

NHZ 14. Argyll West and Islands

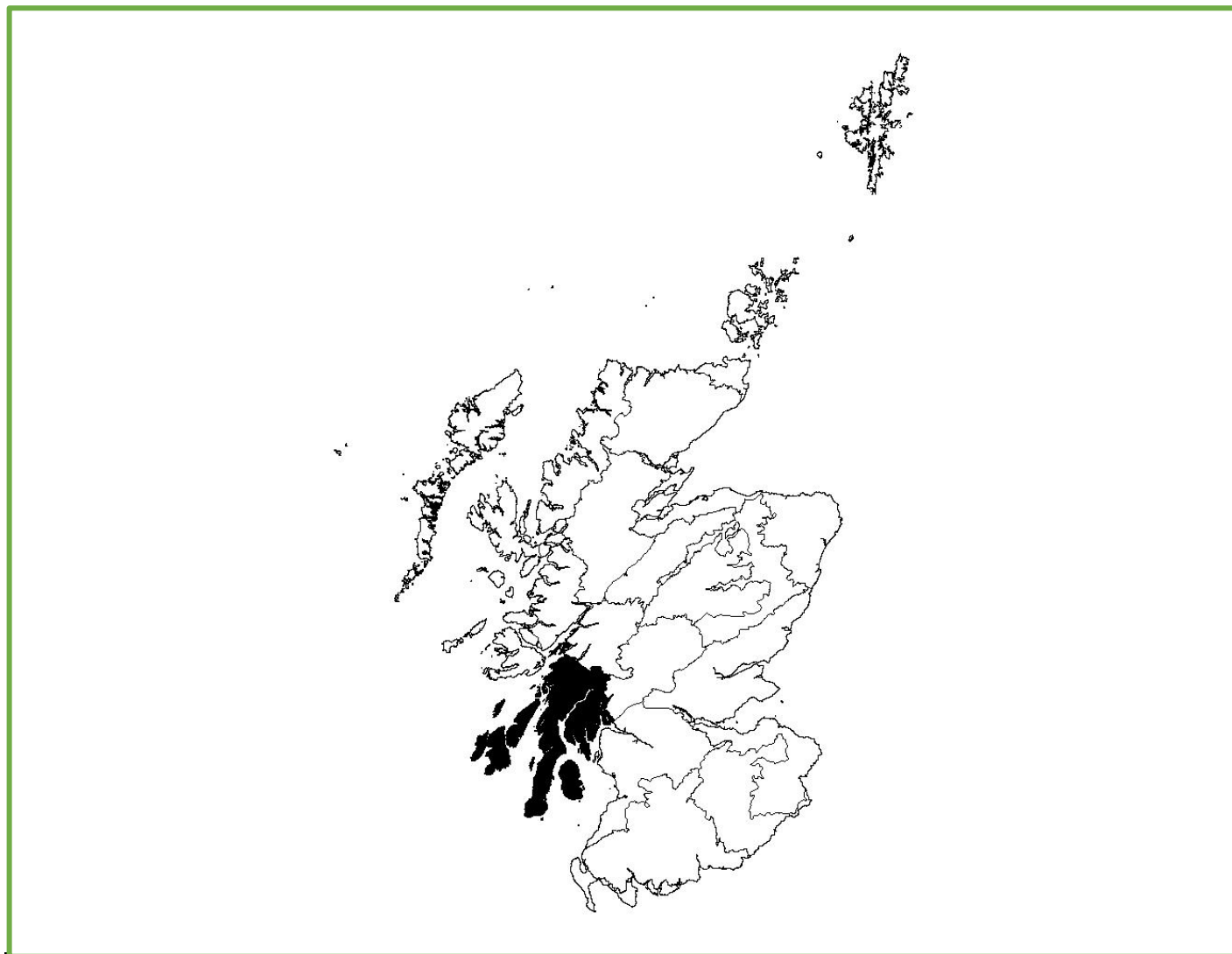


Figure 1: NHZ 14. Argyll West and Islands.

Trends in breeding numbers are available for six species and trends in breeding success for seven of the 13 species for which the SRMS holds records for NHZ 14. Argyll West and Islands (Table 1).

