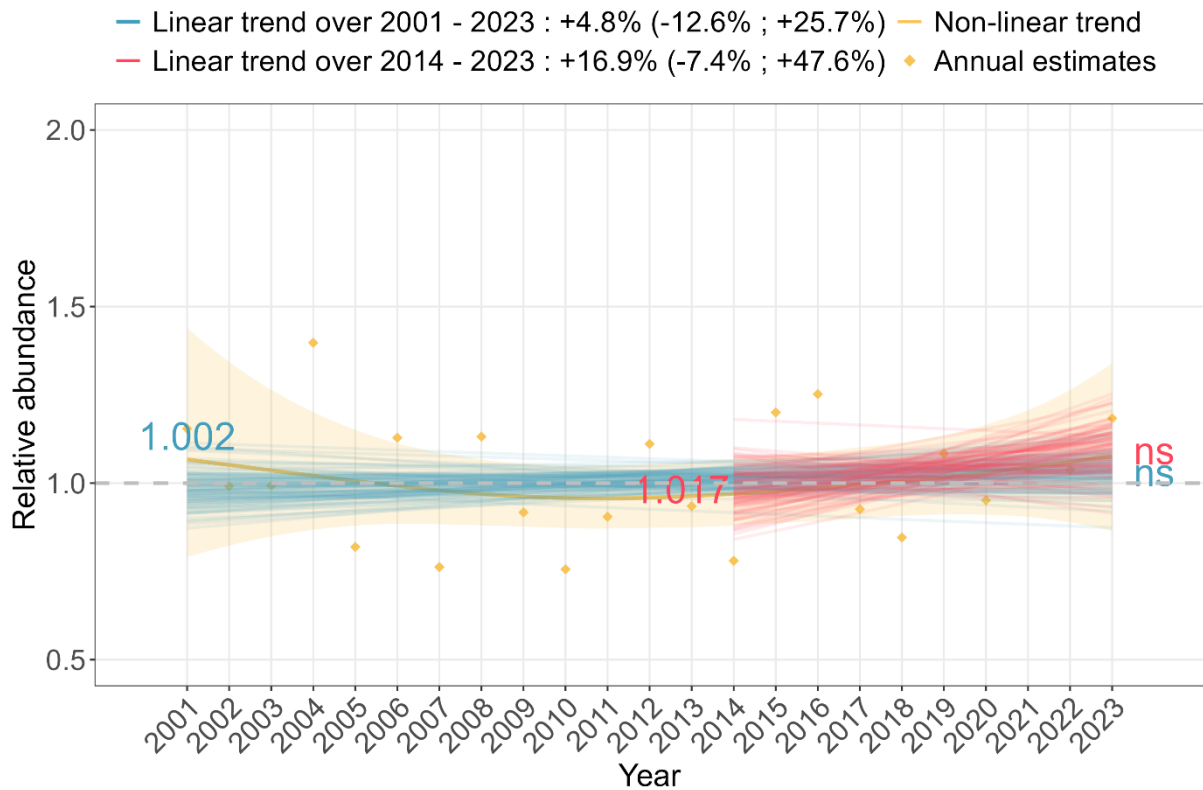
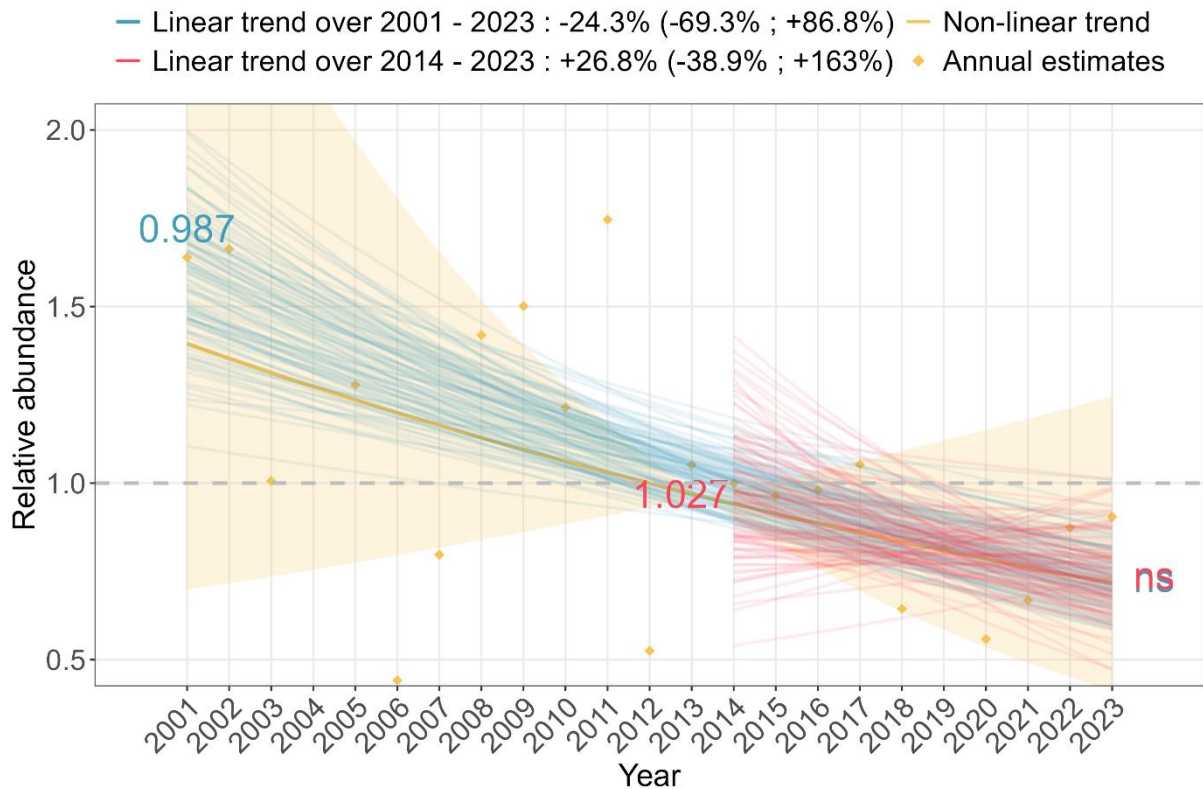


**Appendix 6:** Temporal trends in abundance for all bird species. The orange line corresponds to the temporal trend smoothed over the 2001 - 2023 period, with the orange ribbon representing uncertainty. Some species show no smoothed trend due to absence of convergence. Orange dots correspond to ratios of abundance between each year and the reference year. Blue and red lines correspond to uncertainty associated with the population trend estimated over the 2001 – 2023 period (resp. 2014 - 2023 period). Blue and red numbers on the left of the plot indicate the estimated annual growth rate for the 2001 - 2023 period (resp. 2014 - 2023 period). Stars on the right of the plot specify the significance of these estimates. 21 species have been excluded either due to either lack of convergence for the yearly variations model or the linear model estimated over the 2001 – 2023 period or due to extreme coefficients that makes difficult readability.

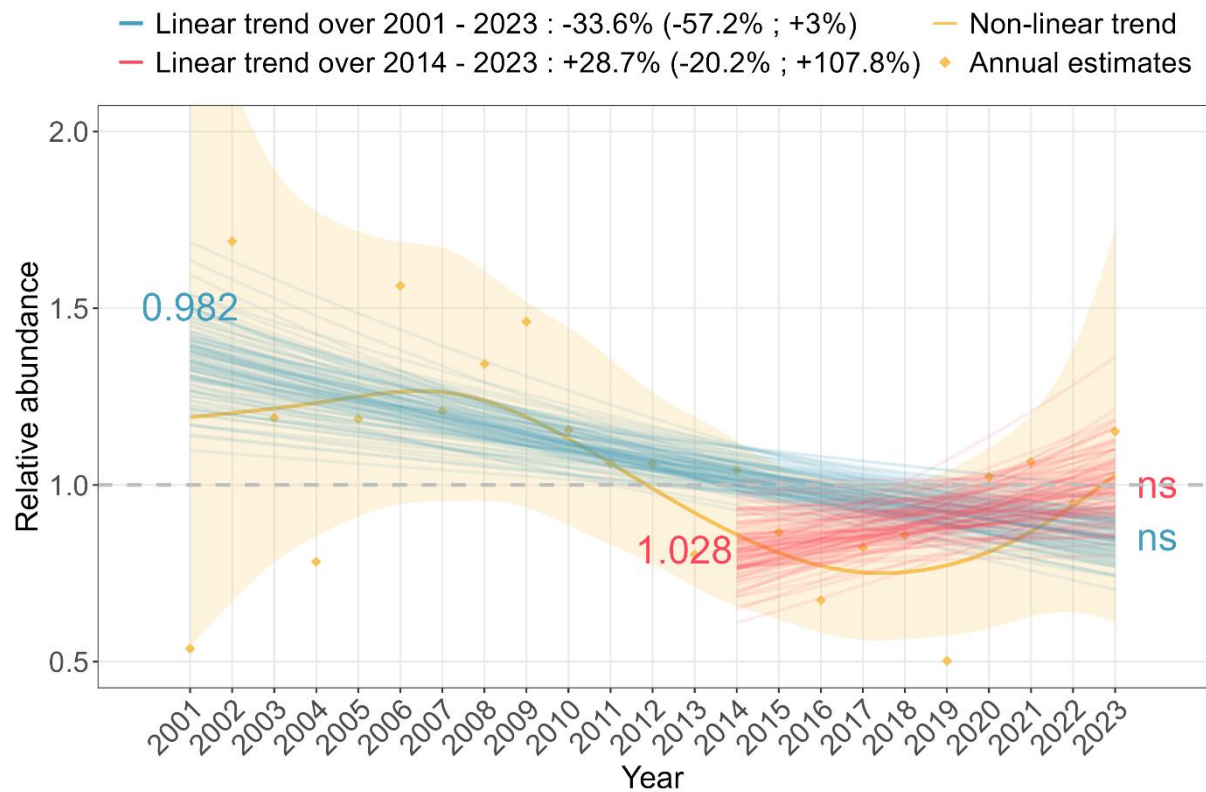
## Eurasian Sparrowhawk (*Accipiter nisus*)



