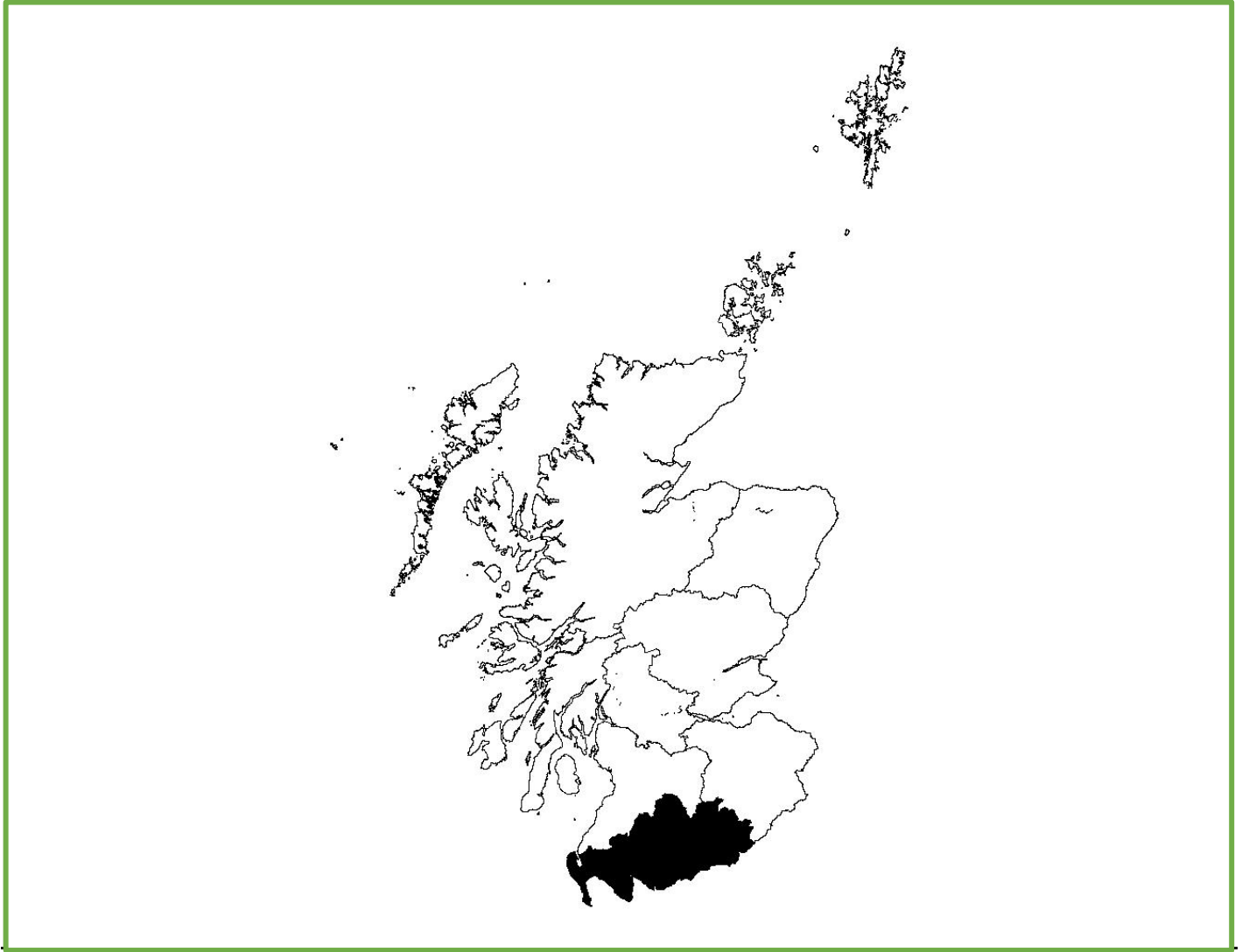


# Dumfries & Galloway



**Figure 1:** Dumfries & Galloway.

Trends in breeding numbers are available for seven species and trends in breeding success for seven of the 13 species for which the SRMS holds records for Dumfries & Galloway (Table 1).

## *Goshawk*

The number of breeding pairs showed no significant change. Breeding success decreased significantly (-1.4%). No trends are available for clutch size or brood size but the number of fledglings showed no significant change (Figure 2).

## *Hen Harrier*

The number of breeding pairs showed no significant change. No trends are available for breeding success, clutch size, brood size or the number of fledglings (Figure 3).

## *Red Kite*

The number of breeding pairs increased significantly (+4%) while breeding success showed no significant change. No trends are available for clutch size or brood size but the number of fledglings decreased significantly (-5.4%) (Figure 4).

## *Buzzard*

No trend is available for the number of breeding pairs. Breeding success showed no significant change. No trends are available for clutch size or brood size but the number of fledglings showed no significant change (Figure 5).