Osprey

The number of breeding pairs and breeding success showed no significant change. No trends are available for clutch size, brood size but the number of fledglings showed no significant change (Figure 2).

Golden Eagle

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

Hen Harrier

No trend is available for the number of breeding pairs. Breeding success showed no significant change. No trends are available for clutch size, brood size or the number of fledglings (Figure 4).

White-tailed Eagle

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 5).

Buzzard

The number of breeding pairs decreased significantly (-4.2%) while breeding success showed non-linear variation. Trends are not available for clutch size or brood size but the number of fledglings showed no significant change (Figure 6).

Barn Owl

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 there was a significant increase in the number of fledglings (3.6%) (Figure 7).

Peregrine

The number of breeding pairs decreased significantly (-11%) while breeding success showed no significant change. No trends are available for clutch size, brood size or the number of fledglings (Figure 8).

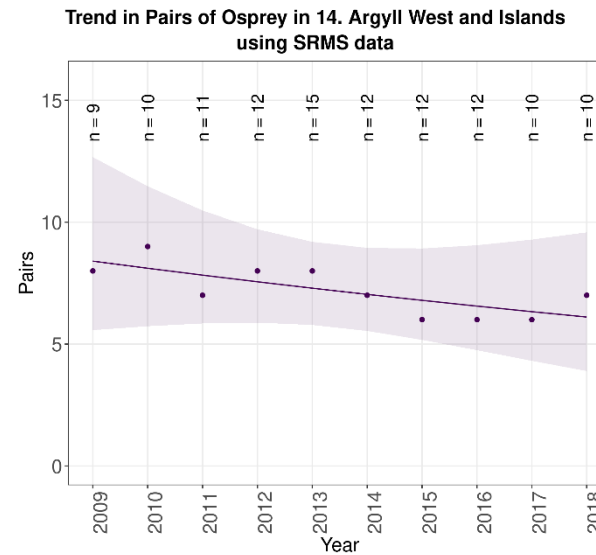
Raven

The number of breeding pairs and breeding success showed no significant change. Trends are not available for clutch size or brood size but the number of fledglings showed no significant change (Figure 9).

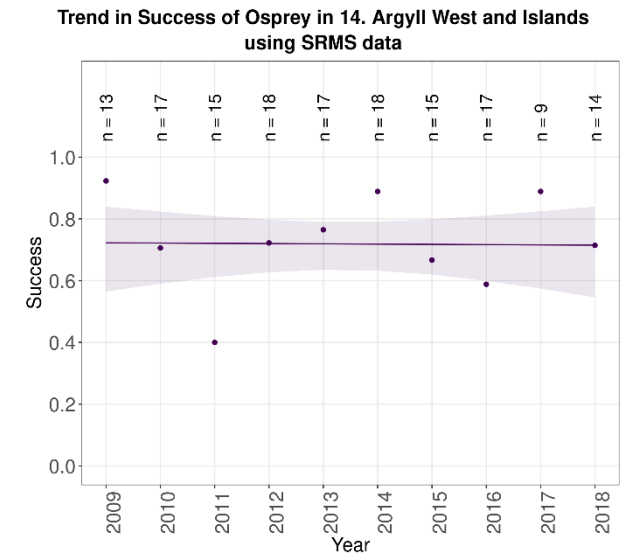
Table 1: Summary of SRMS trends for NHZ 14. Argyll West and Islands during 2009-2018. Figures in parentheses indicate the annual change, with significant increases highlighted in green, significant decreases highlighted in blue and non-significant changes highlighted in grey. ‘—’ indicates where the species occurs but no trend is available. ‘No SRMS data’ indicates where the SRMS does not hold any records for the region of interest. ‘Absent’ indicates where the species is not known to breed.