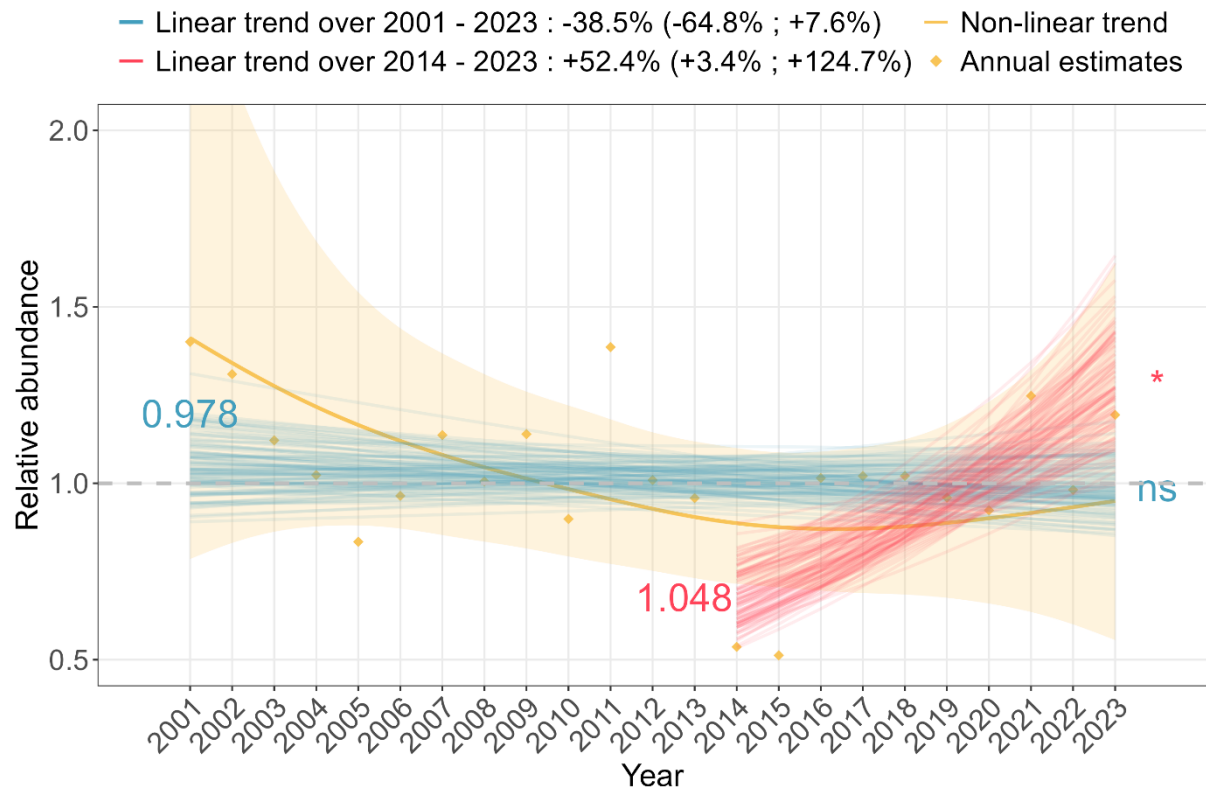
## Great Reed-Warbler (*Acrocephalus arundinaceus*)



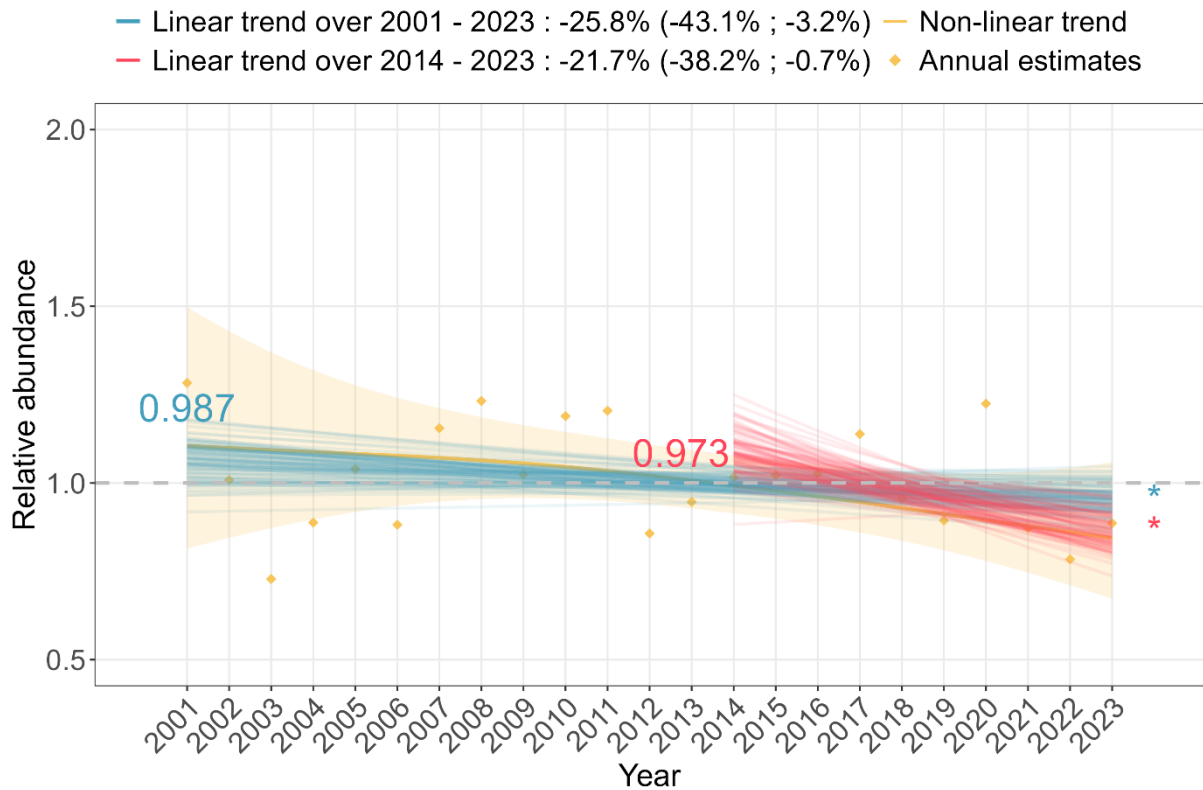
## Marsh Warbler (*Acrocephalus palustris*)



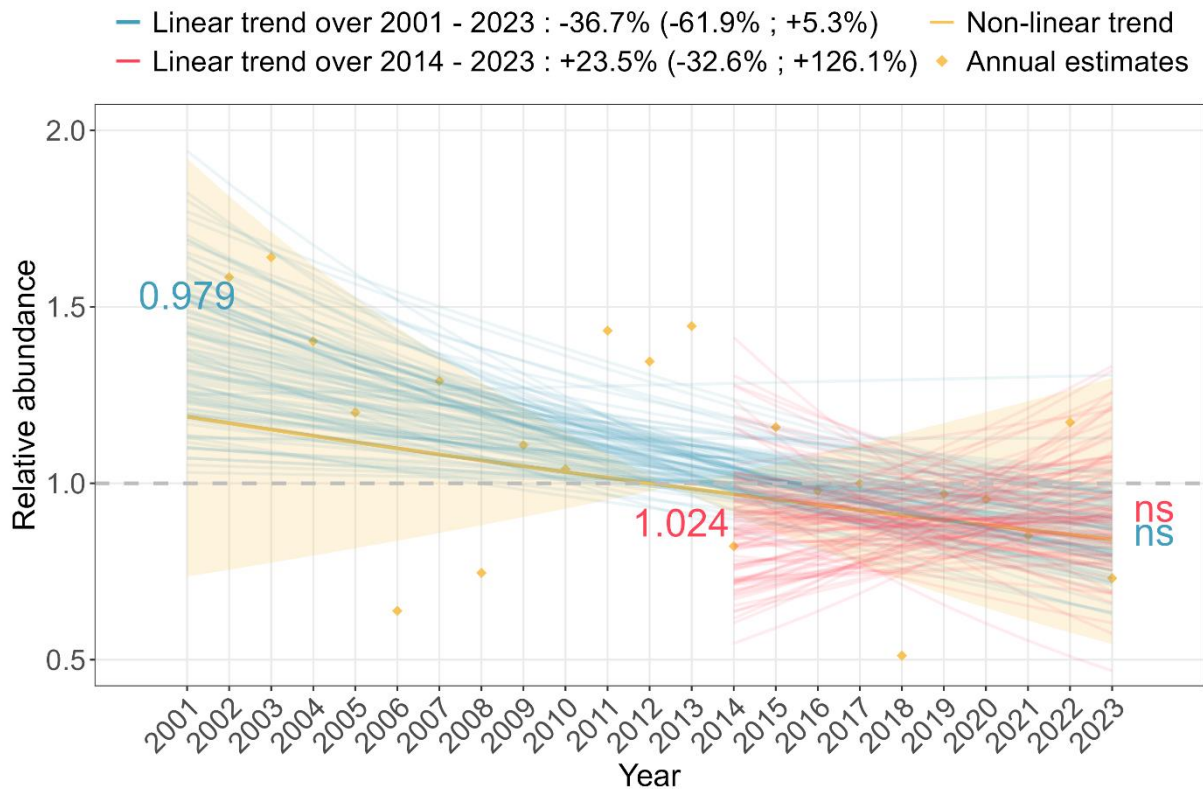
## Sedge Warbler (*Acrocephalus schoenobaenus*)



