NHZ 16. Eastern Lowlands

Figure 1: NHZ 16. Eastern Lowlands.

Trends in breeding numbers are available for five species and trends in breeding success for eight of the 14 species for which the SRMS holds records for NHZ 16. Eastern Lowlands (Table 1).

Osprey

The number of breeding pairs and breeding success showed no significant change. Trends in clutch size, brood size and the number of fledglings all showed no significant change (Figure 2).

Sparrowhawk

No trend is available for the number of breeding pairs. Breeding success showed no significant change. Trends are not available for clutch size, brood size or the number of fledglings (Figure 3).

Goshawk

No trend is available for the number of breeding pairs. Breeding success showed no significant change. Trends are not available for clutch size, brood size or the number of fledglings (Figure 4).

Red Kite

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 5).

Buzzard

No trend is available for the number of breeding pairs but breeding success showed non-linear variation. Trends in clutch size, brood size and the

number of fledglings all showed no significant change (Figure 6).

Barn Owl

The number of breeding pairs (-42.5%) and breeding success (-0.5%) decreased significantly. Trends are not available for clutch size but the brood size and the number of fledglings showed no significant change (Figure 7).

Peregrine

The number of breeding pairs showed no significant change while breeding success decreased significantly (-1.3%). Trends in clutch size, brood size and the number of fledglings all showed no significant change (Figure 8).

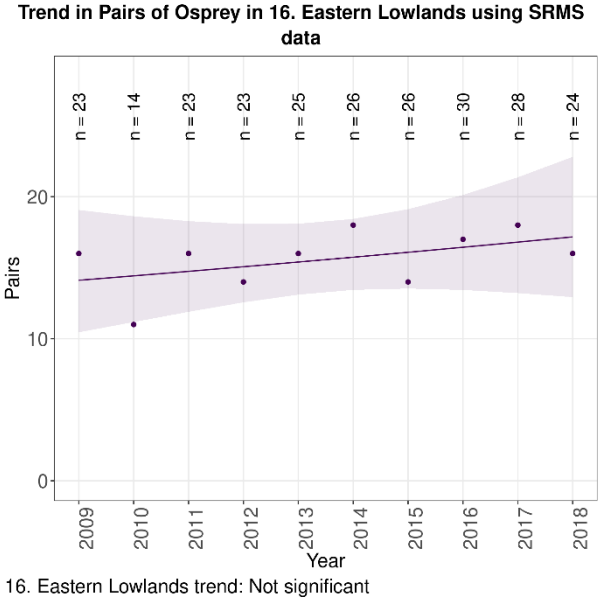
Raven

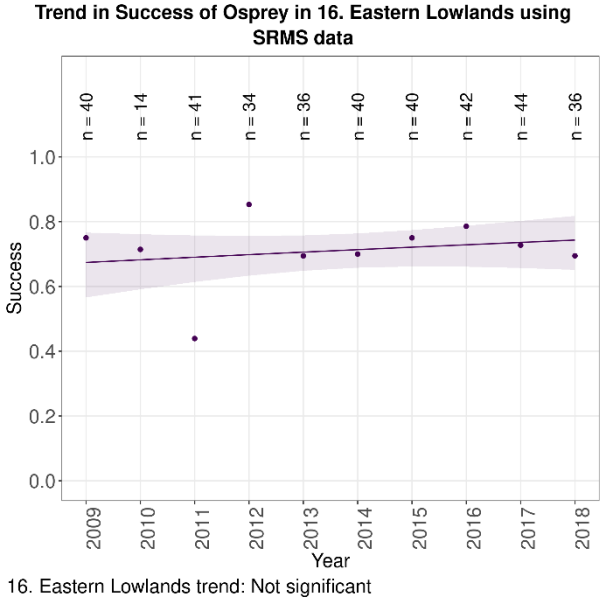
The number of breeding pairs and breeding success showed no significant change. Trends are not available for clutch size or brood size but the number of fledglings showed no significant change (Figure 9).

