	Vertebrate
Lanius bucephalus	때까치	Bull-headed Shrike	Farmland	Short-distance	Vertebrate
Accipiter soloensis	붉은배새매	Chinese Sparrowhawk	Farmland	Long-distance	Vertebrate
Alcedo atthis	물총새	Common Kingfisher	Farmland	Short-distance	Vertebrate
Falco subbuteo	새호리기	Eurasian Hobby	Farmland	Long-distance	Vertebrate
Falco tinnunculus	황조롱이	Eurasian Kestrel	Farmland	Short-distance	Vertebrate
Carduelis sinica	방울새	Grey-capped Greenfinch	Forest	Short-distance	Vertebrate
Halcyon coromanda	호반새	Ruddy Kingfisher	Forest	Long-distance	Vertebrate
Lanius tigrinus	칡때까치	Tiger Shrike	Forest	Long-distance	Vertebrate
Emberiza elegans	노랑턱멧새	Yellow-throated Bunting	Farmland	Short-distance	Insectivorous

S2. Model specifications for each parameter sub-models

We created 64 all possible combinations of global models for each parameter sub-models described below, including intercept-only and the 'global' models. Models for $\text{logit}(\gamma_{i,j})$ and $\text{logit}(\varepsilon_{i,j})$ include land cover change covariate (landcover_D), which is calculated:

$$Land\ cover\_D = \frac{Land\ cover\ area_{cover\ type,i=2} - Land\ cover\ area_{cover\ type,i=1}}{Land\ cover\ area_{cover\ type,i=1}}$$

, where *i* is the survey period (1:1997-2005, and 2:2013-2019).

$$\text{logit}(p_{i=1,j}) = \beta_0 + \beta_1 \times \text{Unit Area} + \beta_2 \times Elevation + \beta_3 \times Terrain\ Roughness\ Index$$

$$\text{logit}(p_{i=2,j}) = \beta_0 + \beta_1 \times \text{Unit Area} + \beta_2 \times Elevation + \beta_3 \times Terrain\ Roughness\ Index$$

$$\text{logit}(\psi_{i=1,j}) = \beta_0 + \beta_1 \times Urban\ Area_{t=1} + \beta_2 \times Forest\ Area_{t=1} + \beta_3 \times Ricefield\ Area_{t=1} + \beta_4 \times Dry - field\ Area_{t=1} + \beta_5 \times Tmax_{t=1} + \beta_6 \times Precipitation_{t=1}$$

$$\text{logit}(\gamma_j) = \beta_0 + \beta_1 \times Urban\ Area_{t=2} + \beta_2 \times Urban_D + \beta_3 \times Forest\ Area_{t=2} + \beta_4 \times Forest_D + \beta_5 \times Ricefield\ Area_{t=2} + \beta_6 \times Ricefield_D + \beta_7 \times Dry - field\ Area_{t=2} + \beta_8 \times Dry - field\_D + \beta_9 \times Tmax\_D + \beta_{10} \times Precipitation\_D$$

$$\text{logit}(\varepsilon_j) = \beta_0 + \beta_1 \times Urban\ Area_{t=2} + \beta_2 \times Urban_D + \beta_3 \times Forest\ Area_{t=2} + \beta_4 \times Forest_D + \beta_5 \times Ricefield\ Area_{t=2} + \beta_6 \times Ricefield_D + \beta_7 \times Dry - field\ Area_{t=2} + \beta_8 \times Dry - field\_D + \beta_9 \times Tmax\_D + \beta_{10} \times Precipitation\_D$$

Also note that the models we used have only one secondary period (survey occasions), as our models are single-visit models.

S3. Final models and evaluation metrics

Supplementary Table S2. Table of final model sets from the model selection procedure. Each columns describe; Akaike's information criteria (AIC), delta AIC (ΔAIC), evidence ratio (ER), goodness-of-fit test p-value (GoF p-value), **overdispersion parameter** ($\hat{c}$) and total Chi-squared for each models for each species.