Species:	Pairs	Success	Clutch size	Brood size	Number of fledglings
Osprey	Not significant ^s	Not significant ^s	—	—	Not significant
Golden Eagle	Not significant ^s	Not significant	—	—	—
Sparrowhawk	—	—	—	—	—
Goshawk	—	—	—	—	—
Hen Harrier	—	Not significant ^{sv}	—	—	—
Red Kite	Absent	Absent	Absent	Absent	Absent
White-tailed Eagle	Not significant ^{ax}	—	—	—	—
Buzzard	Decrease (-4.2%)	Non-linear	—	—	Not significant ^r
Barn Owl	—	Not significant ^{nr}	—	—	Increase ^{nr} (3.6%)
Tawny Owl	—	—	—	—	—
Kestrel	—	—	—	—	—
Merlin	—	—	—	—	—
Peregrine	Decrease ^s (-11%)	Not significant ^s	—	—	—
Raven	Not significant ^v	Not significant	—	—	Not significant ^r

^a All data used, ⁿ Nestbox based, ^r No home range random effect, ^s Sample sizes small, ^v Variable effort, ^x Expanding population.



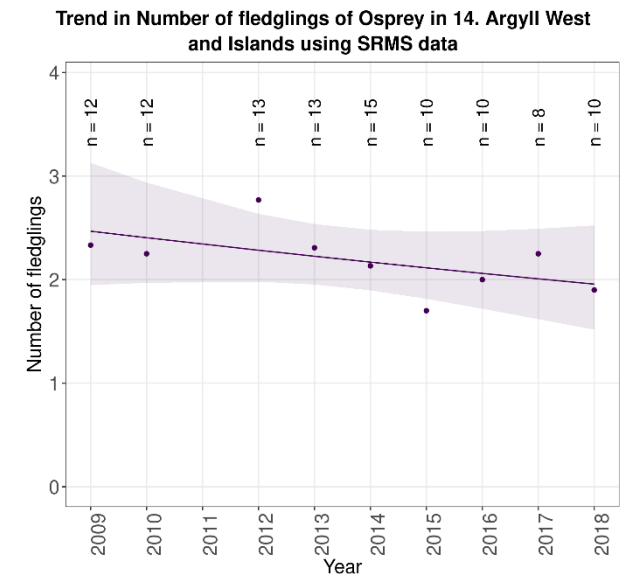
14. Argyll West and Islands trend: Not significant (caveats: Sample sizes small)



14. Argyll West and Islands trend: Not significant (caveats: Sample sizes small)

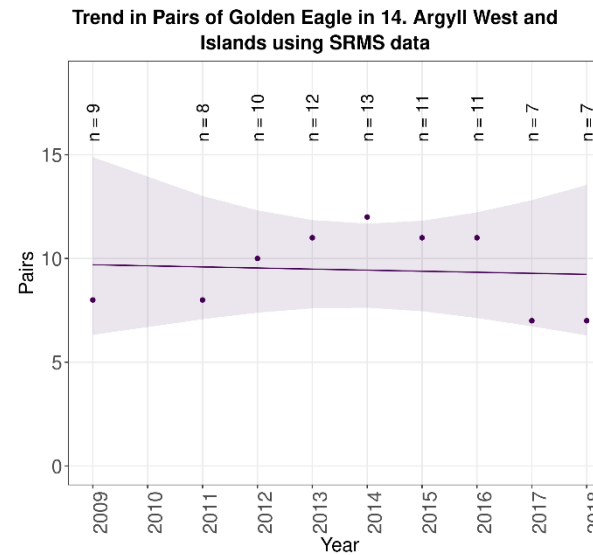
No trend available
for clutch size

No trend available
for brood size

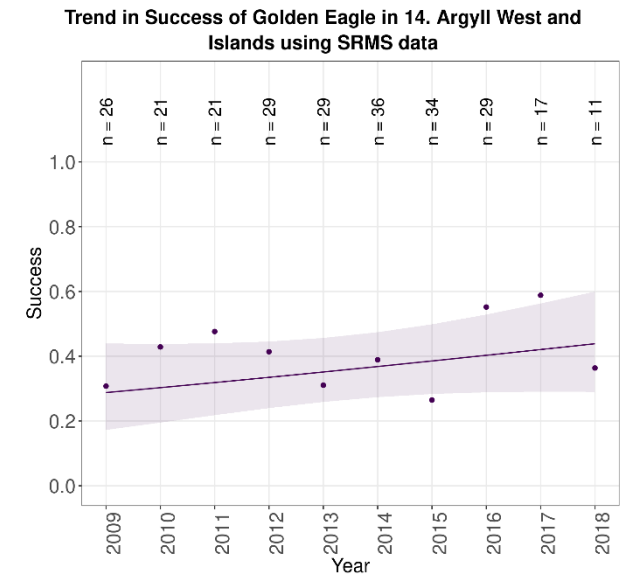


14. Argyll West and Islands trend: Not significant

Figure 2: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Osprey in NHZ 14. Argyll West and Islands during 2009-2018.