## Eurasian Reed-Warbler (*Acrocephalus scirpaceus*)

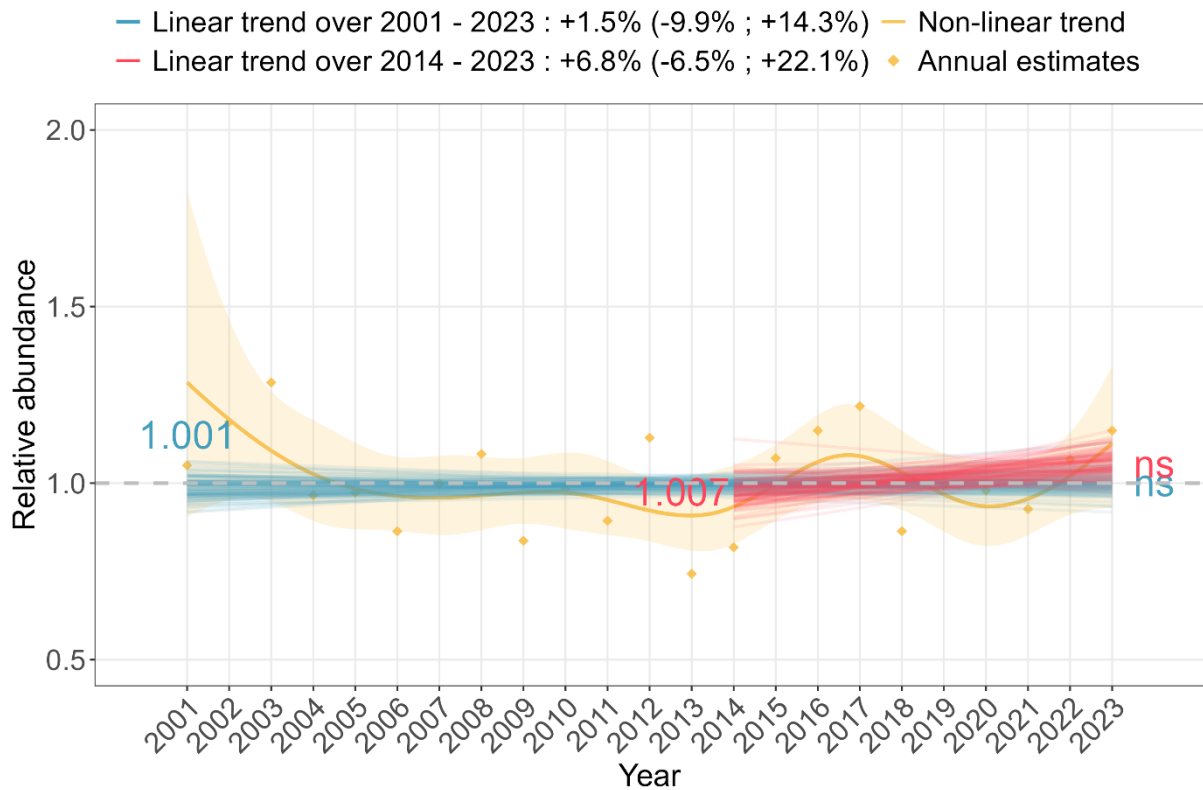


## Common Sandpiper (*Actitis hypoleucos*)

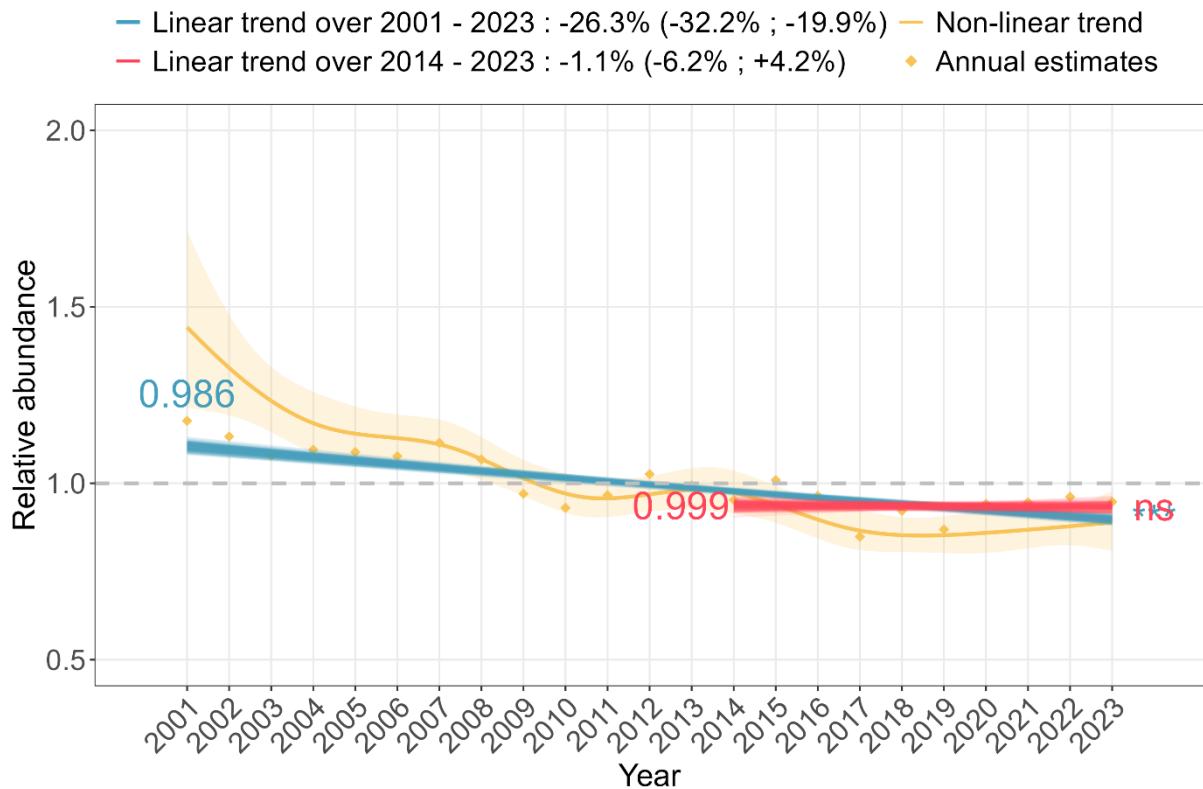




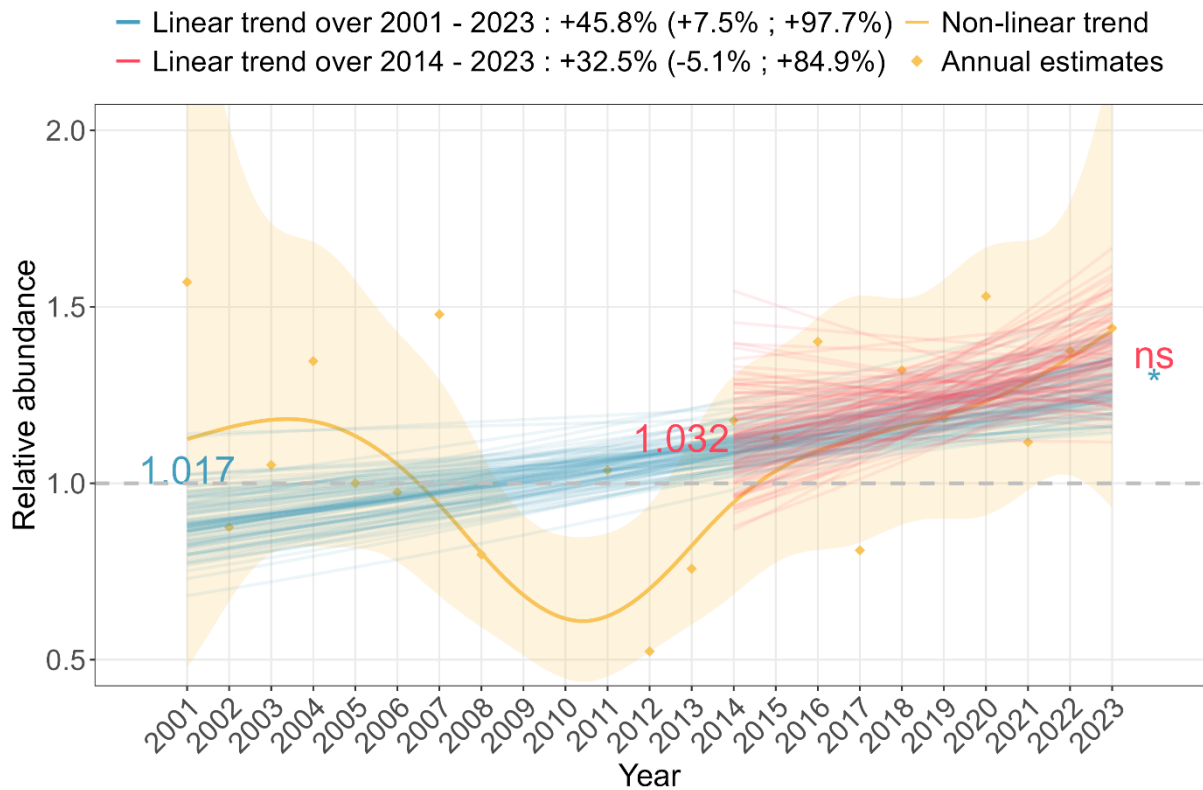
## Long-tailed Tit (*Aegithalos caudatus*)