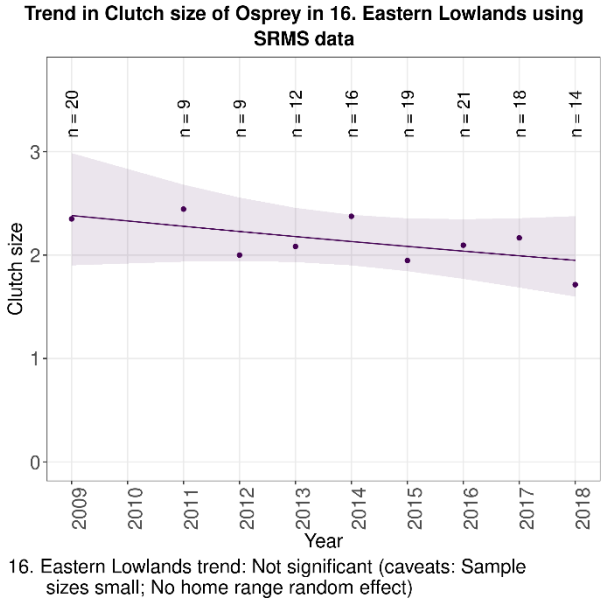
Table 1: Summary of SRMS trends for NHZ 16. Eastern Lowlands during 2009-2018. Figures in parentheses indicate the annual change, with significant decreases highlighted in blue and non-significant changes highlighted in grey. '—' indicates where the species occurs but no trend is available.

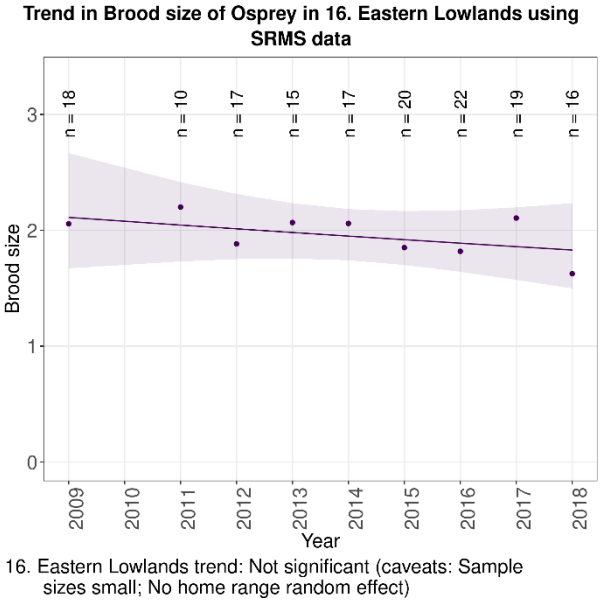
Species:	Pairs	Success	Clutch size	Brood size	Number of fledglings
Osprey	Not significant	Not significant	Not significant [rs]	Not significant [rs]	Not significant
Golden Eagle	—	—	—	—	—
Sparrowhawk	—	Not significant [sv]	—	—	—
Goshawk	—	Not significant [sv]	—	—	Not significant [rs]
Hen Harrier	—	—	—	—	—
Red Kite	Not significant	Not significant [vx]	—	—	Not significant [rx]
White-tailed Eagle	—	—	—	—	—
Buzzard	—	Non-linear	Not significant [r]	Not significant [r]	Not significant
Barn Owl	**Decrease [s] (-42.5%)**	**Decrease [nv] (-0.5%)**	—	Not significant [nr]	Not significant [nr]
Tawny Owl	—	—	—	—	—
Kestrel	—	—	—	—	—
Merlin	—	—	—	—	—
Peregrine	Not significant	**Decrease (-1.3%)**	Not significant [rs]	Not significant [rs]	Not significant
Raven	Not significant [sv]	Not significant	—	—	Not significant [r]

[n] Nestbox based, [r] No home range random effect, [s] Sample sizes small, [v] Variable effort, [x] Expanding population.









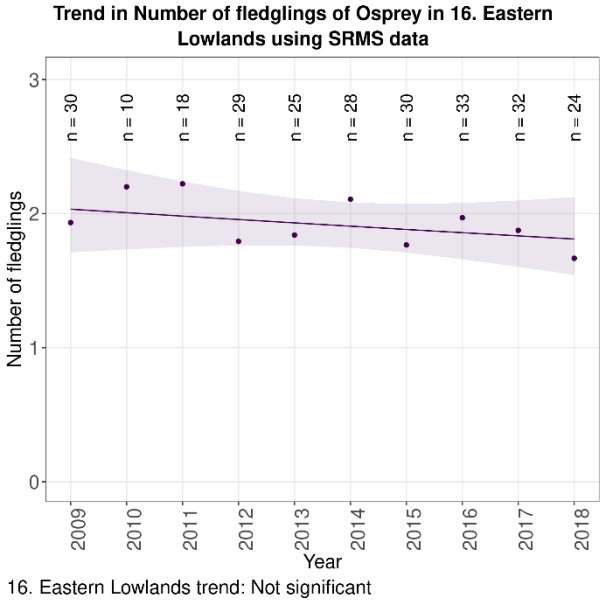
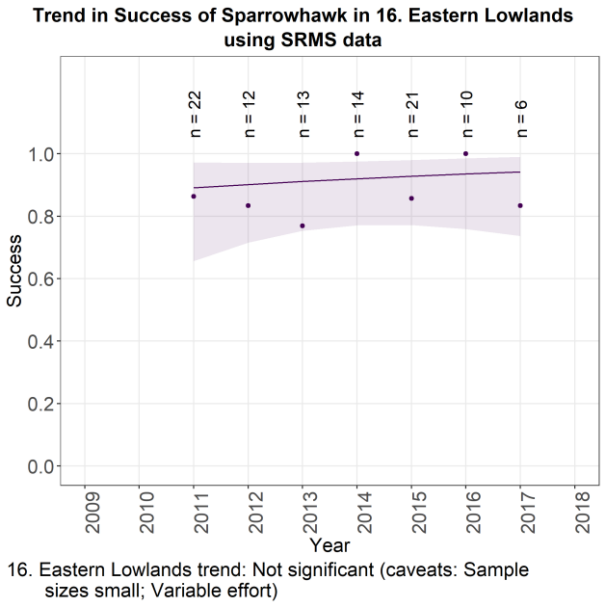