## *Barn Owl*

The number of breeding pairs (-5.9%) and breeding success (-0.8%) decreased significantly while clutch

size, brood size and the number of fledglings showed no significant change (Figure 6).

#### *Tawny Owl*

The number of breeding pairs and breeding success showed no significant change. Clutch size showed no significant change. No trends are available for brood size or the number of fledglings (Figure 7).

#### *Peregrine*

The number of breeding pairs and breeding success showed no significant change. Clutch and brood size showed no significant change but the number of fledglings decreased significantly (-2.4%) (Figure 8).

#### *Raven*

The number of breeding pairs increased significantly (+5.4%) while breeding success showed no significant change. No trends are available for clutch size or brood size but the number of fledglings showed no significant change (Figure 9).

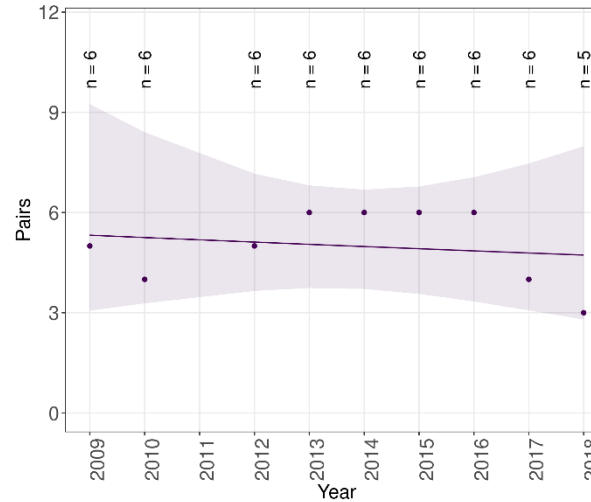
**Table 1:** Summary of SRMS trends for Dumfries & Galloway during 2009-2018. Figures in parentheses indicate the annual change, with significant increases highlighted in green, significant decreases highlighted in blue and non-significant changes highlighted in grey. ‘—’ indicates where the species occurs but no trend is available. ‘Absent’ indicates where the species is not known to breed.

Species:	Pairs	Success	Clutch size	Brood size	Number of fledglings
Osprey	—	—	—	—	—
Golden Eagle	—	—	—	—	—
Sparrowhawk	—	—	—	—	—
Goshawk	Not significant <sup>s</sup>	Decrease (-1.4%)	—	—	Not significant
Hen Harrier	Not significant <sup>s</sup>	—	—	—	—
Red Kite	Increase <sup>x</sup> (4%)	Not significant <sup>x</sup>	—	—	Decrease (-5.4%)
White-tailed Eagle	Absent	Absent	Absent	Absent	Absent
Buzzard	—	Not significant <sup>rs</sup>	—	—	Not significant <sup>s</sup>
Barn Owl	Decrease <sup>n</sup> (-5.9%)	Decrease <sup>n</sup> (-0.8%)	Not significant	Not significant	Not significant
Tawny Owl	Not significant	Not significant <sup>ns</sup>	Not significant	—	—
Kestrel	—	—	—	—	—
Merlin	—	—	—	—	—
Peregrine	Not significant	Not significant	Not significant <sup>s</sup>	Not significant <sup>s</sup>	Decrease (-2.4%)
Raven	Increase (5.4%)	Not significant <sup>r</sup>	—	—	Not significant

<sup>a</sup> All data used, <sup>n</sup> Nestbox based, <sup>r</sup> No home range random effect, <sup>s</sup> Sample sizes small, <sup>x</sup> Expanding population.

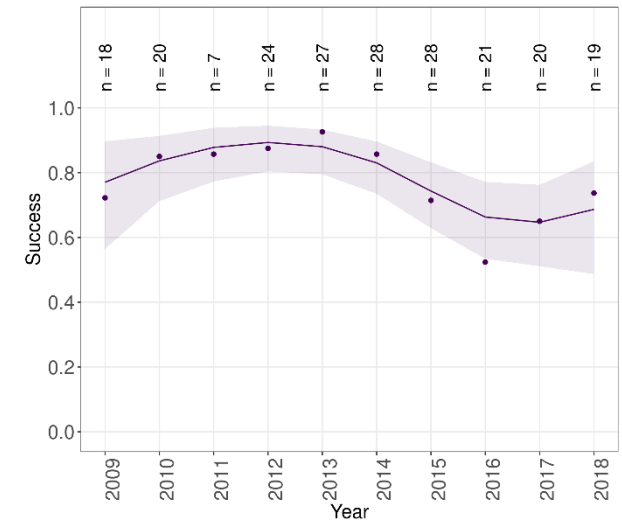


Trend in Pairs of Goshawk in Dumfries & Galloway using SRMS data



Dumfries & Galloway trend: Not significant (caveats: Sample sizes small)