Species name	Model name	AIC	ΔAIC	ER	GoF p-value	$\hat{c}$	Total Chi-squared
Amur Wagtail	Amur.Wagtail_1	1107.261	0	1	0.999	0.154	4251.088
Asian Stubtail	Asian.Stubtail_1	1158.163	0	1	0.992	0.634	5325.92
Asian Stubtail	Asian.Stubtail_10	1159.445	1.282	1.898	0.999	0.376	4408.094
Asian Stubtail	Asian.Stubtail_11	1159.448	1.285	1.901	0.995	0.561	5552.146
Asian Stubtail	Asian.Stubtail_12	1159.458	1.295	1.911	0.996	0.511	5222.904
Asian Stubtail	Asian.Stubtail_2	1158.398	0.235	1.125	0.998	0.499	4476.639
Asian Stubtail	Asian.Stubtail_3	1158.419	0.256	1.137	0.999	0.371	3662.571
Asian Stubtail	Asian.Stubtail_4	1158.427	0.264	1.141	0.969	0.626	6093.276
Asian Stubtail	Asian.Stubtail_5	1159.027	0.864	1.54	0.985	0.574	5801.874
Asian Stubtail	Asian.Stubtail_6	1159.152	0.989	1.64	0.999	0.37	3903.702
Asian Stubtail	Asian.Stubtail_7	1159.329	1.166	1.791	0.996	0.59	5341.434
Asian Stubtail	Asian.Stubtail_8	1159.345	1.182	1.806	0.999	0.451	4175.926
Asian Stubtail	Asian.Stubtail_9	1159.39	1.227	1.847	0.999	0.295	3276.432
Azure-winged Magpie	Azure.winged.Magpie_1	1069.094	0	1	0.951	0.582	7890.143
Barn Swallow	Barn.Swallow_1	988.33	0	1	0.999	0.316	6933.02
Black-capped Kingfisher	Black.capped.Kingfisher_1	856.456	0	1	0.999	0	2870.039
Black-capped Kingfisher	Black.capped.Kingfisher_2	856.935	0.479	1.271	0.999	0.233	3033.525
Black-capped Kingfisher	Black.capped.Kingfisher_3	857.836	1.38	1.994	0.999	0.339	2963.698
Black-naped Oriole	Black.naped.Oriole_1	872.711	0	1	0.999	0.005	3501.791
Blue-and-white Flycatcher	Blue.and.white.Flycatcher_1	1177.38	0	1	0.999	0.333	3392.364
Blue-and-white Flycatcher	Blue.and.white.Flycatcher_2	1177.46	0.08	1.041	0.999	0.337	3392.056
Blue-and-white Flycatcher	Blue.and.white.Flycatcher_3	1178.755	1.375	1.989	0.999	0.122	3483.806
Brown-eared Bulbul	Brown.eared.Bulbul_1	264.769	0	1	0.99	0	3002.643
Brown-eared Bulbul	Brown.eared.Bulbul_2	265.532	0.763	1.464	0.979	0	3040.225
Brown-eared Bulbul	Brown.eared.Bulbul_3	265.536	0.767	1.467	0.986	0	2619.819
Brown Shrike	Brown.Shrike_1	693.208	0	1	0.999	0	2136.815
Bull-headed Shrike	Bull.headed.Shrike_1	963.079	0	1	0.999	0	3166.868
Chestnut-cheeked Starling	Chestnut.cheeked.Starling_1	117.334	0	1	0.999	0	1359.831
Chinese Sparrowhawk	Chinese.Sparrowhawk_1	1243.53	0	1	0.999	0.272	7121.124
Common Cuckoo	Common.Cuckoo_1	871.343	0	1	0.875	0	3151.401
Common Kingfisher	Common.Kingfisher_1	1285.355	0	1	0.999	0.452	5075.361
Common Kingfisher	Common.Kingfisher_2	1285.463	0.108	1.055	0.999	0.062	4919.987
Common Kingfisher	Common.Kingfisher_3	1286.088	0.733	1.443	0.999	0.089	5619.481
Daurian Redstart	Daurian.Redstart_1	447.175	0	1	0.98	0	29499.22
Eastern Crowned Warbler	Eastern.Crowned.Warbler_1	1135.384	0	1	0.581	0.833	20384.99
Eastern Crowned Warbler	Eastern.Crowned.Warbler_2	1135.836	0.452	1.254	0.705	0.858	19115.11
Eastern Great Tit	Eastern.Great.Tit_1	205.934	0	1	0.997	0	2310.086
Eastern Great Tit	Eastern.Great.Tit_2	206.702	0.768	1.468	0.999	0	2088.499
Eurasian Hobby	Eurasian.Hobby_1	1032.519	0	1	0.999	0.092	7834.066