Figure 2: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Osprey in NHZ 16. Eastern Lowlands during 2009-2018.

No trend available
for breeding pairs



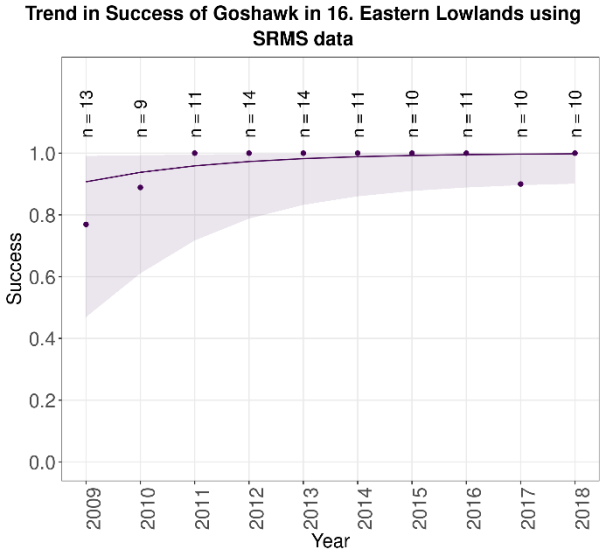
No trend available
for clutch size

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 Sparrowhawk in NHZ 16. Eastern Lowlands during 2009-2018.

