Supplementary Material

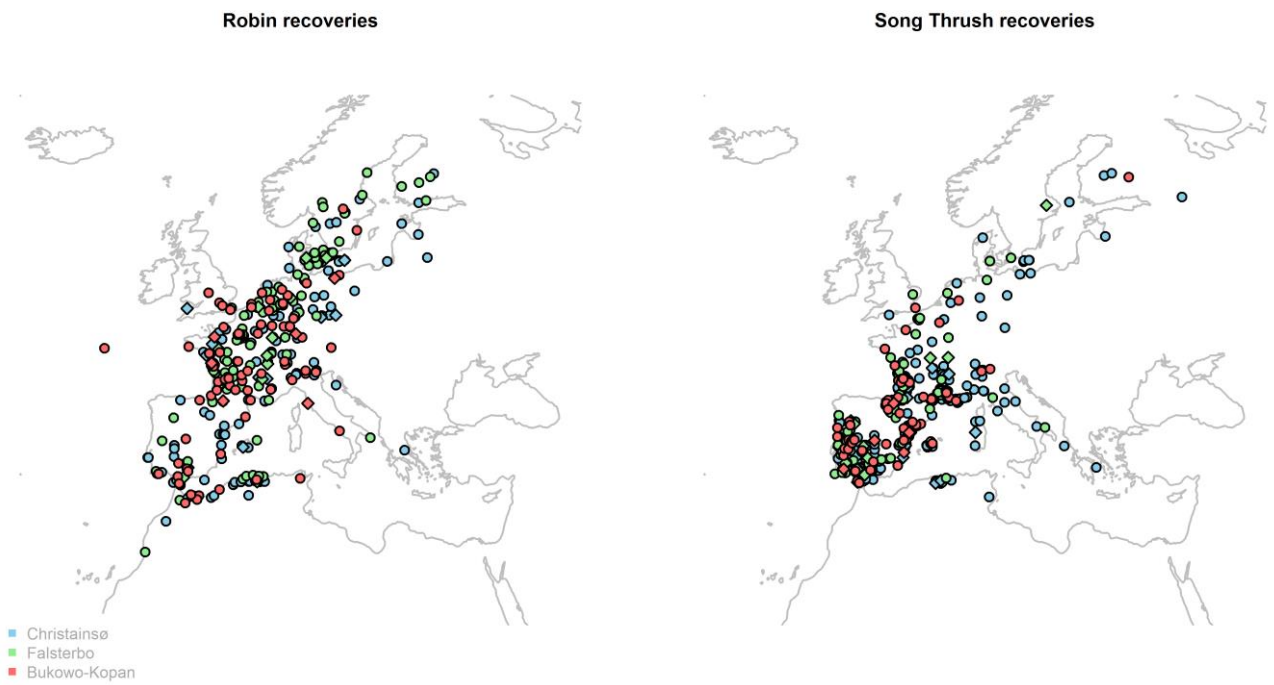

Fig. S1 Distribution of dead only recoveries from ringing data used in this analysis for Robin and Song Thrush. Birds ringed at each of the three ringing stations are denoted by colour and those ringed as immature birds as ● and as adults ◆.

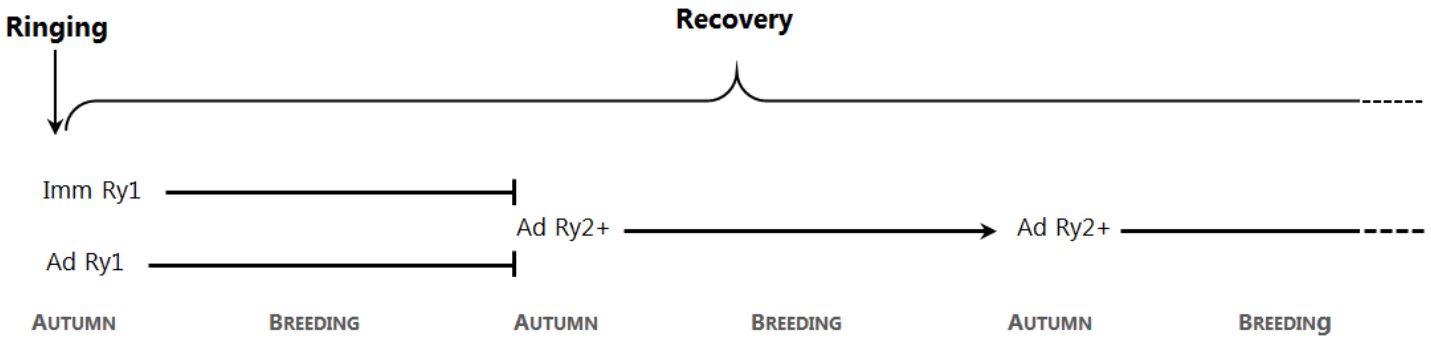

Fig. S2 Survival model conceptual diagram of TimeAge parameters. All years are combined, as such time is the interval following ringing. Birds ringed in autumn and recovered within 12 months are classed as Ry1, whereby those ringed as adults are Ad and those in their first year as Imm, in all following 12 month periods; all birds are recovered as adults and the second or more years after ringing.

model		Robin						Song Thrush					
		Falsterbo		Christainsø		Bukowo- Kopań		Falsterbo		Christainsø		Bukowo- Kopań	
		S	± S.E.	S	± S.E.	S	± S.E.	S	± S.E.	S	± S.E.	S	± S.E.
S(Age*Site) r(Site)	Ad	0.273	0.067	0.354	0.059	0.433	0.081	0.510	0.056	0.469	0.038	0.457	0.077
	Imm	0.185	0.037	0.215	0.036	0.211	0.046	0.364	0.051	0.336	0.031	0.317	0.060
		r	± S.E.	r	± S.E.	r	± S.E.	R	± S.E.	r	± S.E.	r	± S.E.
	Combined	0.00141	0.00013	0.00148	0.00012	0.00129	0.00014	0.0109	0.00109	0.0097	0.0006	0.0082	0.0010
S(TimeAge*Site) r(Site)		S	± S.E.	S	± S.E.	S	± S.E.	S	± S.E.	S	± S.E.	S	± S.E.
	Ad Ry1	0.083	0.080	0.143	0.094	0.167	0.152	0.637	0.145	0.445	0.117	0.400	0.219
	Ad Ry2	0.344	0.084	0.4129	0.070	0.472	0.091	0.490	0.059	0.472	0.041	0.464	0.082
	Imm	0.185	0.037	0.215	0.036	0.211	0.046	0.364	0.051	0.336	0.031	0.317	0.060
		r	± S.E.	r	± S.E.	r	± S.E.	R	± S.E.	r	± S.E.	r	± S.E.
	Combined	0.00141	0.00013	0.00148	0.00012	0.00129	0.00014	0.0109	0.00109	0.0097	0.0006	0.0082	0.0010

Table S1 Survival (S) and recovery (r) estimates for classic two-age and site model {S(Age*Site)r(Site)}, for adults and immature birds for 12 month intervals when ringed at each site.