Eurasian Hoopoe	Eurasian.Hoopoe_1	987.43	0	1	0.999	0.08	1909.398
Eurasian Hoopoe	Eurasian.Hoopoe_2	987.659	0.229	1.121	0.999	0.137	1997.455
Eurasian Hoopoe	Eurasian.Hoopoe_3	988.304	0.874	1.548	0.999	0.131	1976.358
Eurasian Hoopoe	Eurasian.Hoopoe_4	988.575	1.145	1.773	0.999	0.128	2109.544
Eurasian Hoopoe	Eurasian.Hoopoe_5	988.593	1.163	1.789	0.999	0.127	2047.776
Eurasian Hoopoe	Eurasian.Hoopoe_6	988.613	1.183	1.807	0.999	0.093	2032.759
Eurasian Jay	Eurasian.Jay_1	521.257	0	1	0.999	0.002	3460.513
Eurasian Kestrel	Eurasian.Kestrel_1	1258.281	0	1	0.999	0.121	6707
Eurasian Magpie	Eurasian.Magpie_1	446.868	0	1	0.995	0	3687.24
Eurasian Nuthatch	Eurasian.Nuthatch_1	1249.038	0	1	0.998	0.477	7796.52
Eurasian Nuthatch	Eurasian.Nuthatch_2	1249.572	0.534	1.306	0.99	0.598	6729.581
Forest Wagtail	Forest.Wagtail_1	341.025	0	1	0.999	0	2453.761
Grey-backed Thrush	Grey.backed.Thrush_1	1184.134	0	1	0.999	0.13	6093.918
Grey-backed Thrush	Grey.backed.Thrush_2	1184.532	0.398	1.22	0.999	0.286	5482.306
Grey-capped Greenfinch	Grey.capped.Greenfinch_1	1255.565	0	1	0.991	0.447	6010.574
Grey-capped Greenfinch	Grey.capped.Greenfinch_2	1256.495	0.93	1.592	0.906	0.787	11900.83
Grey Starling	Grey.Starling_1	1123.139	0	1	0.999	0.2	5463.772
Grey Wagtail	Grey.Wagtail_1	978.94	0	1	0.999	0	3131.853
Hazel Grouse	Hazel.Grouse_1	778.248	0	1	0.999	0.015	1963.637
Indian Cuckoo	Indian.Cuckoo_1	1210.368	0	1	0.987	0.417	6740.619
Japanese Wagtail	Japanese.Wagtail_1	958.963	0	1	0.999	0.238	2213.346
Large-billed Crow	Large.billed.Crow_1	921.949	0	1	0.974	0.627	8075.736
Large-billed Crow	Large.billed.Crow_2	922.531	0.582	1.338	0.995	0.536	7760.623
Lesser Cuckoo	Lesser.Cuckoo_1	814.398	0	1	0.999	0	2642.79
Long tailed Tit	Long.tailed.Tit_1	956.834	0	1	0.709	0	2981.41
Meadow Bunting	Meadow.Bunting_1	1231.005	0	1	0.999	0	6572.401
Northern Hawk Cuckoo	Northern.Hawk.Cuckoo_1	472.728	0	1	0.941	0.443	2160.741
Oriental Cuckoo	Oriental.Cuckoo_1	1274.815	0	1	0.917	0.654	8521.297
Oriental Dollarbird	Oriental.Dollarbird_1	1117.869	0	1	0.946	0.674	8452.08
Oriental Reed Warbler	Oriental.Reed.Warbler_1	1028.001	0	1	0.999	0.396	5287.849
Oriental Reed Warbler	Oriental.Reed.Warbler_2	1028.003	0.002	1.001	0.999	0.465	6087.539
Oriental Reed Warbler	Oriental.Reed.Warbler_3	1028.344	0.343	1.187	0.999	0.402	5312.371
Oriental Reed Warbler	Oriental.Reed.Warbler_4	1029.268	1.267	1.884	0.998	0.562	7359.273
Oriental Turtle Dove	Oriental.Turtle.Dove_1	233.445	0	1	0.999	0	2472.652
Oriental Turtle Dove	Oriental.Turtle.Dove_2	233.446	0.001	1.001	0.999	0	2691.575
Oriental Turtle Dove	Oriental.Turtle.Dove_3	233.446	0.001	1.001	0.999	0	3128.029
Oriental Turtle Dove	Oriental.Turtle.Dove_4	233.447	0.002	1.001	0.999	0	2433.192
Pale-legged Leaf Warbler	Pale.legged.Leaf.Warbler_1	583.416	0	1	0.999	0.019	3377.186
Pale Thrush	Pale.Thrush_1	968.185	0	1	0.999	0.002	3317.059
Red-rumped Swallow	Red.rumped.Swallow_1	1018.807	0	1	0.999	0.316	2458.987
Red-rumped Swallow	Red.rumped.Swallow_2	1020.09	1.283	1.899	0.999	0.291	2467.032
Ruddy Kingfisher	Ruddy.Kingfisher_1	579.111	0	1	0.999	0	1616.988
Tiger Shrike	Tiger.Shrike_1	770.409	0	1	0.999	0.002	1779.453
Tree Sparrow	Tree.Sparrow_1	575.532	0	1	0.999	0.136	3993.699
Varied Tit	Varied.Tit_1	893.033	0	1	0.999	0.128	3800.705