Trend in Success of Goshawk in Dumfries & Galloway using SRMS data

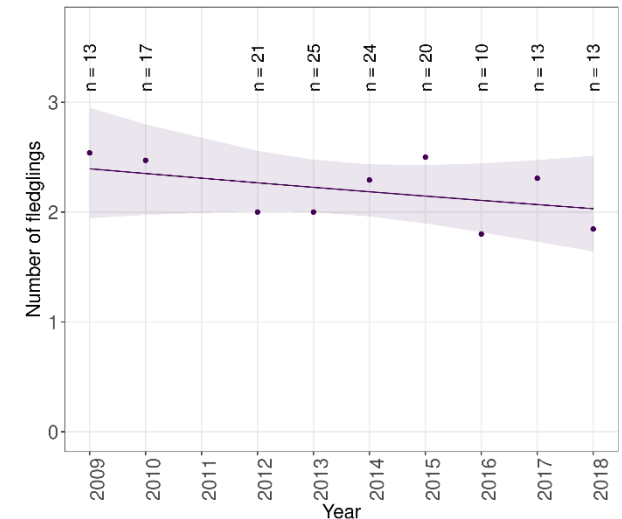


Dumfries & Galloway trend: Decrease

No trend available  
for clutch size

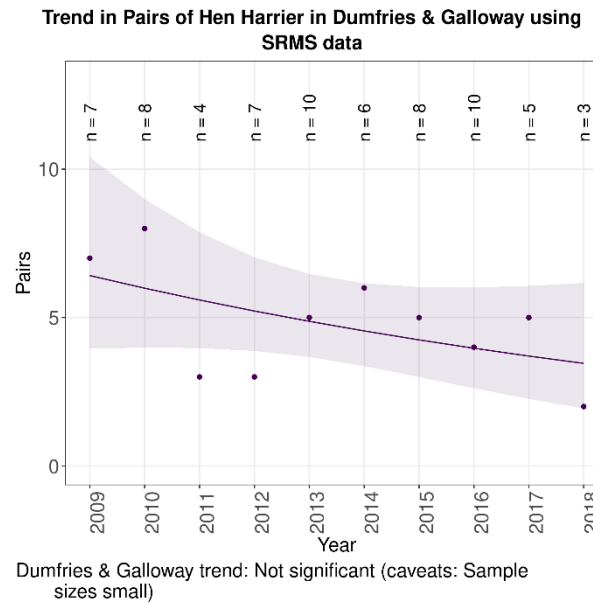
No trend available  
for brood size

Trend in Number of fledglings of Goshawk in Dumfries & Galloway using SRMS data



Dumfries & Galloway trend: Not significant

**Figure 2:** Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Goshawk in Dumfries & Galloway during 2009-2018.



No trend available  
for breeding success

No trend available  
for clutch size

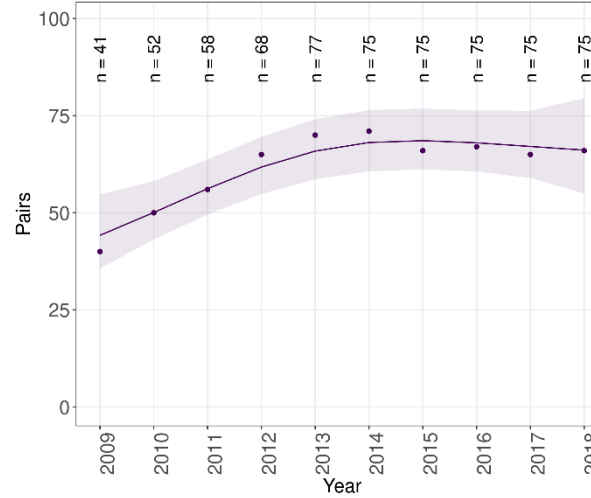
No trend available  
for brood size

No trend available  
for number of fledglings

**Figure 3:** Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Hen Harrier in Dumfries & Galloway during 2009-2018.

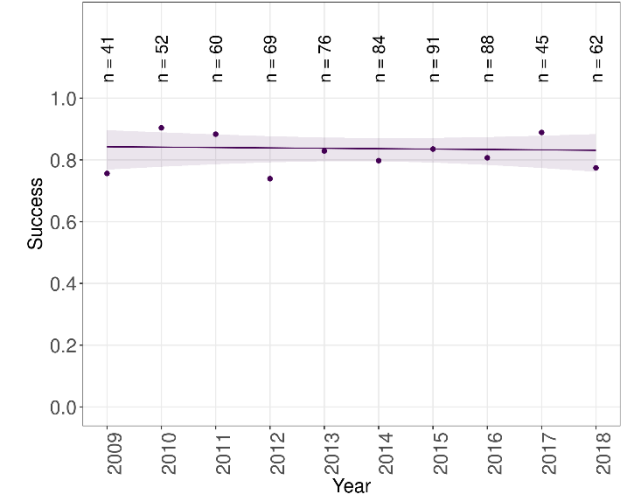


Trend in Pairs of Red Kite in Dumfries & Galloway using SRMS data



Dumfries & Galloway trend: Increase (caveats: Expanding population)

