Table A3.1. Model results for nest densities for the most common breeding songbirds in olive groves of southern Spain: *Linaria cannabina*, *Chloris chloris* and *Serinus serinus*. Linear models including the effect of herbaceous cover and year were used.

		F-value	p-value
Linnaria cannabina	cover	2.821	0.104
	year	0.052	0.950
Chloris chloris	cover	8.617	0.007
	year	1.298	0.289
Serinus serinus	cover	9.640	0.004
	year	0.200	0.820

Table A3.2. Model results for the overall breeding success and the transition probabilities between different stages of the breeding cycle for all bird species, and for the most common breeding songbirds in olive groves of southern Spain: *Linaria cannabina*, *Chloris chloris* and *Serinus serinus*. Generalized Linear Models including site as random effect and the effect of herbaceous cover and year as fixed effects were used.

a. all birds		Chisq	p-value
Breeding success	cover	1.098	0.295
	year	4.001	0.135
Breeding	cover	1.124	0.289
	year	3.363	0.186
Hatching	cover	6.827	0.009
	year	10.795	0.005
Fledging	cover	0.003	0.959
	year	3.139	0.208
b. Linnaria cannabina			
Breeding success	cover	1.271	0.26
	year	1.694	0.193
Breeding	cover	2.426	0.119
	year	5.497	0.064
Hatching	cover	2.028	0.154
	year	3.873	0.144
Fledging	model failed to converge		
c. Chloris chloris			
Breeding success	cover	0.393	0.822
	year	4.773	0.189
Breeding	cover	3.425	0.064
	year	1.980	0.372
Hatching	cover	0.283	0.595
	year	10.245	0.006
Fledging	cover	0.063	0.802
	year	2.606	0.272
d. Serinus serinus			
Breeding success	cover	0.615	0.433
	year	3.268	0.195
Breeding	cover	0.728	0.394
	year	6.618	0.037
Hatching	cover	0.199	0.655
	year	2.192	0.334
Fledging	cover	2.328	0.127
	year	1.983	0.371