Warbling Whiteeye	Warbling.Whiteeye_1	525.615	0	1	0.999	0	5488.268
White s Thrush	White.s.Thrush_1	1244.675	0	1	0.999	0.35	5900.974
Yellow-billed Grosbeak	Yellow.billed.Grosbeak_1	415.517	0	1	0.999	0	1865.431
Yellow-rumped Flycatcher	Yellow.rumped.Flycatcher_1	709.494	0	1	0.999	0	2398.779
Yellow-throated Bunting	Yellow.throated.Bunting_1	711.293	0	1	0.999	0	3582.47

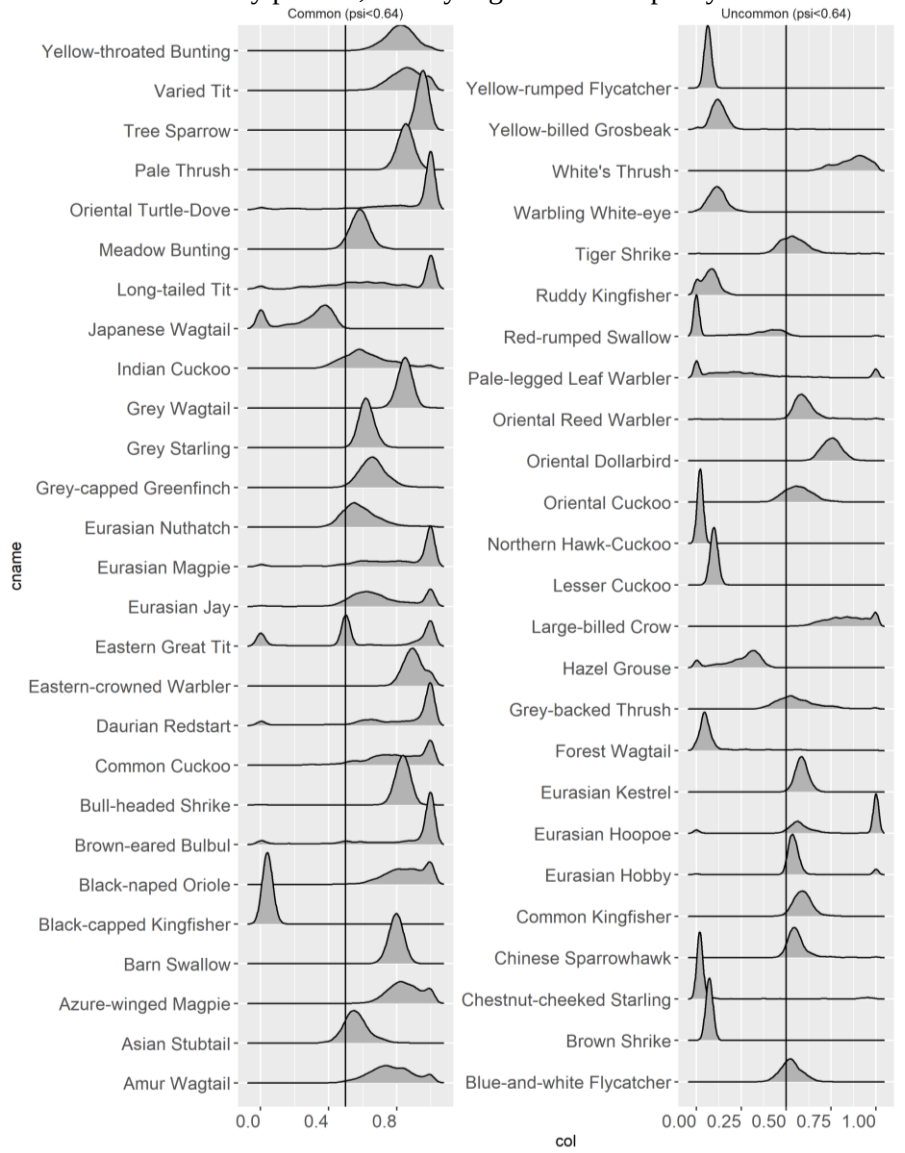
S4. Analysis of variance table for the linear mixed effect model

Supplementary Table S3. Analysis of variance table for mixed effect models.