Trend in Success of Red Kite in Dumfries & Galloway using SRMS data

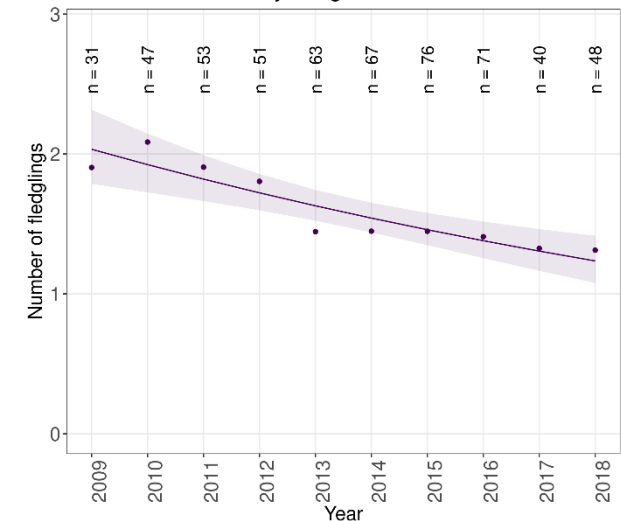


Dumfries & Galloway trend: Not significant (caveats: Expanding population)

No trend available  
for clutch size

No trend available  
for brood size

Trend in Number of fledglings of Red Kite in Dumfries & Galloway using SRMS data



Dumfries & Galloway trend: Decrease

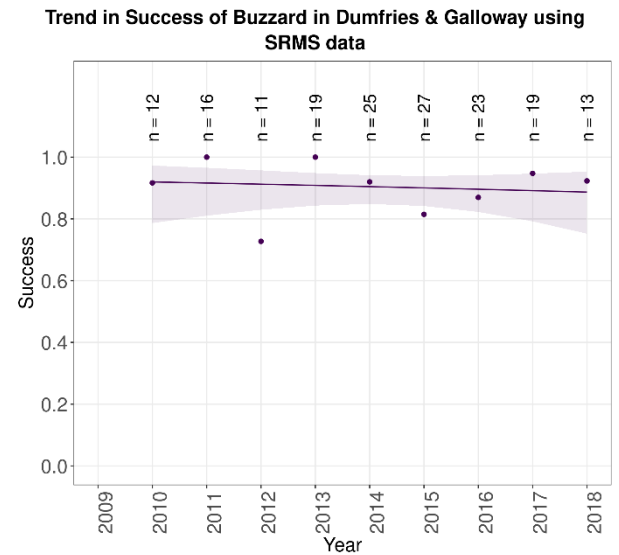
**Figure 4:** Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Red Kite in Dumfries & Galloway during 2009-2018.



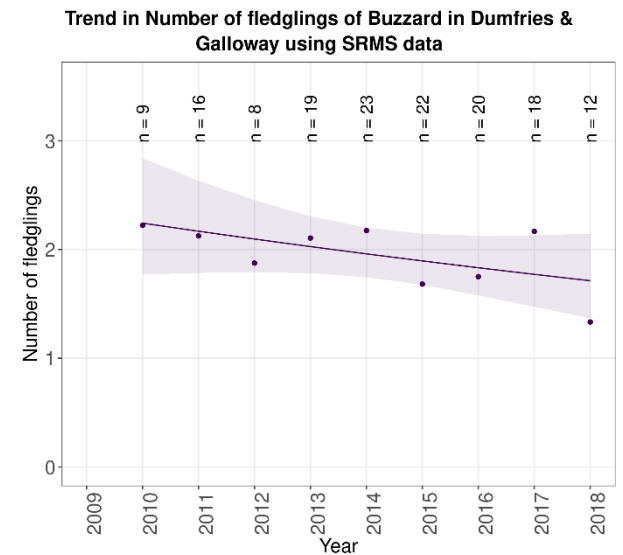
No trend available  
for breeding pairs

No trend available  
for clutch size

No trend available  
for brood size



Dumfries & Galloway trend: Not significant (caveats: Sample sizes small, No home range random effect)