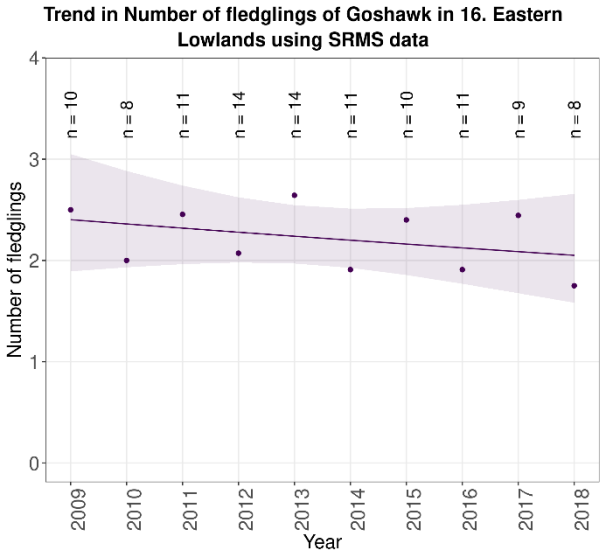
No trend available for breeding pairs



16. Eastern Lowlands trend: Not significant (caveats: Sample sizes small; Variable effort)

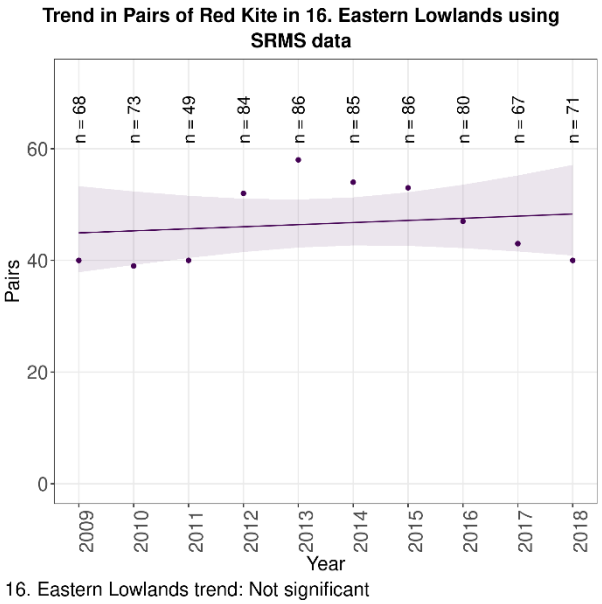
No trend available for clutch size

No trend available for brood size

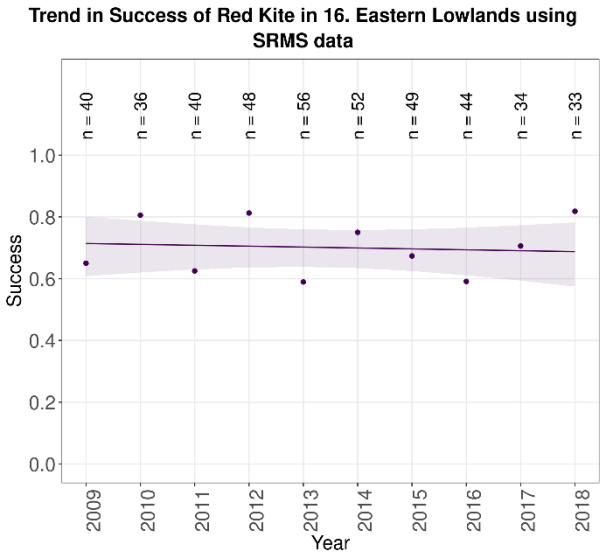


16. Eastern Lowlands trend: Not significant (caveats: Sample sizes small; No home range random effect)

Figure 1504: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Goshawk in NHZ 16. Eastern Lowlands during 2009-2018.



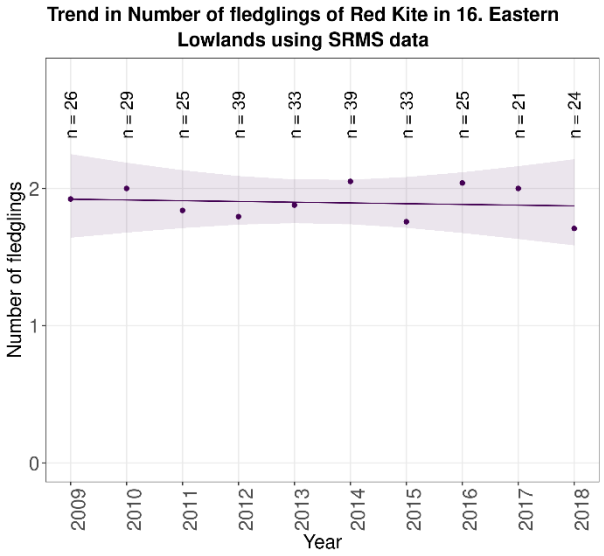
16. Eastern Lowlands trend: Not significant