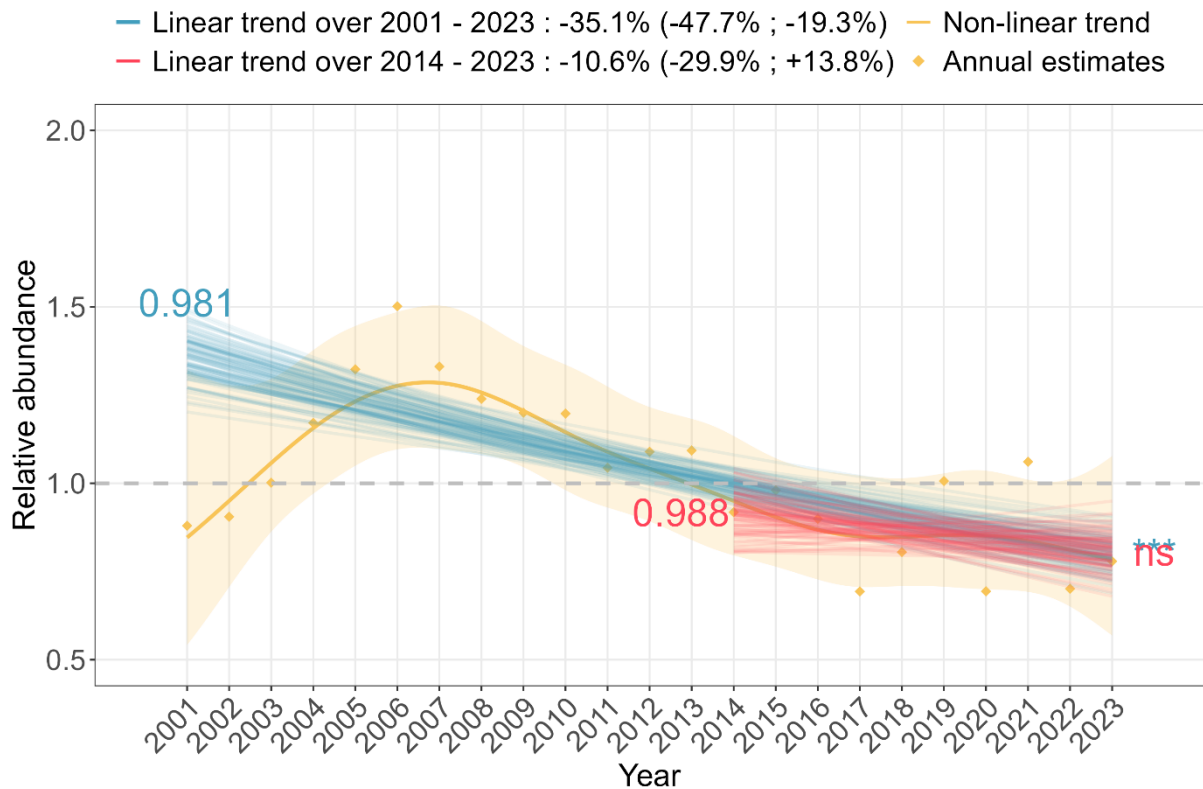
## Eurasian Skylark (*Alauda arvensis*)



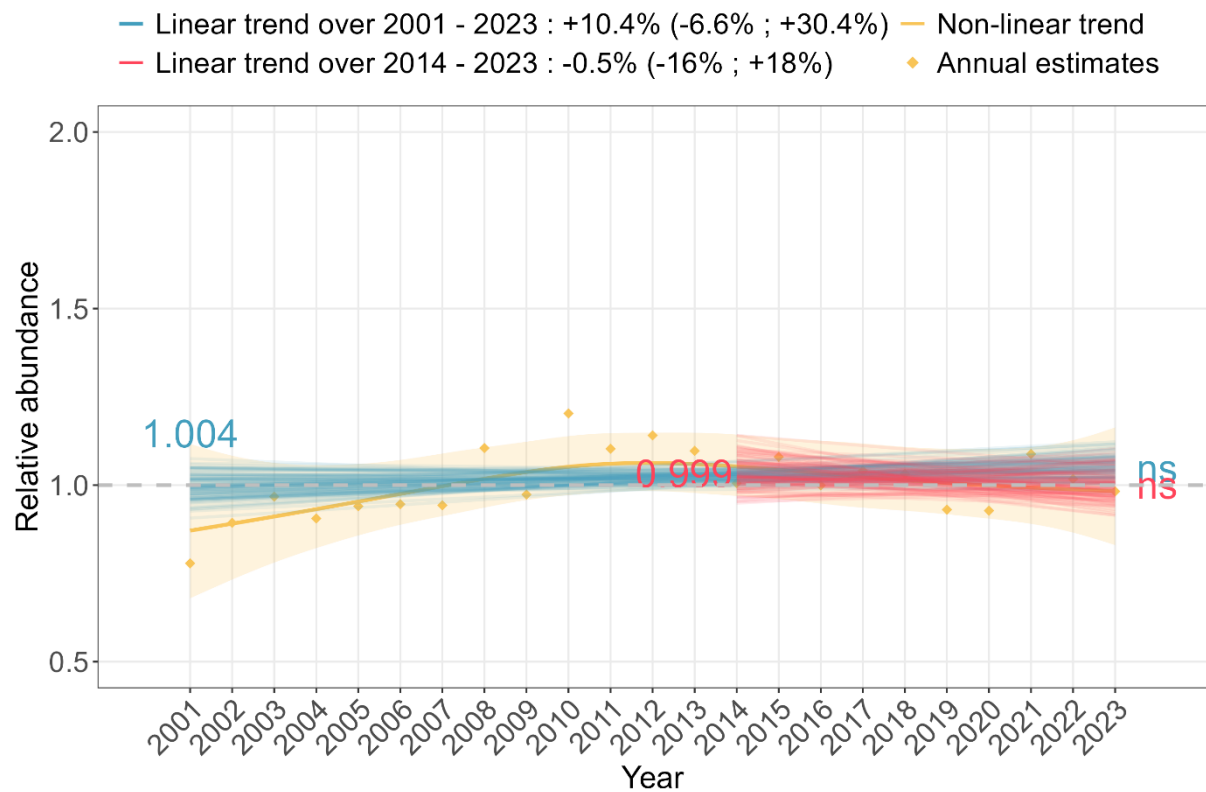
## Common Kingfisher (*Alcedo atthis*)



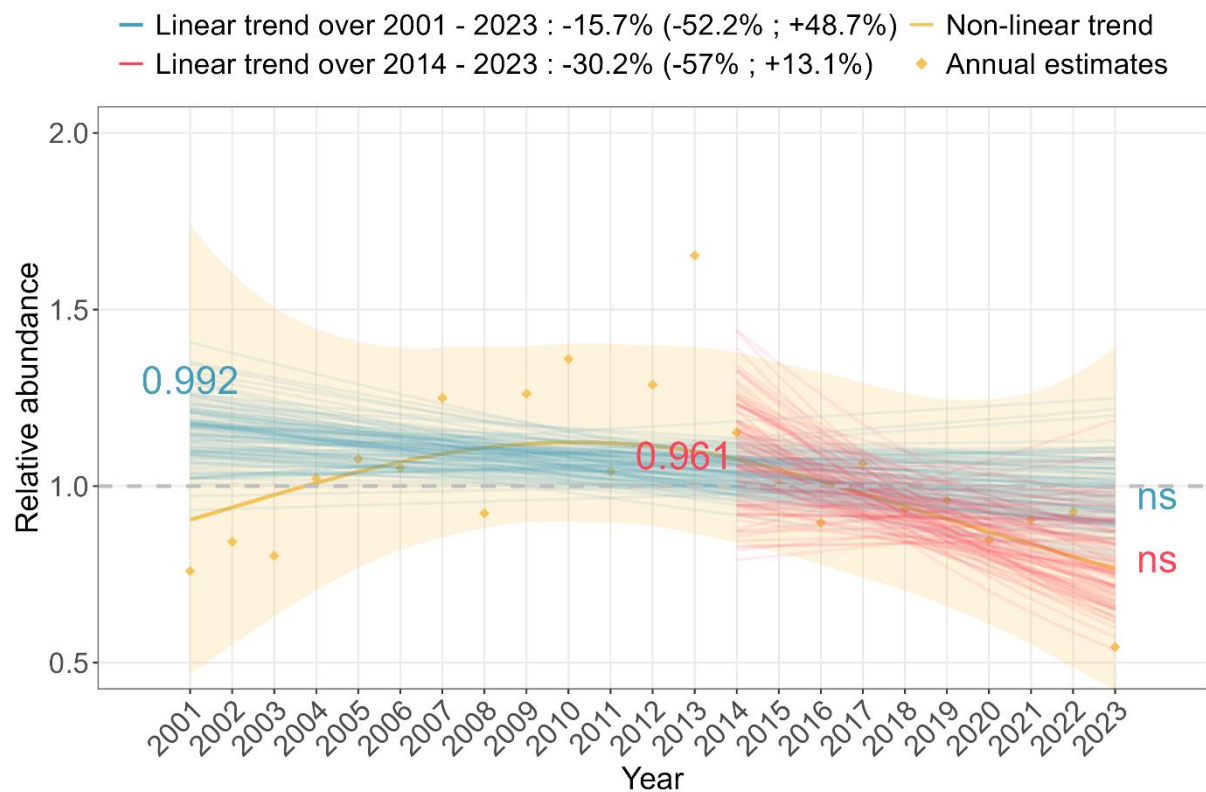
## Red-legged Partridge (*Alectoris rufa*)