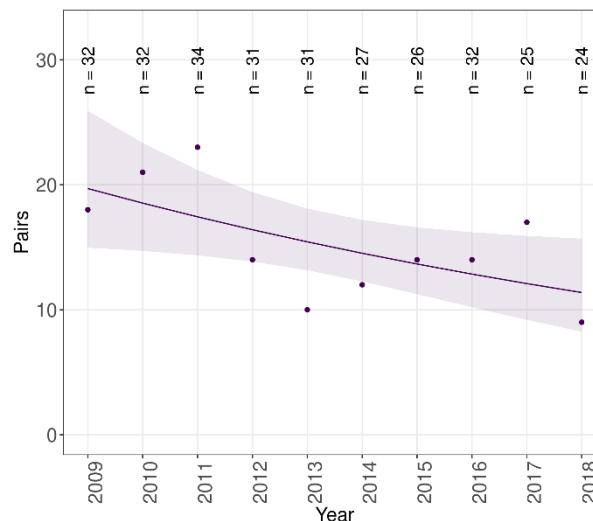
Dumfries & Galloway trend: Not significant (caveats: Sample sizes small)

**Figure 5:** Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Buzzard in Dumfries & Galloway during 2009-2018.



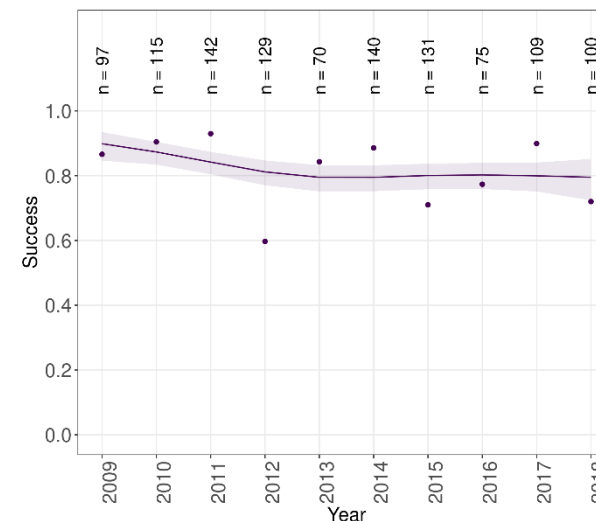


**Trend in Pairs of Barn Owl in Dumfries & Galloway using SRMS data**



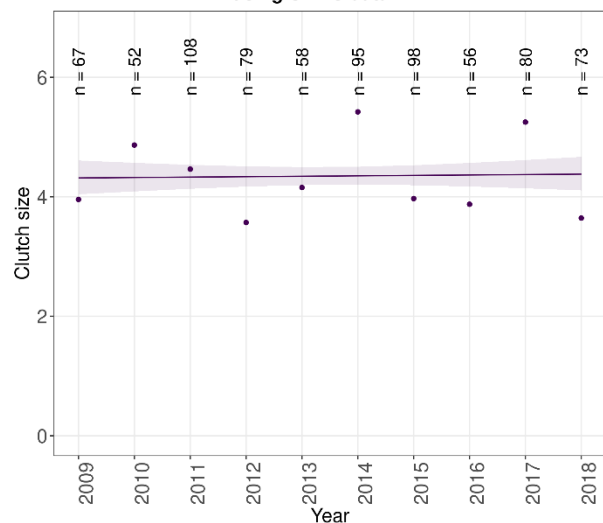
Dumfries & Galloway trend: Decrease (caveats: Nestbox based)

**Trend in Success of Barn Owl in Dumfries & Galloway using SRMS data**



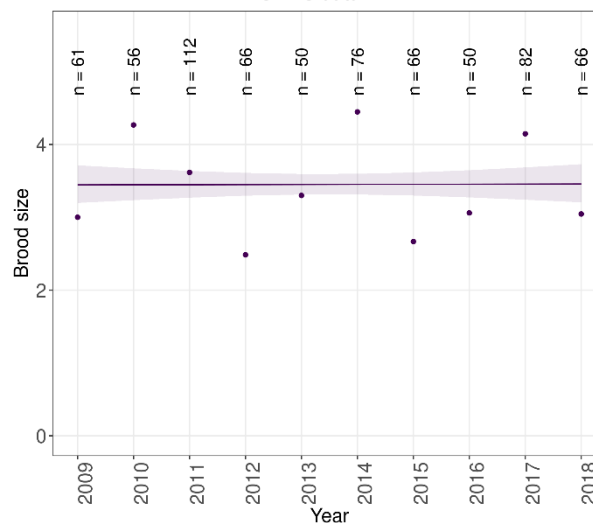
Dumfries & Galloway trend: Decrease (caveats: Nestbox based)

**Trend in Clutch size of Barn Owl in Dumfries & Galloway using SRMS data**



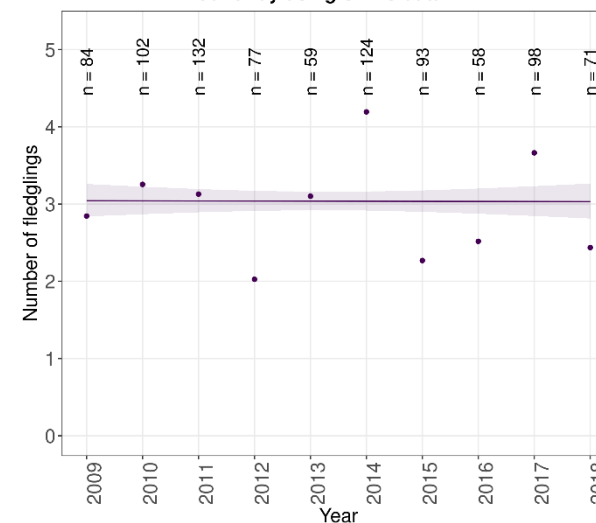
Dumfries & Galloway trend: Not significant