14. Argyll West and Islands trend: Not significant (caveats: Sample sizes small)



14. Argyll West and Islands trend: Not significant

No trend available
for clutch size

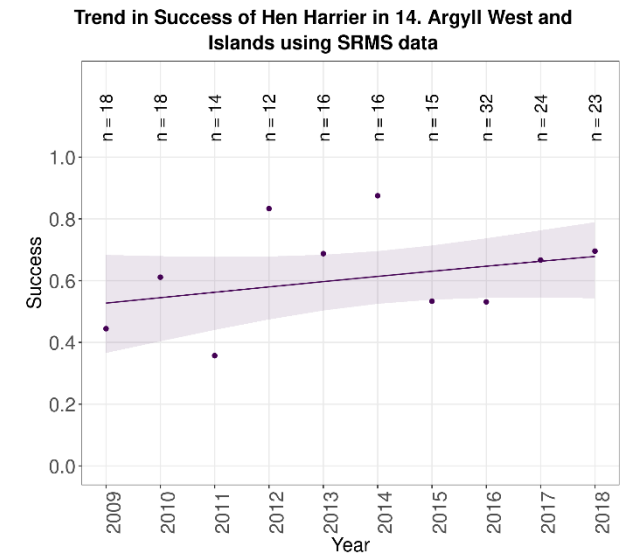
No trend available
for brood size

No trend available
for number of fledglings

Figure 3: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Golden Eagle in NHZ 14. Argyll West and Islands during 2009-2018.



No trend available
for breeding pairs



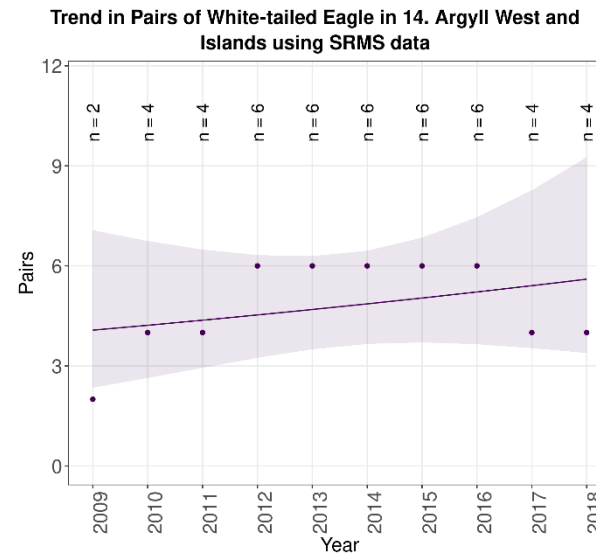
14. Argyll West and Islands trend: Not significant (caveats: Sample sizes small; Variable effort;)

No trend available
for clutch size

No trend available
for brood size

No trend available
for number of fledglings

Figure 4: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Hen Harrier in NHZ 14. Argyll West and Islands during 2009-2018.