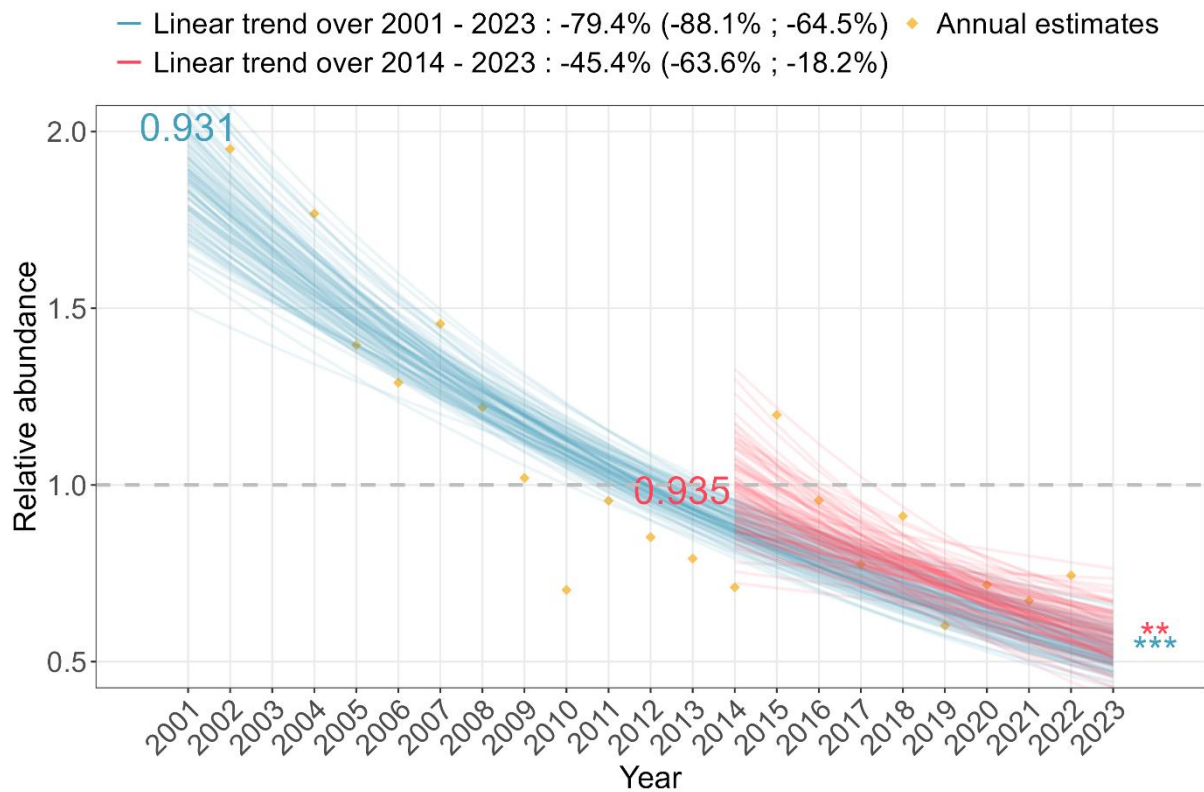
## Mallard (*Anas platyrhynchos*)



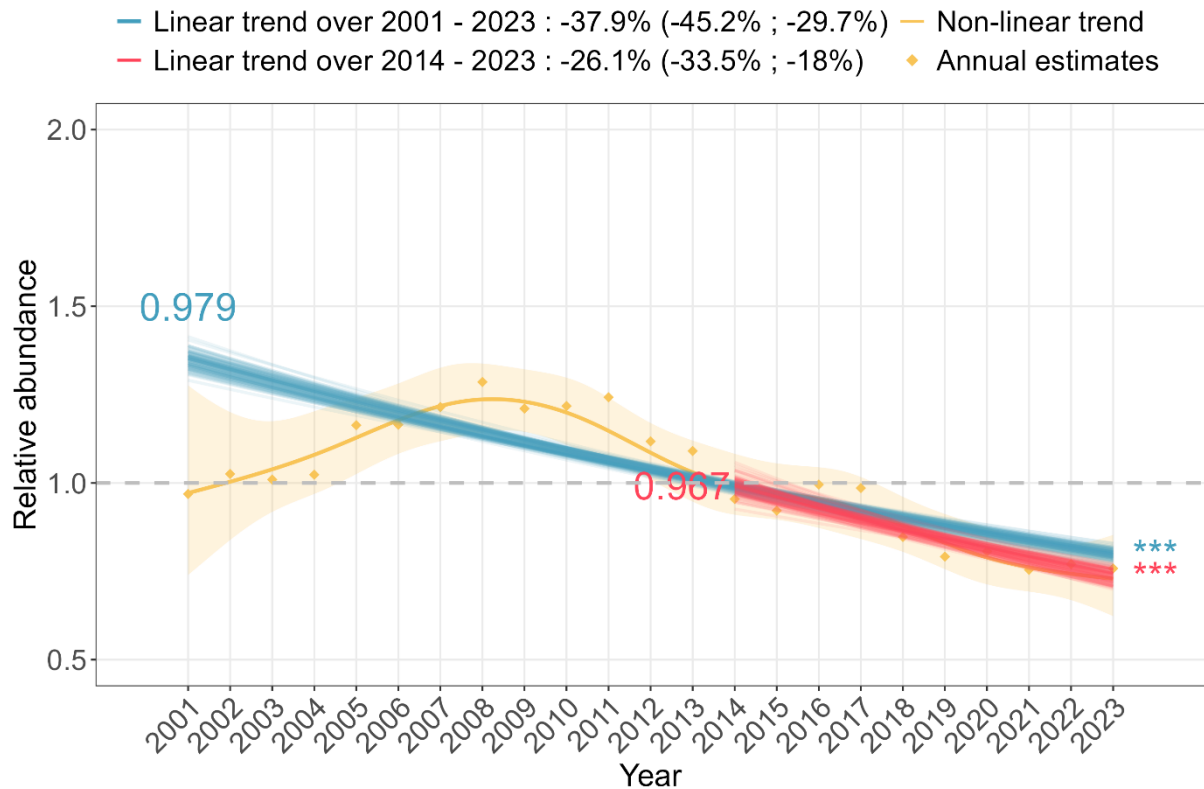
## Tawny Pipit (*Anthus campestris*)



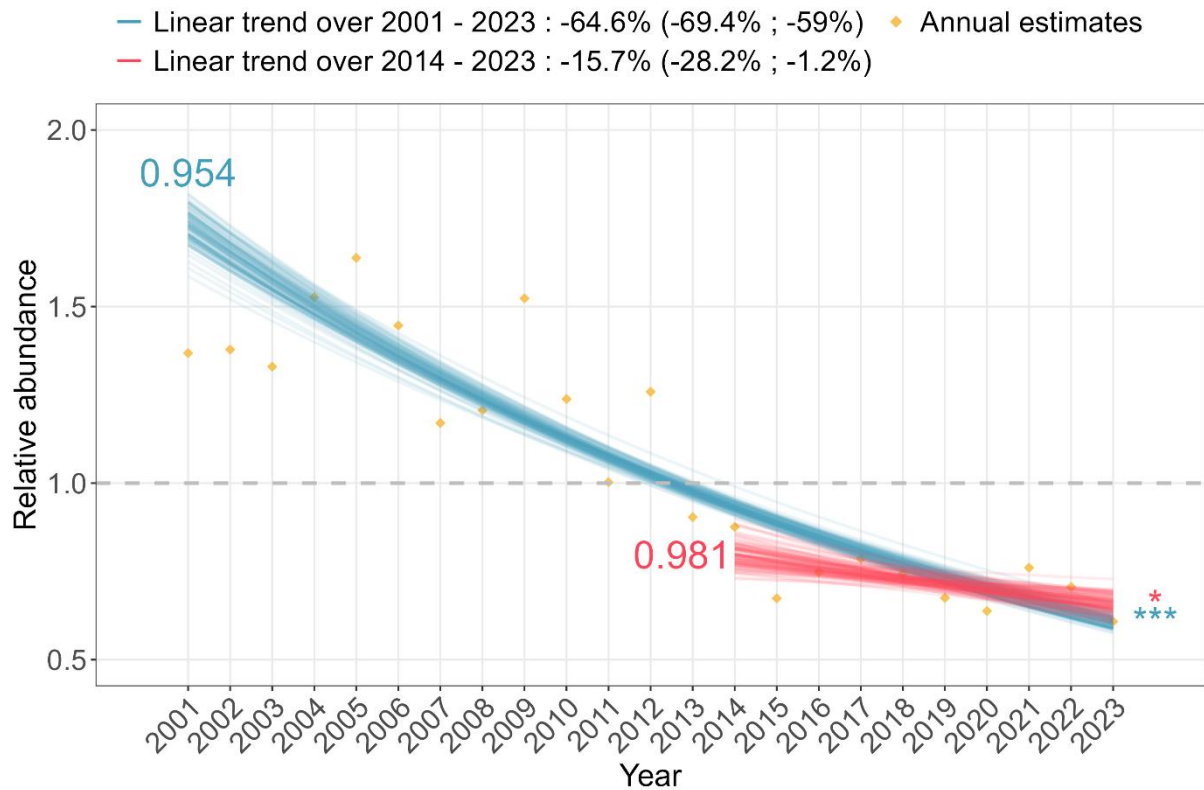
## Meadow Pipit (*Anthus pratensis*)