**Trend in Brood size of Barn Owl in Dumfries & Galloway using SRMS data**



Dumfries & Galloway trend: Not significant

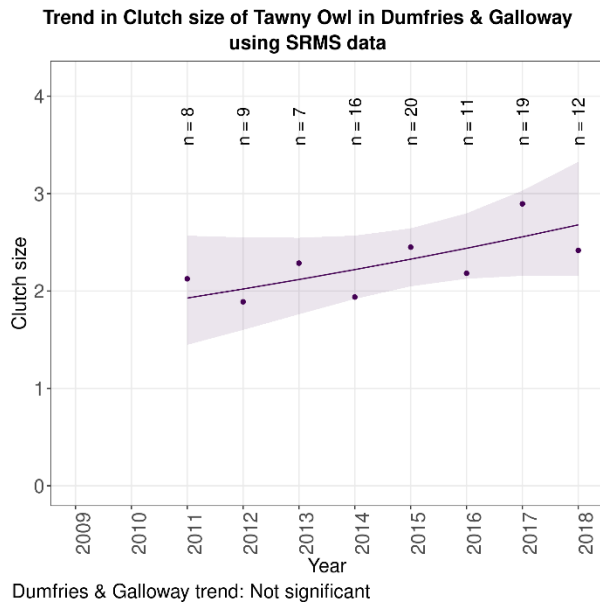
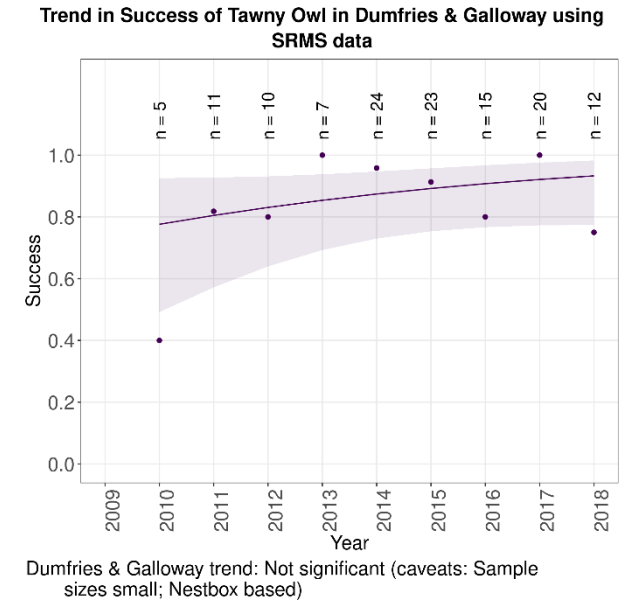
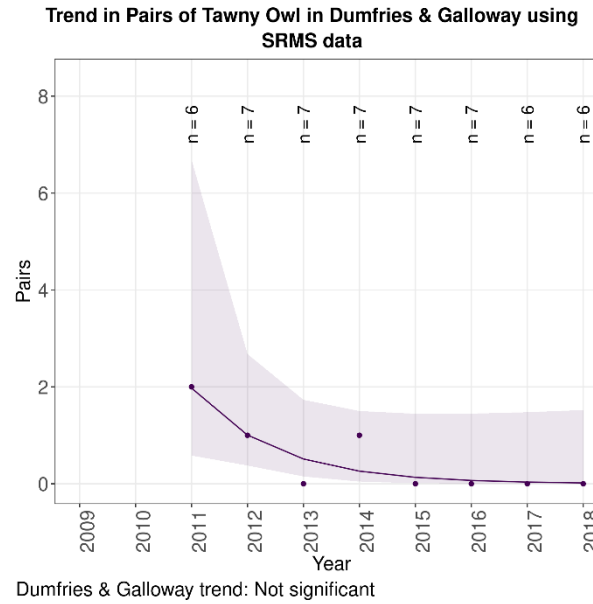
**Trend in Number of fledglings of Barn Owl in Dumfries & Galloway using SRMS data**