14. Argyll West and Islands trend: Not significant (caveats: Expanding population, All data used)

No trend available
for breeding success

No trend available
for clutch size

No trend available
for brood size

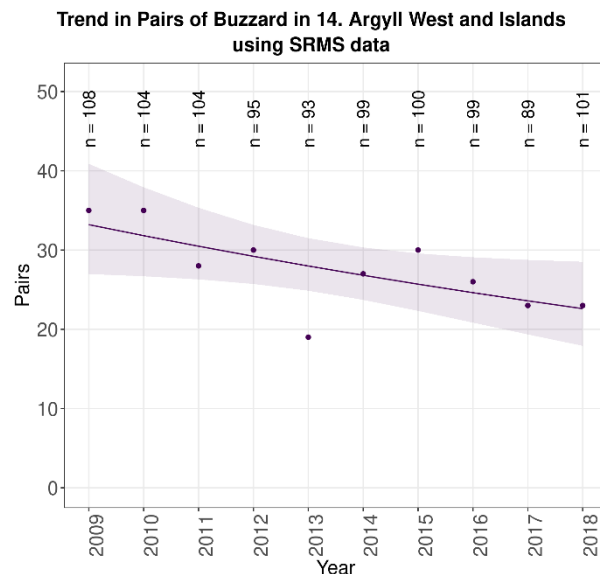
No trend available
for number of fledglings

Figure 5: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of White-tailed Eagle in NHZ 14. Argyll West and Islands during 2009-2018.

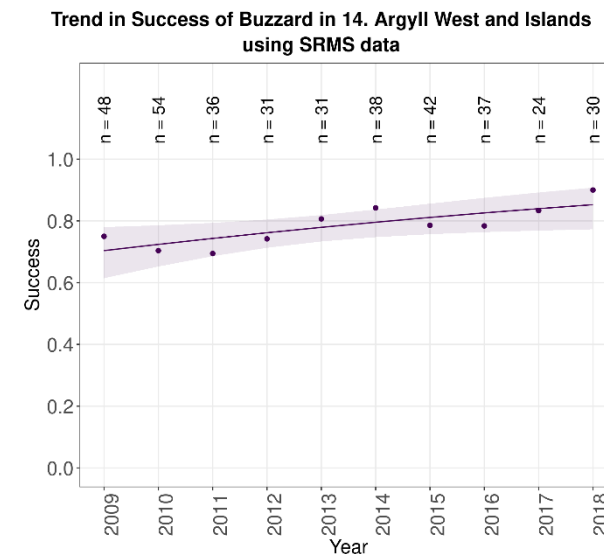


No trend available
for clutch size

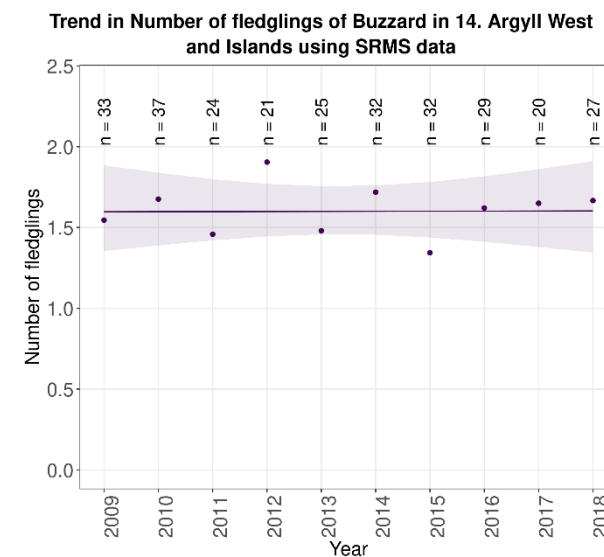
No trend available
for brood size



14. Argyll West and Islands trend: Decrease



14. Argyll West and Islands trend: Non-linear (caveats: Variable effort)



14. Argyll West and Islands trend: Not significant (caveats: No home range random effect)

Figure 6: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Buzzard in NHZ 14. Argyll West and Islands during 2009-2018.