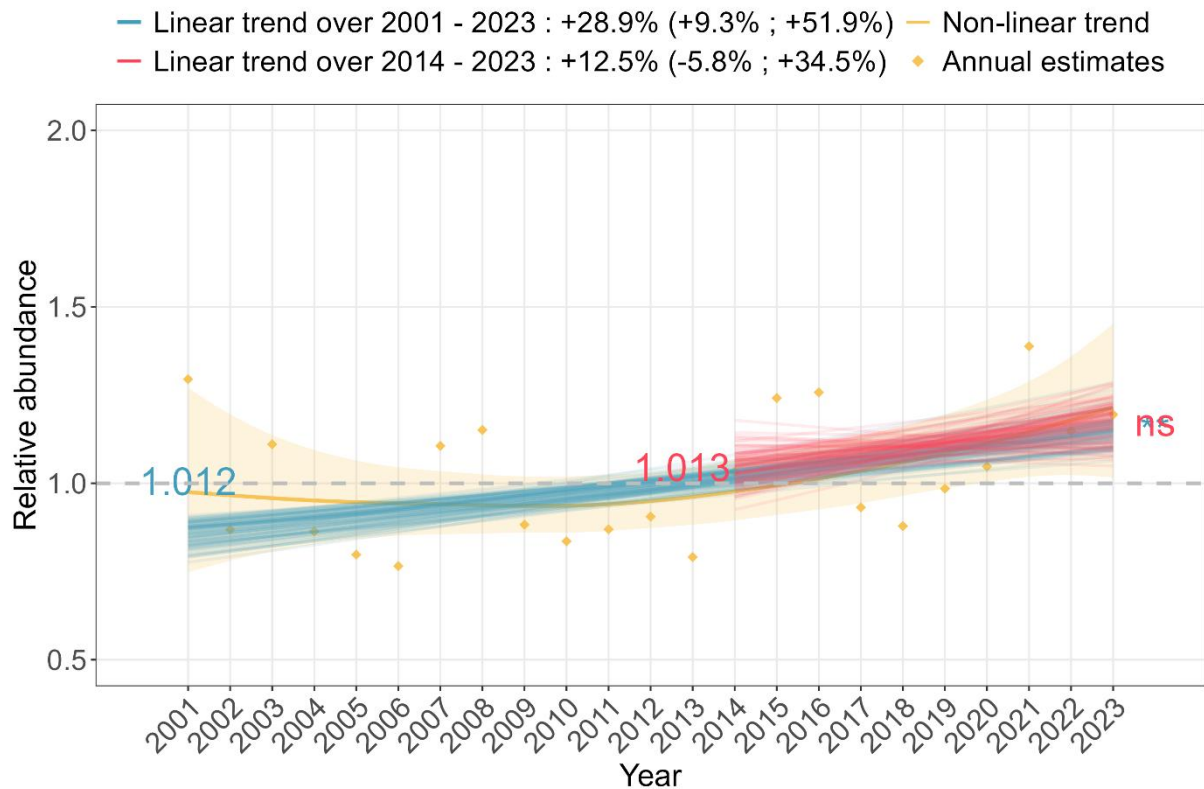
## Tree Pipit (*Anthus trivialis*)