Dumfries & Galloway trend: Not significant

**Figure 6:** Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Barn Owl in Dumfries & Galloway during 2009-2018.





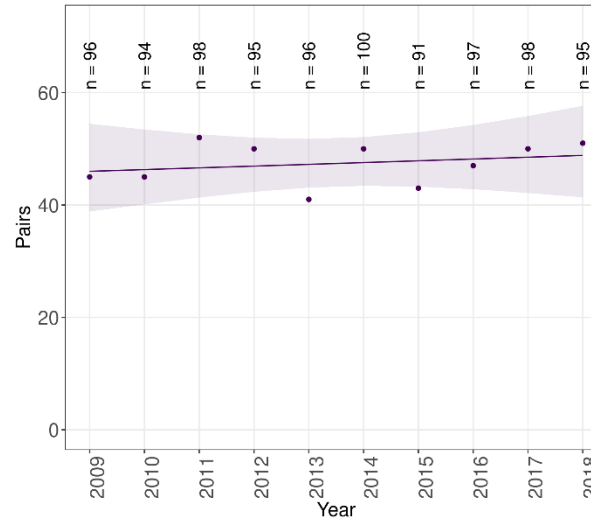
No trend available  
for brood size

No trend available  
for number of fledglings

**Figure 7:** Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Tawny Owl in Dumfries & Galloway during 2009-2018.

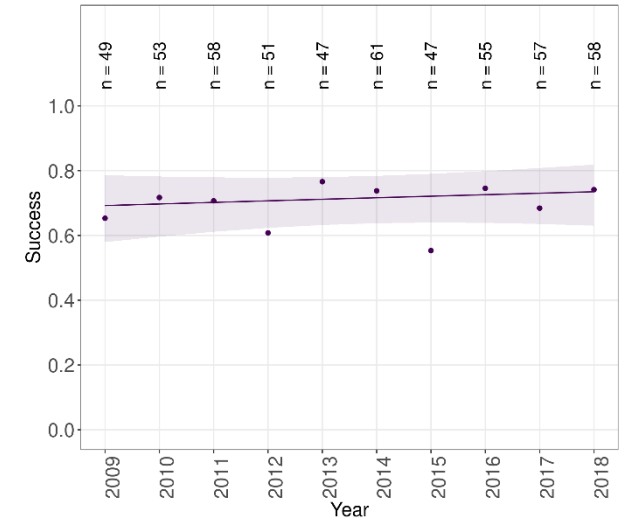


**Trend in Pairs of Peregrine in Dumfries & Galloway using SRMS data**



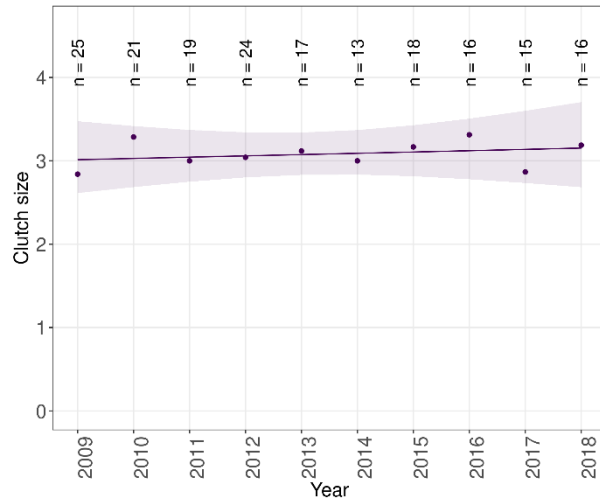
Dumfries & Galloway trend: Not significant

**Trend in Success of Peregrine in Dumfries & Galloway using SRMS data**



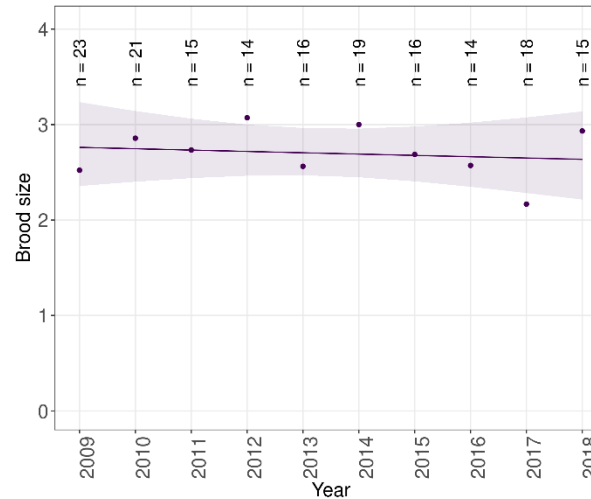
Dumfries & Galloway trend: Not significant