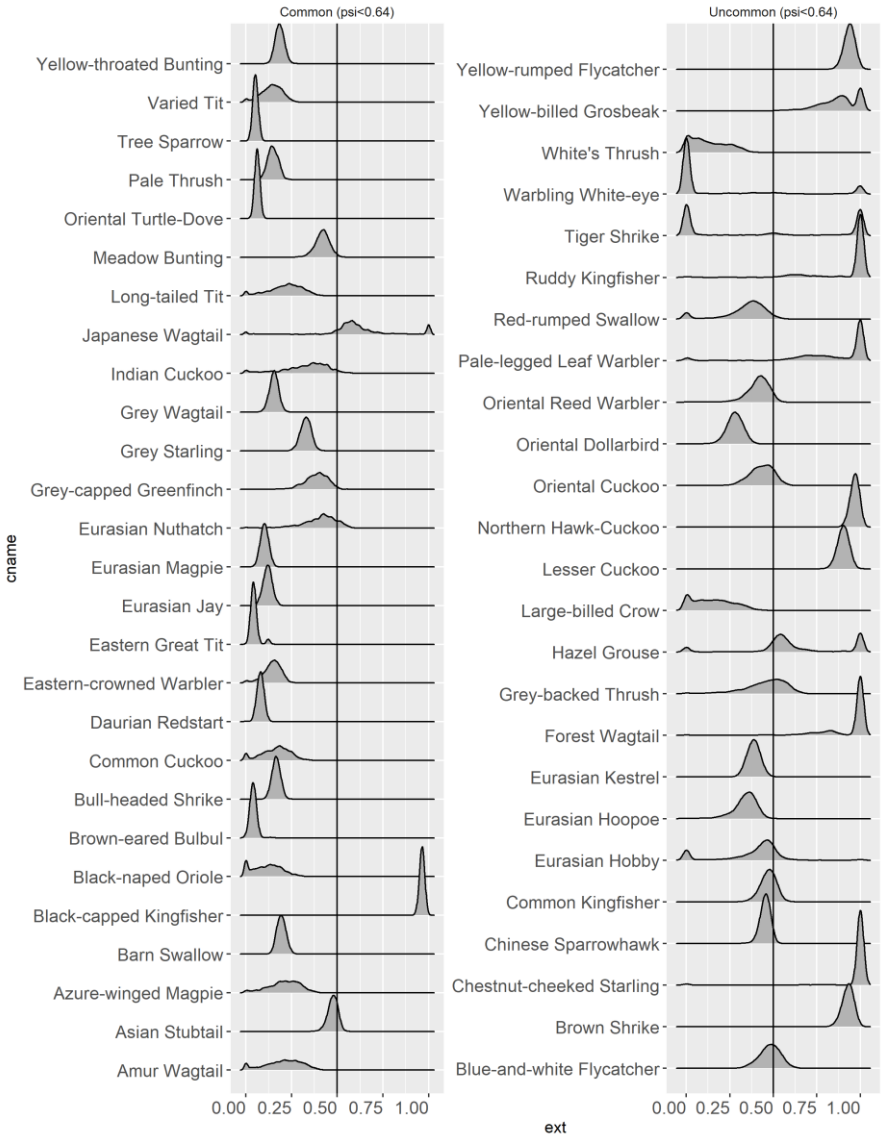
Groups	**Sum of squares**	**Mean sum of squares**	**DF**	**DF**	**F**	**p**
Diet	0.002	0.001	2.000	12.999	0.353	0.709
Initial occurrence	0.011	0.011	1.000	13.003	4.734	0.049
Habitat	0.000	0.000	1.000	13.002	0.152	0.703
Migration behavior	0.014	0.007	2.000	13.002	3.007	0.084

S5. Bootstrapped parameter distribution of probability of colonization, extinction and detection at each survey periods for each species.