16. Eastern Lowlands trend: Not significant (caveats: Variable effort; Expanding population)

No trend available for clutch size

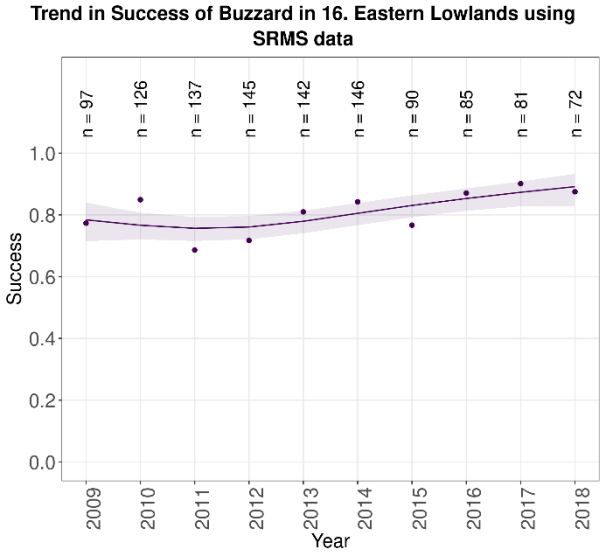
No trend available for brood size



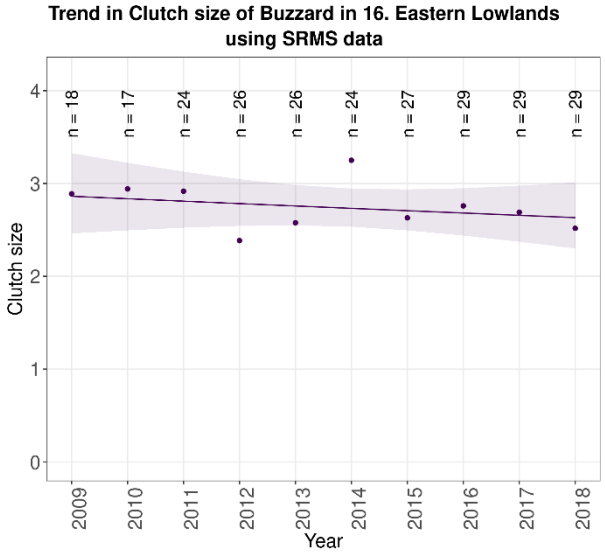
16. Eastern Lowlands trend: Not significant (caveats: Expanding population; No home range random effect)

Figure 5: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Red Kite in NHZ 16. Eastern Lowlands during 2009-2018.

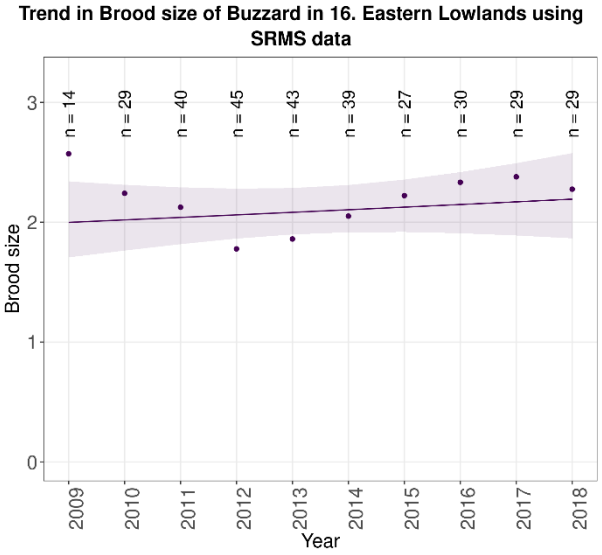
No trend available for breeding pairs



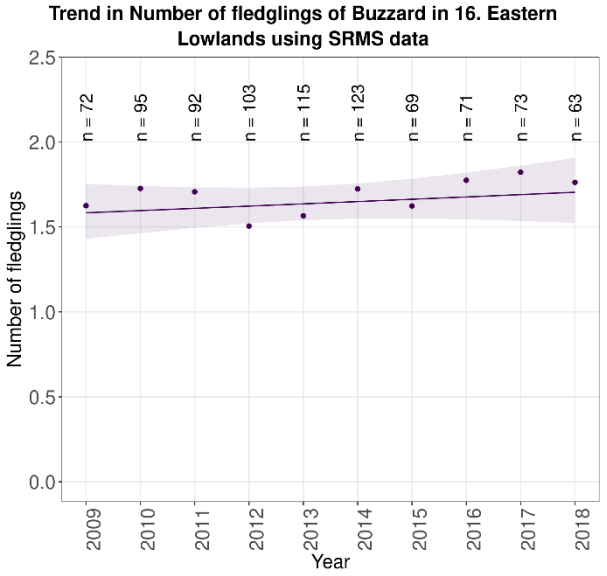
16. Eastern Lowlands trend: Non-linear (caveats: Variable effort)



16. Eastern Lowlands trend: Not significant (caveats: No home range random effect)



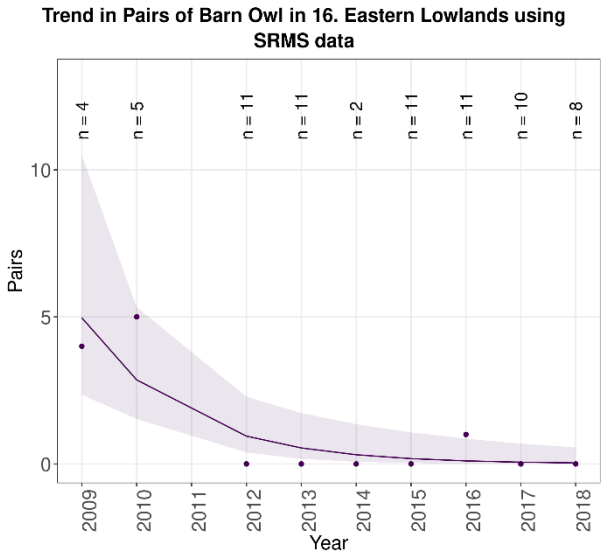
16. Eastern Lowlands trend: Not significant (caveats: No home range random effect)