## Common Swift (*Apus apus*)

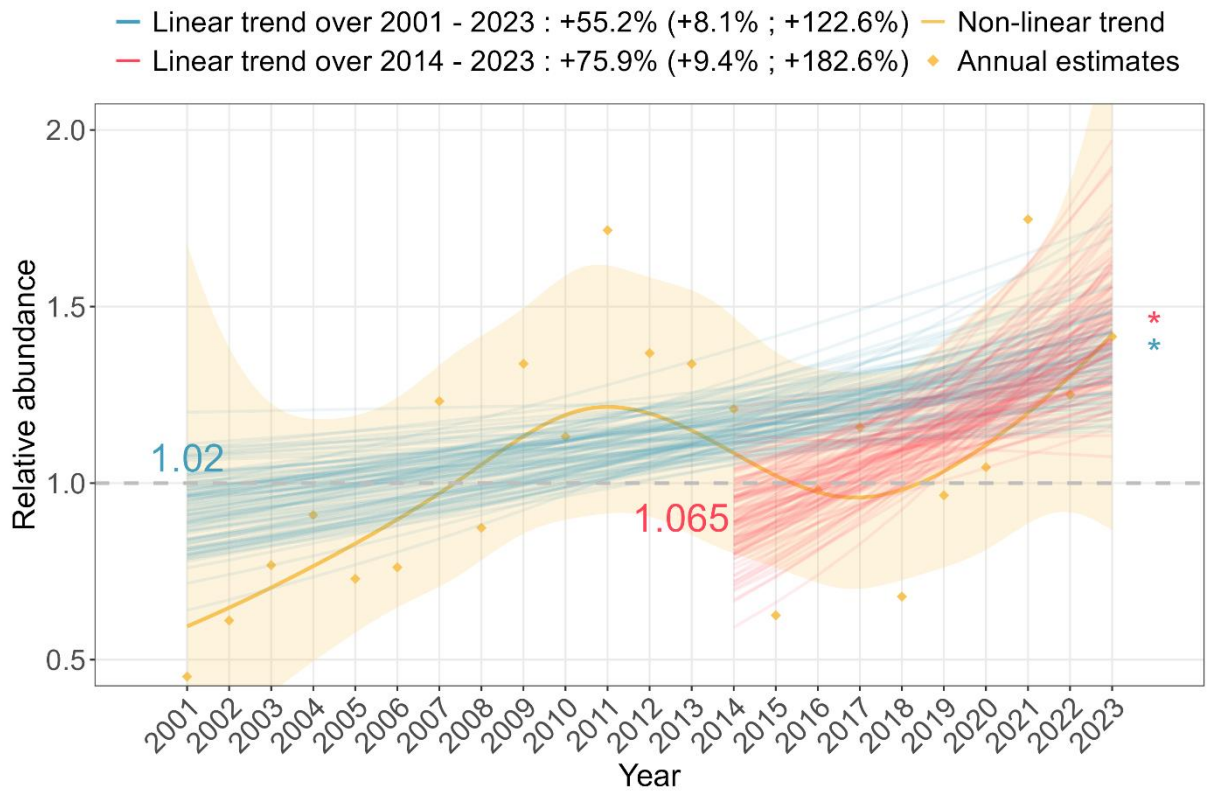


## Gray Heron (*Ardea cinerea*)

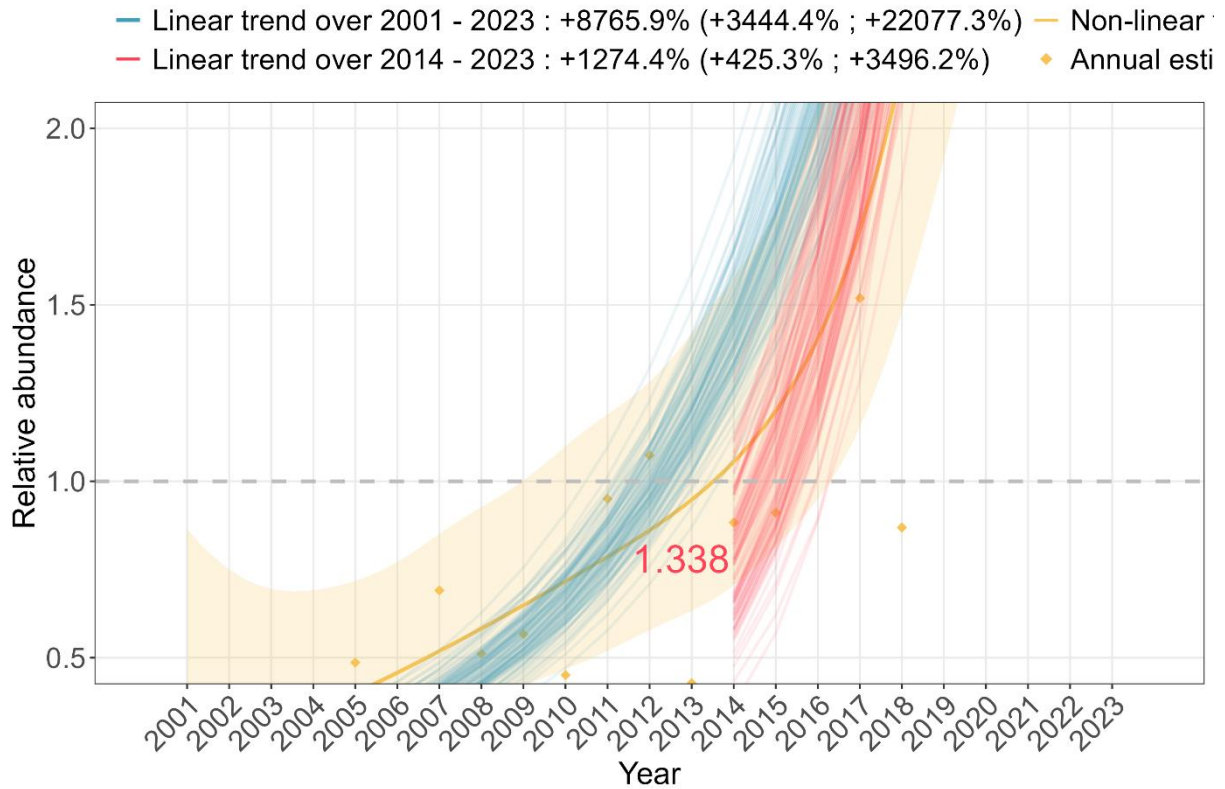




## Little Owl (*Athene noctua*)

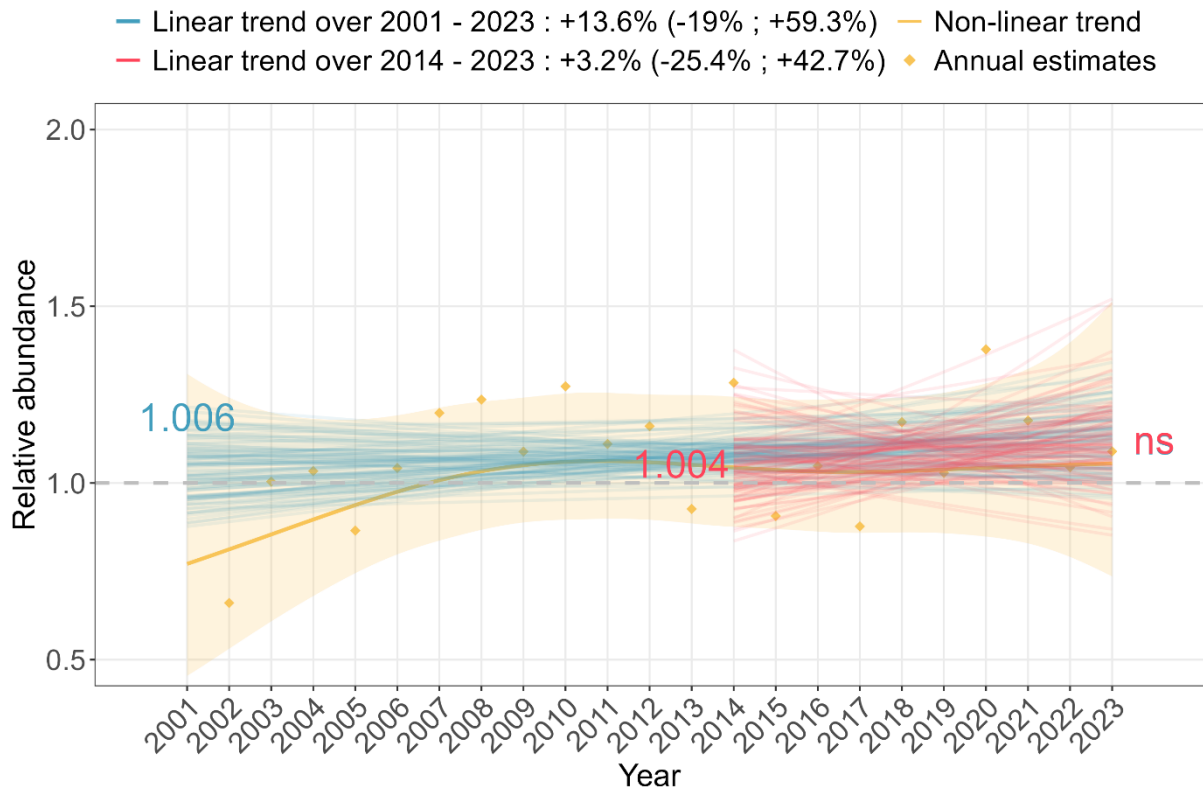


## Cattle Egret (*Bubulcus ibis*)

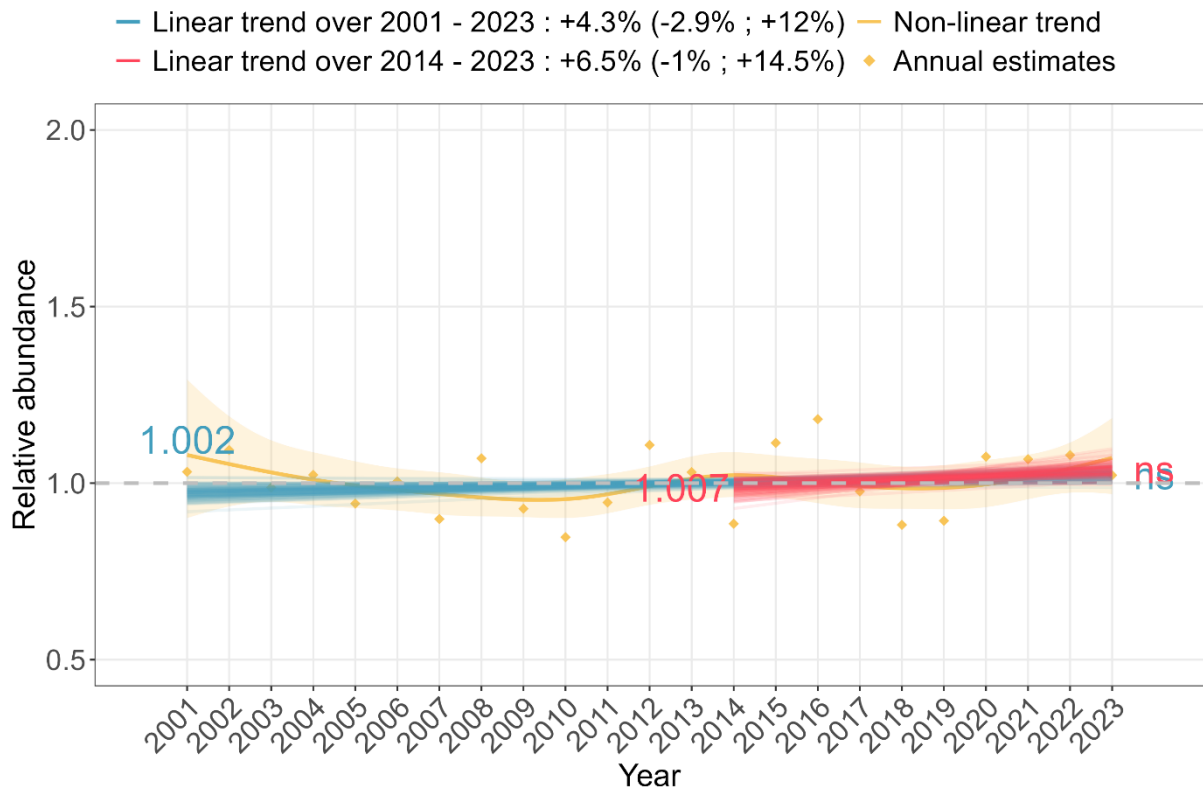




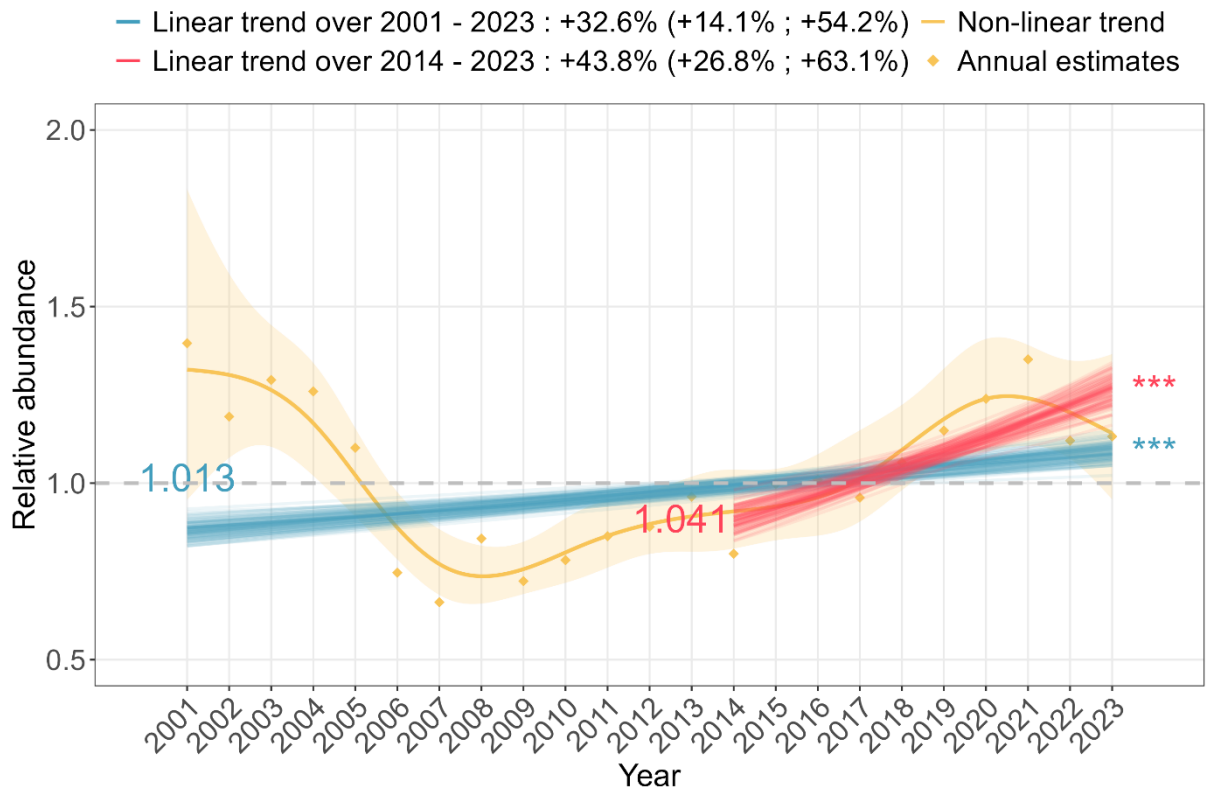
## Eurasian Thick-knee (*Burhinus oedicnemus*)