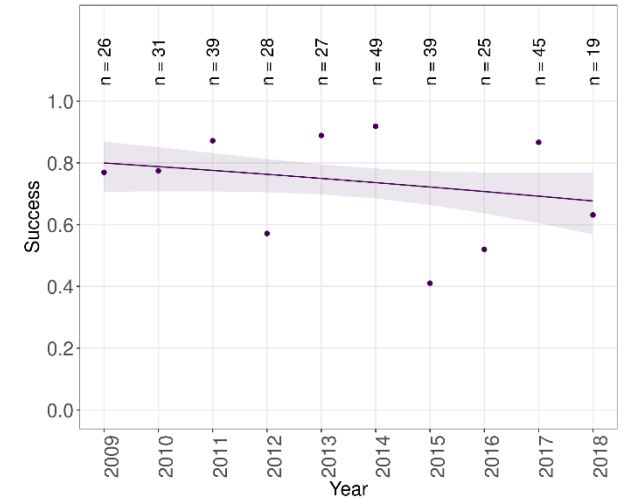


No trend available
for breeding pairs

No trend available
for clutch size

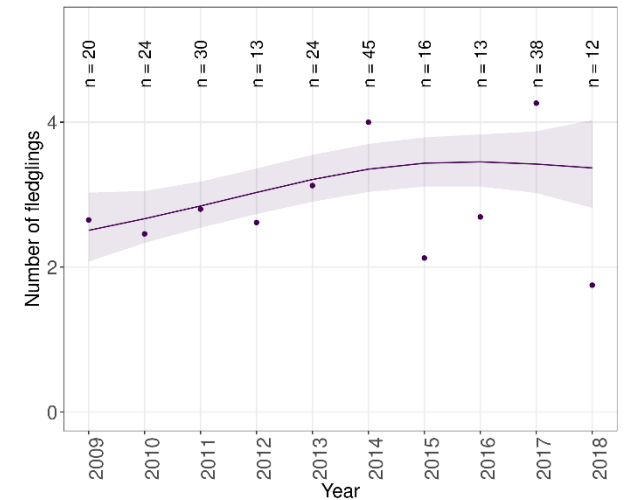
No trend available
for brood size

Trend in Success of Barn Owl in 14. Argyll West and Islands
using SRMS data



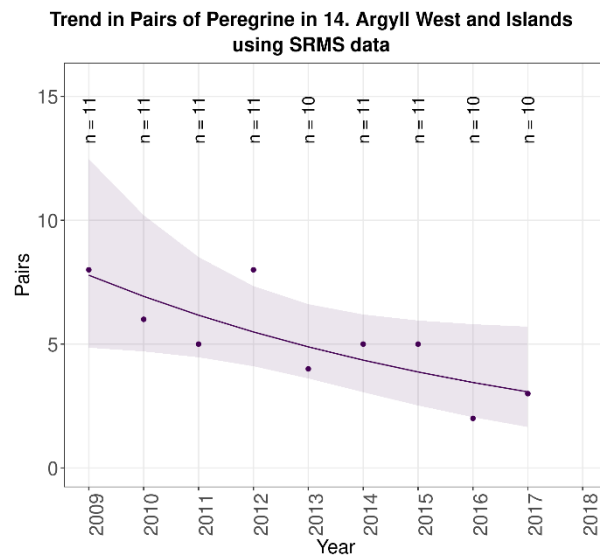
14. Argyll West and Islands trend: Not significant (caveats:
Nestbox based; No home range random effect;)

Trend in Number of fledglings of Barn Owl in 14. Argyll West
and Islands using SRMS data

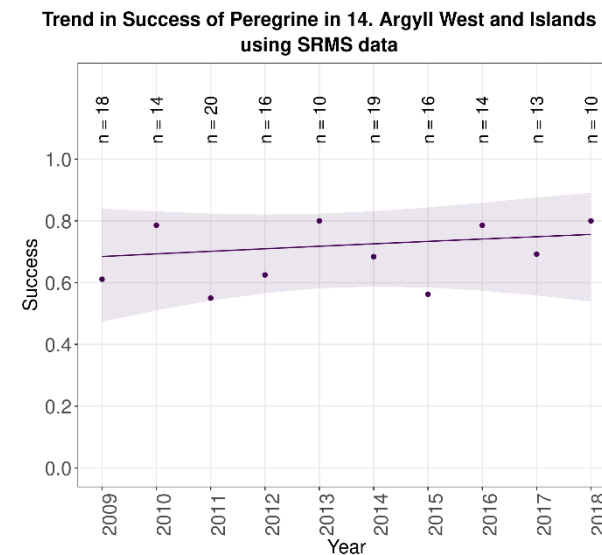


14. Argyll West and Islands trend: Increase (caveats:
Nestbox based; No home range random effect;)

Figure 7: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Barn Owl in NHZ 14. Argyll West and Islands during 2009-2018.