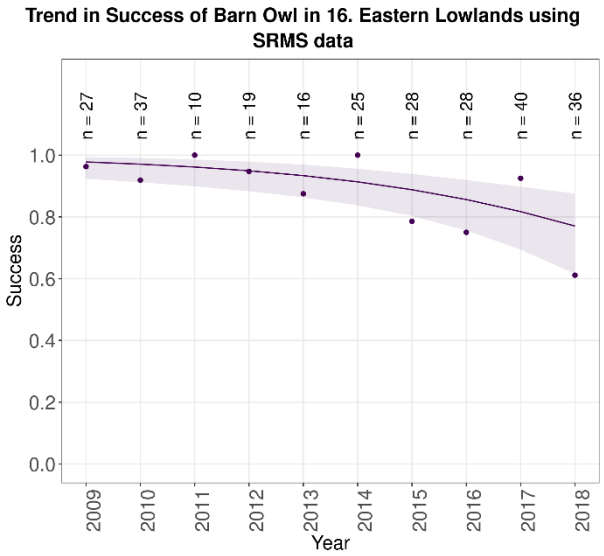
16. Eastern Lowlands trend: Not significant

Figure 6: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Buzzard in NHZ 16. Eastern Lowlands during 2009-2018.

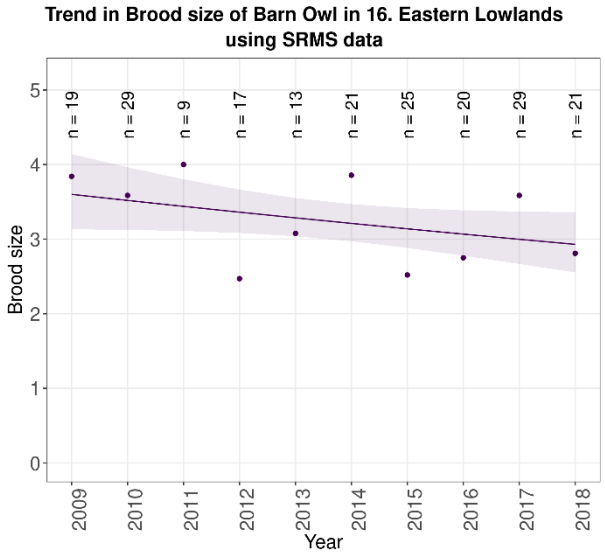
No trend available for clutch size



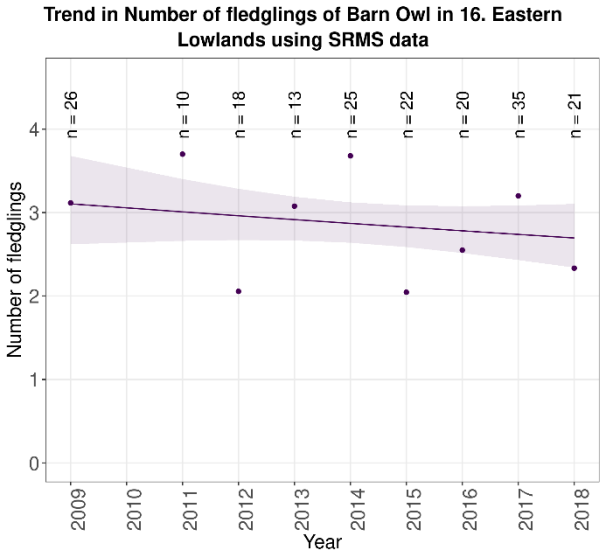
16. Eastern Lowlands trend: Decrease (caveats: Sample sizes small)