**Trend in Clutch size of Peregrine in Dumfries & Galloway using SRMS data**



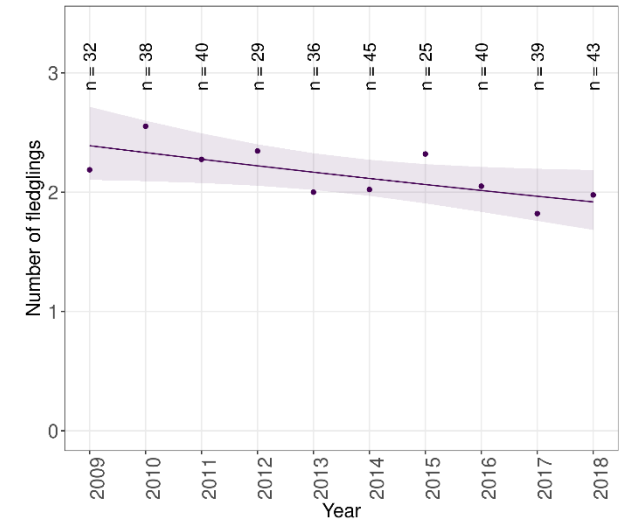
Dumfries & Galloway trend: Not significant (caveats: Sample sizes small)

**Trend in Brood size of Peregrine in Dumfries & Galloway using SRMS data**



Dumfries & Galloway trend: Not significant (caveats: Sample sizes small)

**Trend in Number of fledglings of Peregrine in Dumfries & Galloway using SRMS data**

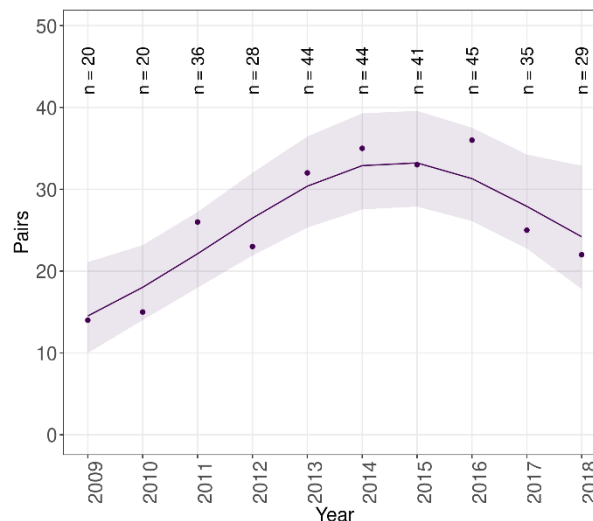


Dumfries & Galloway trend: Decrease

**Figure 8:** Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Peregrine in Dumfries & Galloway during 2009-2018.

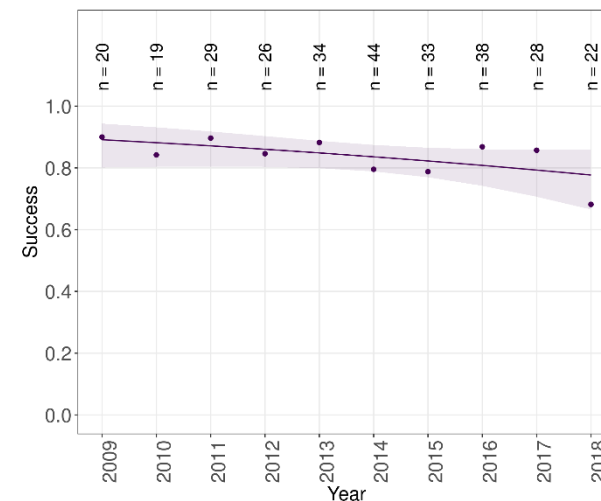


Trend in Pairs of Raven in Dumfries & Galloway using SRMS data



Dumfries & Galloway trend: Increase

Trend in Success of Raven in Dumfries & Galloway using SRMS data

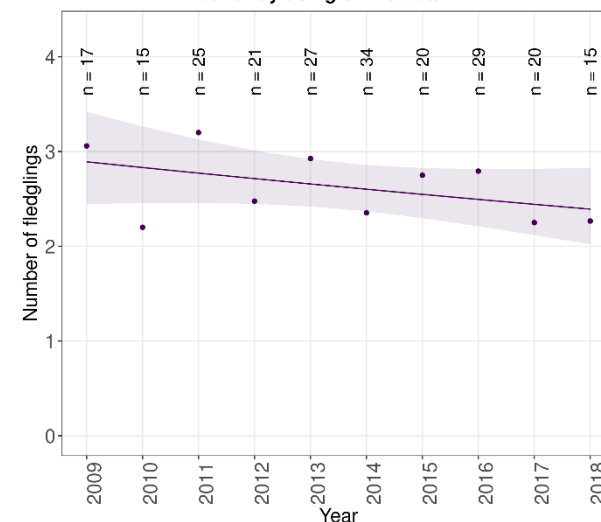


Dumfries & Galloway trend: Not significant (caveats: No home range random effect)

No trend available  
for clutch size

No trend available  
for brood size

Trend in Number of fledglings of Raven in Dumfries & Galloway using SRMS data



Dumfries & Galloway trend: Not significant

**Figure 9:** Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Raven in Dumfries & Galloway during 2009-2018.