

Appendix 1.

Table A1.1 Model output for the calculation of trends in breeding abundance within each management period (Hen Harrier, Merlin) or across the whole study period (Peregrine, Buzzard, Raven).

Species	Period	Variables	Estimate	SE	t	P
Hen Harrier	1992-1999	Intercept	-370.0	128.0	-2.90	0.027
		Year	0.1866	0.0639	2.92	0.027
	2000-2007	Intercept	356.0	140.0	2.54	0.044
		Year	-0.1772	0.0702	-2.53	0.045
	2008-2016	Intercept	-507.0	182.0	-2.79	0.027
		Year	0.2525	0.0902	2.80	0.026
Merlin	1992-1999	Intercept	-48.1	67.2	-0.72	0.501
		Year	0.0247	0.0337	0.73	0.491
	2000-2007	<i>Insufficient data</i>	-	-	-	-
	2008-2016	Intercept	-391.0	110.0	-3.56	0.009
		Year	0.1952	0.0546	3.58	0.009
	Peregrine	1992-2018	Intercept	49.7	31.2	1.59
Year			-0.0243	0.0156	-1.56	0.118
Buzzard	1993-2018 (pairs)	Intercept	-90.1	23.5	-3.84	0.003
		Year	0.0460	0.0117	3.95	0.003
	1992-2018 (BBS)	Intercept	-156.6	44.4	-3.52	0.002
		Year	0.0770	0.0221	3.48	0.002
Raven	1994-2018	Intercept	-26.0	35.1	-0.74	0.458
		Year	0.0137	0.0175	0.78	0.434