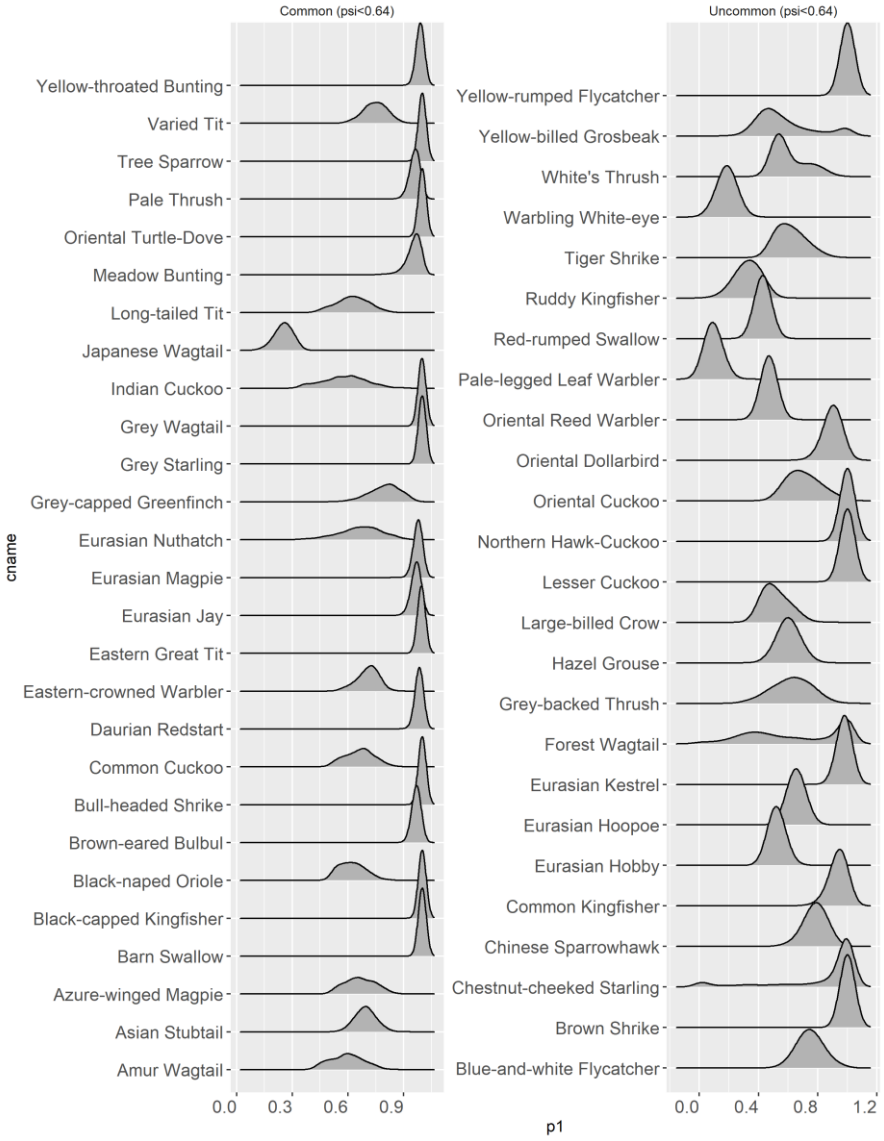
We also plotted bootstrap distribution of detection probabilities, colonization, and extinction and checked for any strong bimodal distributions (similar densities in two peaks split to 0 and 1) that might suggest that a model failed to correctly identify the maximum likelihood estimators. However, we retained models for all species, accepting uncertainty for the model estimates. As the species had very low number of detections in at least one of the survey periods, or very high naïve occupancy without variation in dynamics.