14. Argyll West and Islands trend: Decrease (caveats: Sample sizes small)



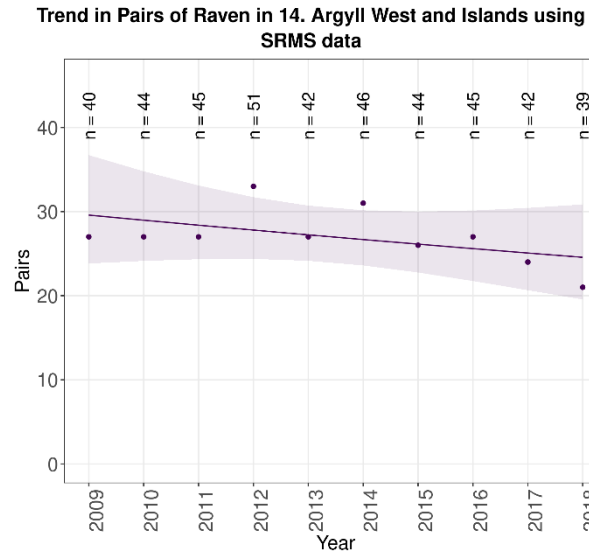
14. Argyll West and Islands trend: Not significant (caveats: Sample sizes small)

No trend available
for clutch size

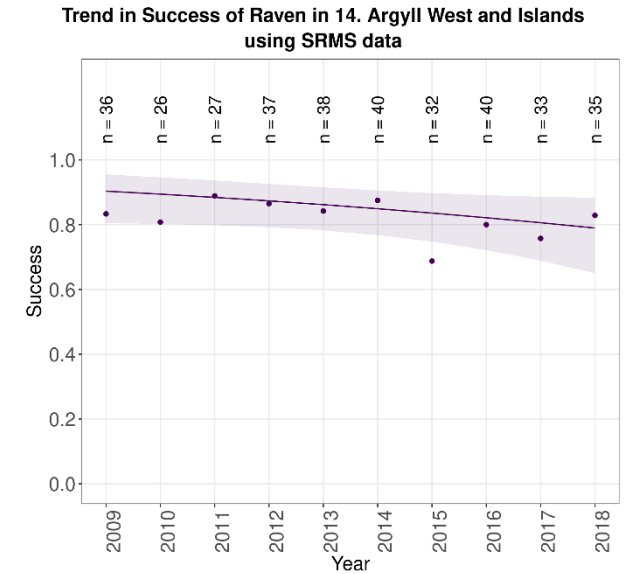
No trend available
for brood size

No trend available
for number of fledglings

Figure 8: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Peregrine in NHZ 14. Argyll West and Islands during 2009-2018.



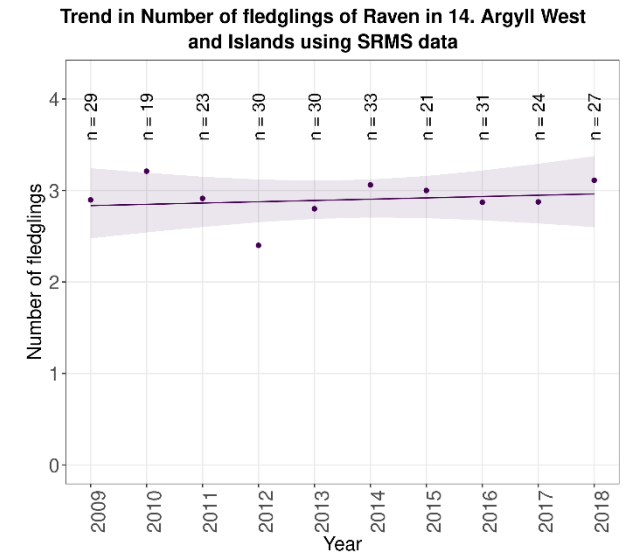
14. Argyll West and Islands trend: Not significant (caveats: Variable effort)



14. Argyll West and Islands trend: Not significant

No trend available
for clutch size

No trend available
for brood size



14. Argyll West and Islands trend: Not significant (caveats: No home range random effect)

Figure 9: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Raven in NHZ 14. Argyll West and Islands during 2009-2018.