16. Eastern Lowlands trend: Decrease (caveats: Nestbox based; Variable effort;)

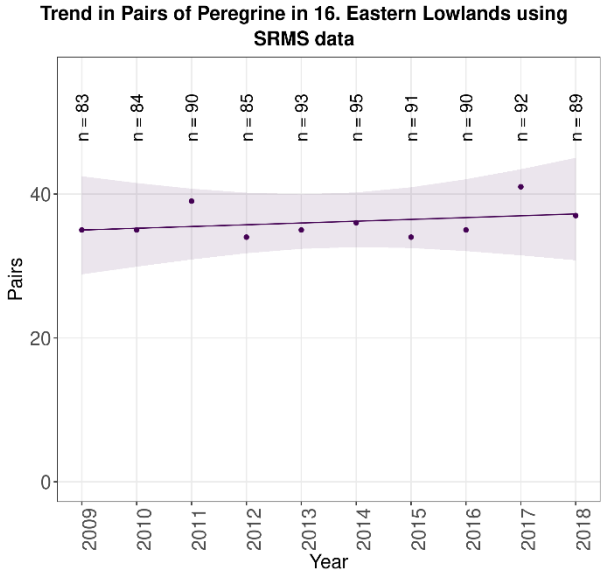


16. Eastern Lowlands trend: Not significant (caveats: Nestbox based; No home range random effect;)

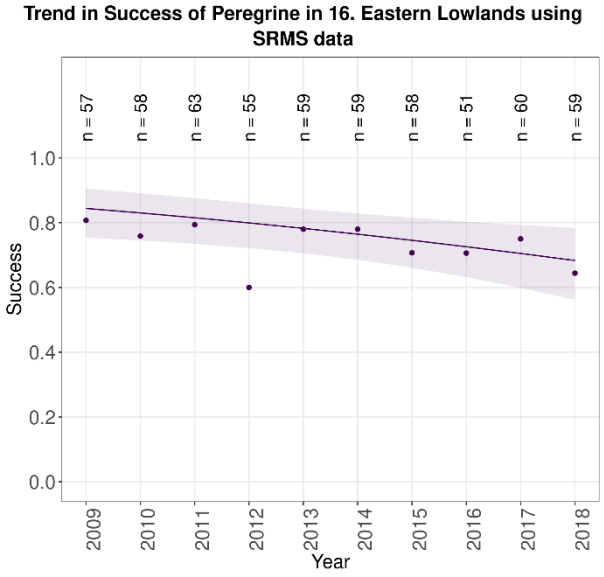


16. Eastern Lowlands trend: Not significant (caveats: Nestbox based; No home range random effect;)

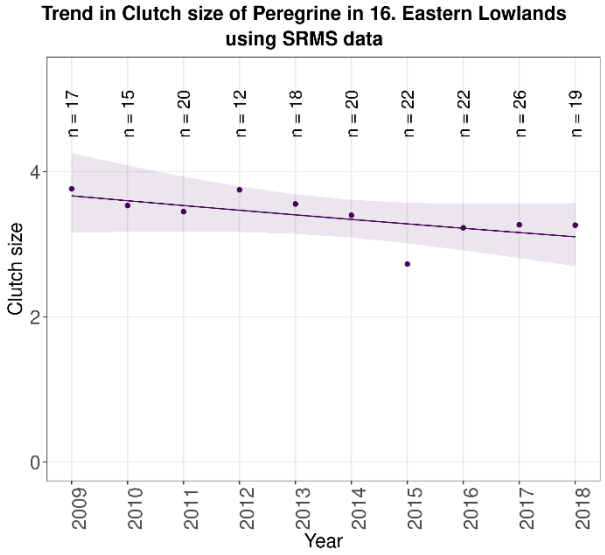
Figure 7: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Barn Owl in NHZ 16. Eastern Lowlands during 2009-2018.



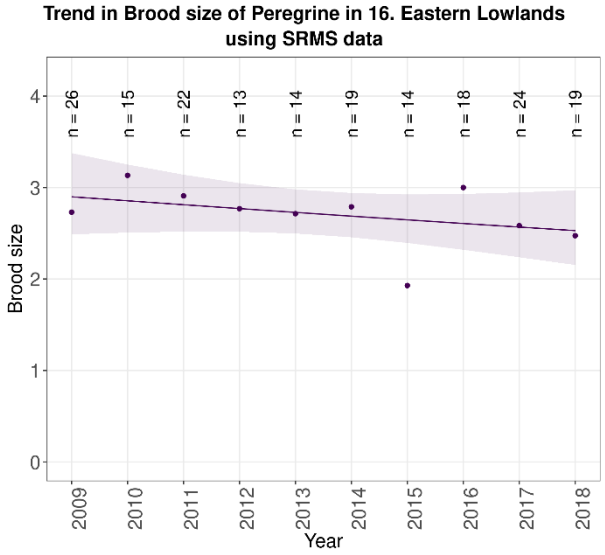
16. Eastern Lowlands trend: Not significant