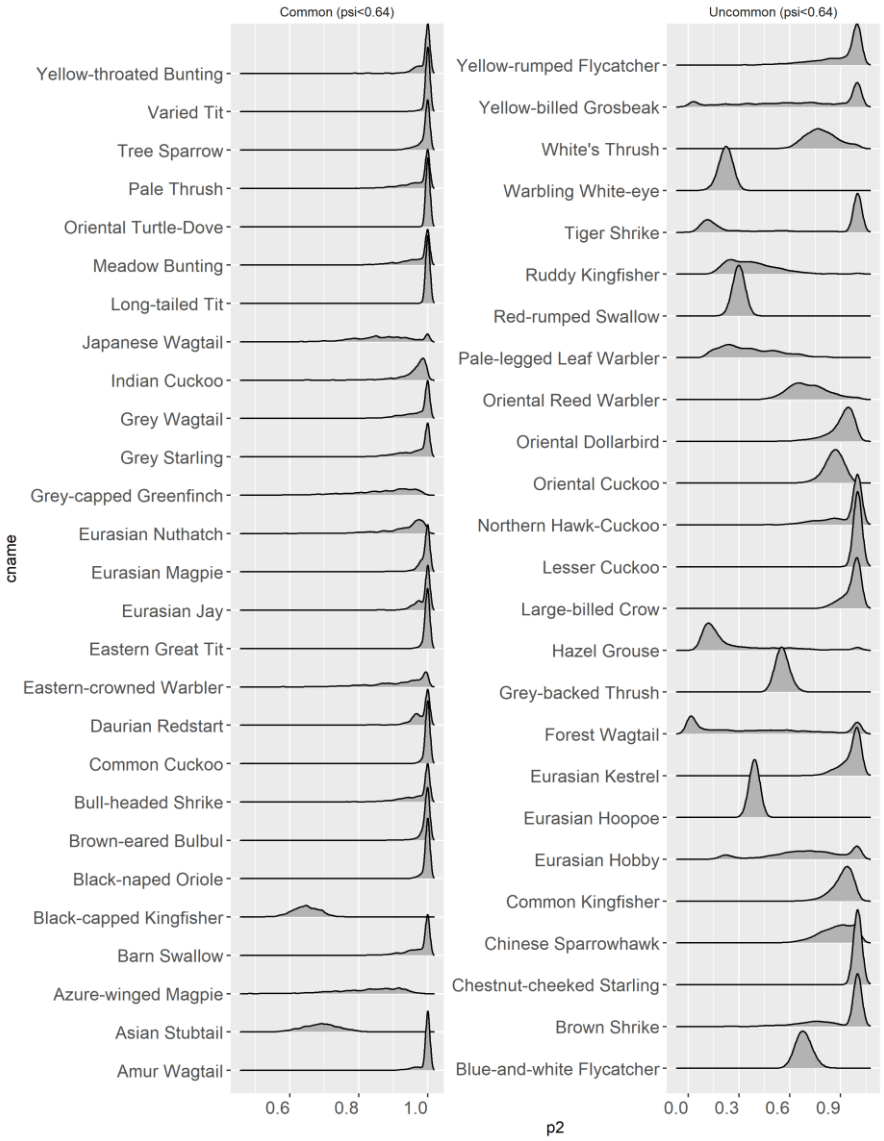
Supplementary Figure S1. Bootstrapped distribution of the mean probability of colonization for each species.



Supplementary Figure S2. Bootstrapped distribution of the mean probability of extinction for each species.



Supplementary Figure S3. Bootstrapped distribution of the mean probability of detection at the first survey period (1997-2005) for each species. Detection probability p1 is the detection probability of a species per single visit.



Supplementary Figure S4. Bootstrapped distribution of the mean probability of detection at the second survey period (2013-2019) for each species. Detection probability p2 is the detection probability of a species per single visit.

S5. Mean estimates of occupancy for 1997-2005 and 2013-2019 period, and naïve occupancy (the proportion of sites where species were detecte Occupancy (1997-2005)d).

Supplementary table S4. Occupancy estimates for two periods from the model and naïve occupancy (proportion of sites with detection of a species). Note that the lower and upper confidence intervals are 95% confidence intervals from bootstrapped distribution of parameter estimates. Occupancies for the second period (2013-2019) in our study were derived from the model.

Species	Occupancy (1997-2005)			Occupancy (2013-2019)			Naïve occupancy	
	Mean	**lower**	**upper**	**mean**	**lower**	**upper**	**1997-2005**	**2013-2019**
Amur Wagtail	0.916	0.881	0.951	0.795	0.625	0.993	0.685	0.784
Asian Stubtail	0.706	0.646	0.811	0.537	0.482	0.619	0.582	0.425
Azure-winged Magpie	0.738	0.671	0.849	0.807	0.673	0.978	0.528	0.819
Barn Swallow	0.754	0.706	0.804	0.804	0.764	0.841	0.778	0.810
Black-capped Kingfisher	0.694	0.634	0.763	0.123	0.026	0.809	0.461	0.056
Black-naped Oriole	0 981	0 965	0 993	0 886	0 731	1 000	0 756	0 881
Blue-and-white Flycatcher	0 445	0 410	0 473	0 522	0 439	0 608	0 338	0 491
Brown-eared Bulbul	0 990	0 978	1 000	0 959	0 928	0 992	0 978	0 961
Brown Shrike	0 178	0 141	0 233	0 084	0 054	0 131	0 168	0 078
Bull-headed Shrike	0 753	0 709	0 801	0 834	0 798	0 870	0 746	0 834
Chestnut-cheeked Starling	0 082	0 000	0 879	0 084	0 007	0 956	0 015	0 004
Chinese Sparrowhawk	0 621	0 564	0 697	0 553	0 508	0 627	0 627	0 384
Common Cuckoo	1 000	0 998	1 000	0 838	0 698	1 000	0 845	0 828
Common Kingfisher	0 577	0 554	0 606	0 556	0 492	0 637	0 468	0 601
Daurian Redstart	0 958	0 935	1 000	0 916	0 874	0 955	0 946	0 929
Eastern Crowned Warbler	0 665	0 613	0 716	0 871	0 801	0 974	0 616	0 552
Eastern Great Tit	0 998	0 991	1 000	0 953	0 878	0 980	0 996	0 959
Eurasian Hobby	0 288	0 198	0 579	0 575	0 492	0 774	0 578	0 599
Eurasian Hoopoe	0 542	0 510	0 577	0 705	0 394	0 876	0 196	0 300
Eurasian Jay	0 962	0 940	0 984	0 874	0 826	0 922	0 356	0 168
Eurasian Kestrel	0 589	0 551	0 633	0 603	0 553	0 654	0 948	0 886
Eurasian Magpie	0 979	0 961	1 000	0 896	0 854	0 936	0 970	0 899
Eurasian Nuthatch	0 636	0 586	0 744	0 598	0 453	0 870	0 487	0 582
Forest Wagtail	0 213	0 011	0 982	0 051	0 021	0 106	0 099	0 004
Grey-backed Thrush	0 449	0 406	0 494	0 558	0 399	0 879	0 280	0 578
Grey-capped Greenfinch	0 644	0 589	0 731	0 631	0 533	0 766	0 498	0 657
Grey Starling	0 746	0 695	0 803	0 659	0 616	0 709	0 748	0 666
Grey Wagtail	0 718	0 670	0 766	0 847	0 809	0 887	0 711	0 843
Hazel Grouse	0 377	0 112	0 702	0 314	0 155	0 521	0 170	0 138
Indian Cuckoo	0 831	0 779	0 900	0 668	0 488	0 968	0 578	0 653
Japanese Wagtail	0 656	0 599	0 720	0 350	0 055	0 695	0 147	0 364
Large-billed Crow	0 365	0 330	0 397	0 847	0 652	0 998	0 280	0 849
Lesser Cuckoo	0 234	0 194	0 288	0 103	0 076	0 138	0 224	0 099
Long-tailed Tit	1 000	1 000	1 000	0 785	0 629	1 000	0 834	0 772

Meadow Bunting	0 687	0 642	0 741	0 582	0 520	0 652	0 672	0 575
Northern Hawk Cuckoo	0 048	0 024	0 079	0 220	0 015	0 937	0 078	0 073
Oriental Cuckoo	0 608	0 567	0 662	0 567	0 465	0 698	0 224	0 341
Oriental Dollarbird	0 597	0 555	0 646	0 734	0 667	0 814	0 502	0 489
Oriental Reed Warbler	0 352	0 301	0 407	0 602	0 529	0 738	0 526	0 795
Oriental Turtle Dove	1 000	1 000	1 000	0 000	0 000	0 000	0 987	0 961
Pale-legged Leaf Warbler	0 583	0 273	1 000	0 222	0 005	0 710	0 108	0 08
Pale Thrush	0 729	0 687	0 778	0 852	0 801	0 900	0 713	0 849
Red-rumped Swallow	0 543	0 503	0 591	0 449	0 285	0 743	0 334	0 175
Ruddy Kingfisher	0 309	0 184	0 487	0 076	0 000	0 203	0 108	0 073
Tiger Shrike	0 147	0 050	0 412	0 538	0 349	0 737	0 084	0 22
Tree Sparrow	0 920	0 884	0 953	0 948	0 927	0 969	0 877	0 946
Varied Tit	0 960	0 936	0 980	0 859	0 760	0 993	0 823	0 851
Warbling Whiteeye	0 276	0 219	0 327	0 312	0 076	0 441	0 108	0 069
White s Thrush	0 506	0 489	0 524	0 871	0 693	0 991	0 461	0 496
Yellow-billed Grosbeak	0 105	0 028	0 815	0 124	0 067	0 191	0 047	0 067
Yellow-rumped Flycatcher	0 188	0 147	0 238	0 139	0 052	0 790	0 164	0 088
Yellow-throated Bunting	0 932	0 909	0 958	0 815	0 769	0 857	0 927	0 81