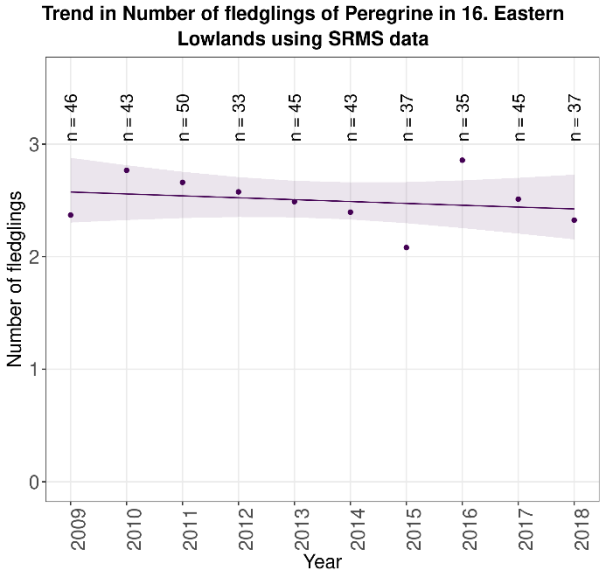
16. Eastern Lowlands trend: Decrease



16. Eastern Lowlands trend: Not significant (caveats: Sample sizes small; No home range random effect)

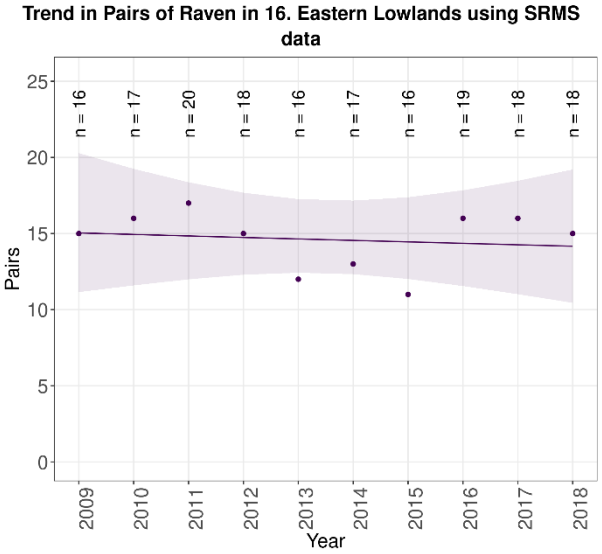


16. Eastern Lowlands trend: Not significant (caveats: Sample sizes small; No home range random effect)

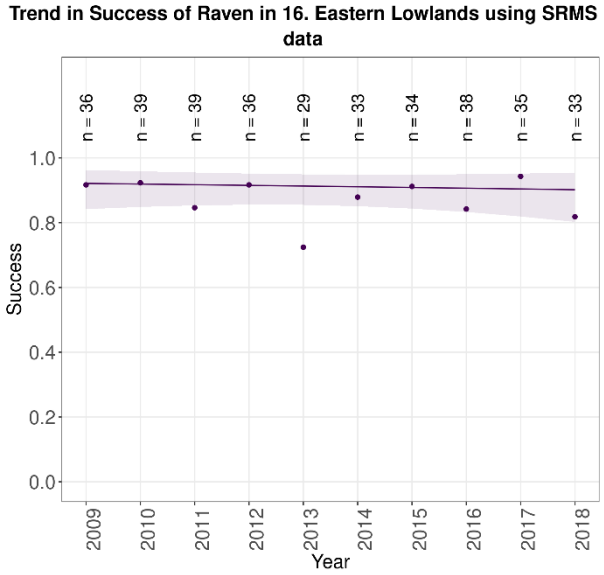


16. Eastern Lowlands trend: Not significant

Figure 8: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Peregrine in NHZ 16. Eastern Lowlands during 2009-2018.



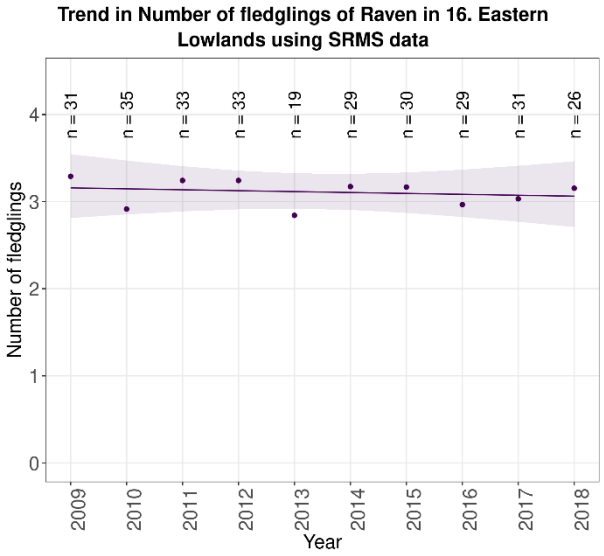
16. Eastern Lowlands trend: Not significant (caveats: Sample sizes small; Variable effort)



16. Eastern Lowlands trend: Not significant

No trend available for clutch size

No trend available for brood size



16. Eastern Lowlands 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 16. Eastern Lowlands during 2009-2018.