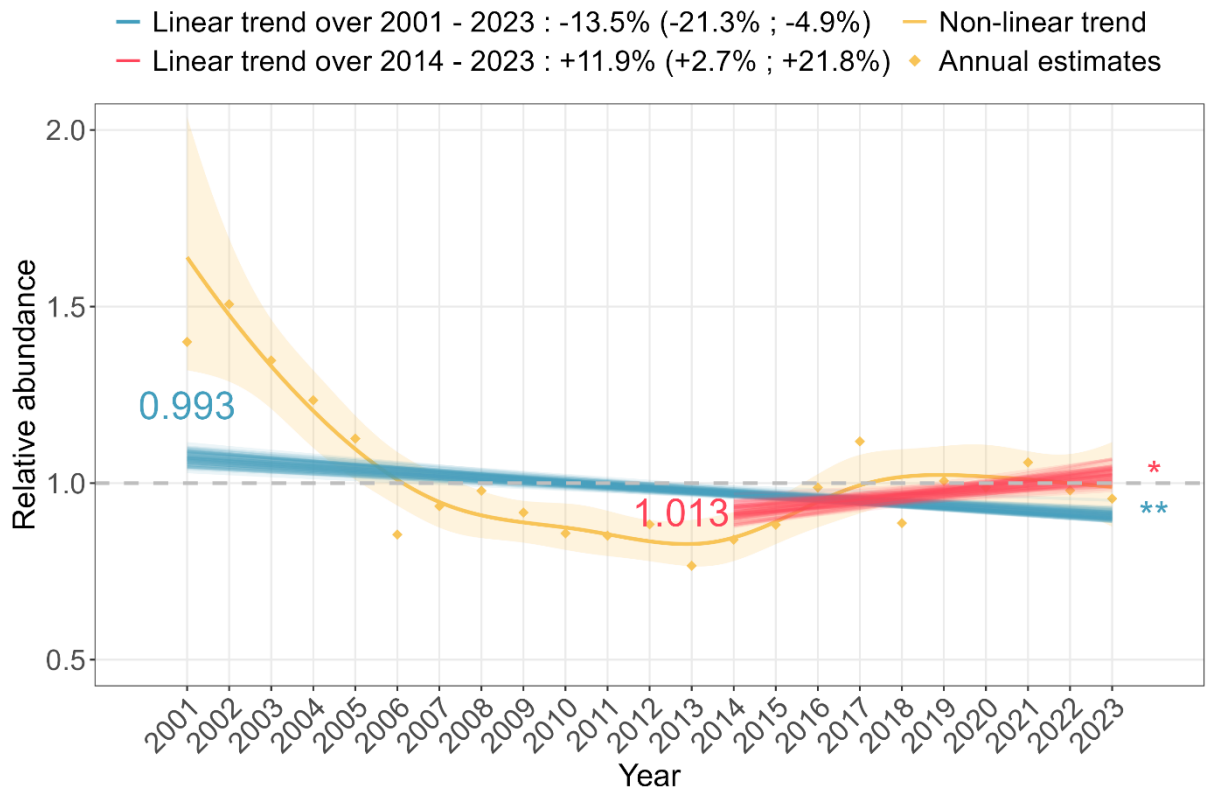
## Common Buzzard (*Buteo buteo*)



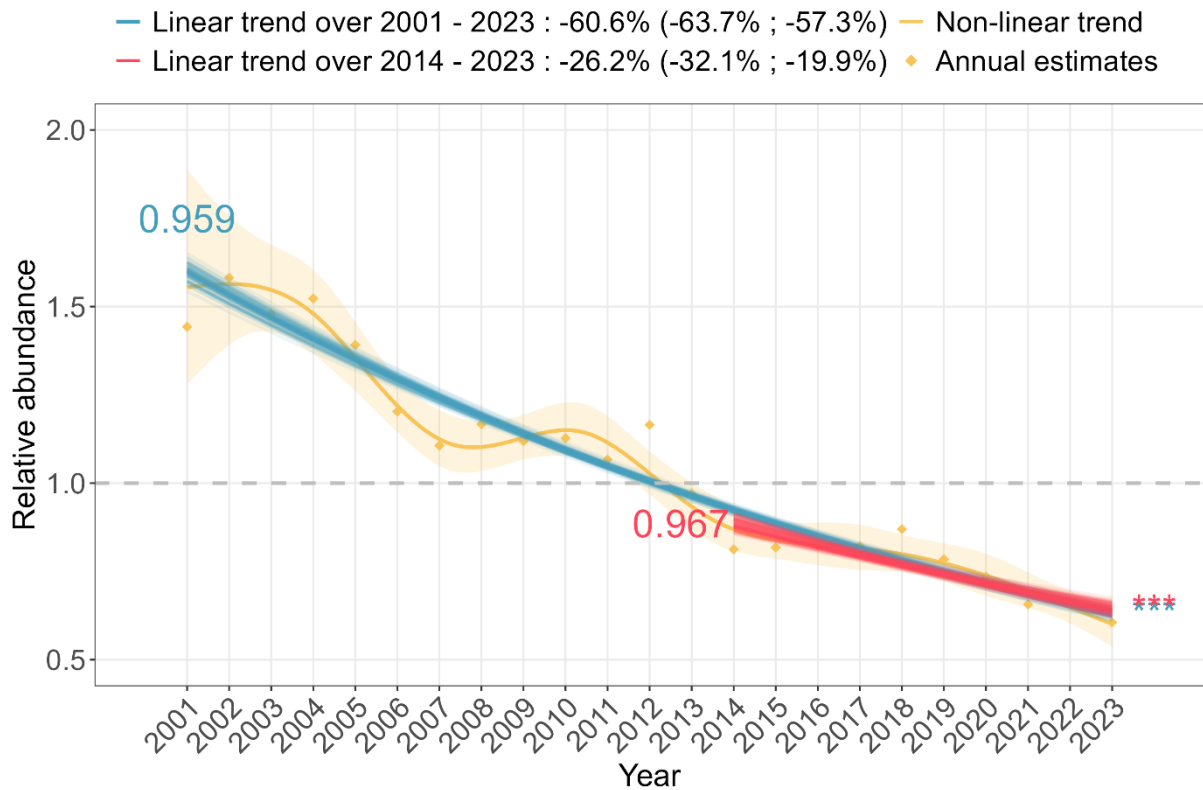
## Eurasian Linnet (*Carduelis cannabina*)



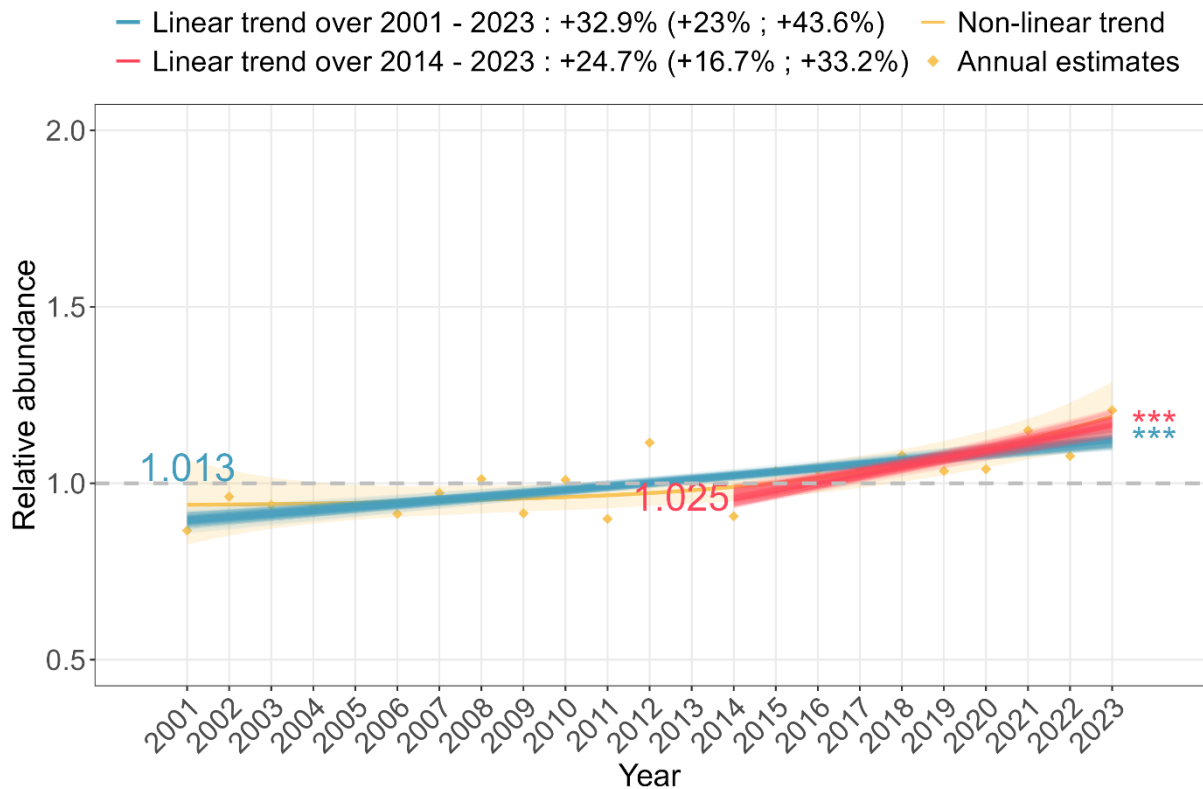
## European Goldfinch (*Carduelis carduelis*)



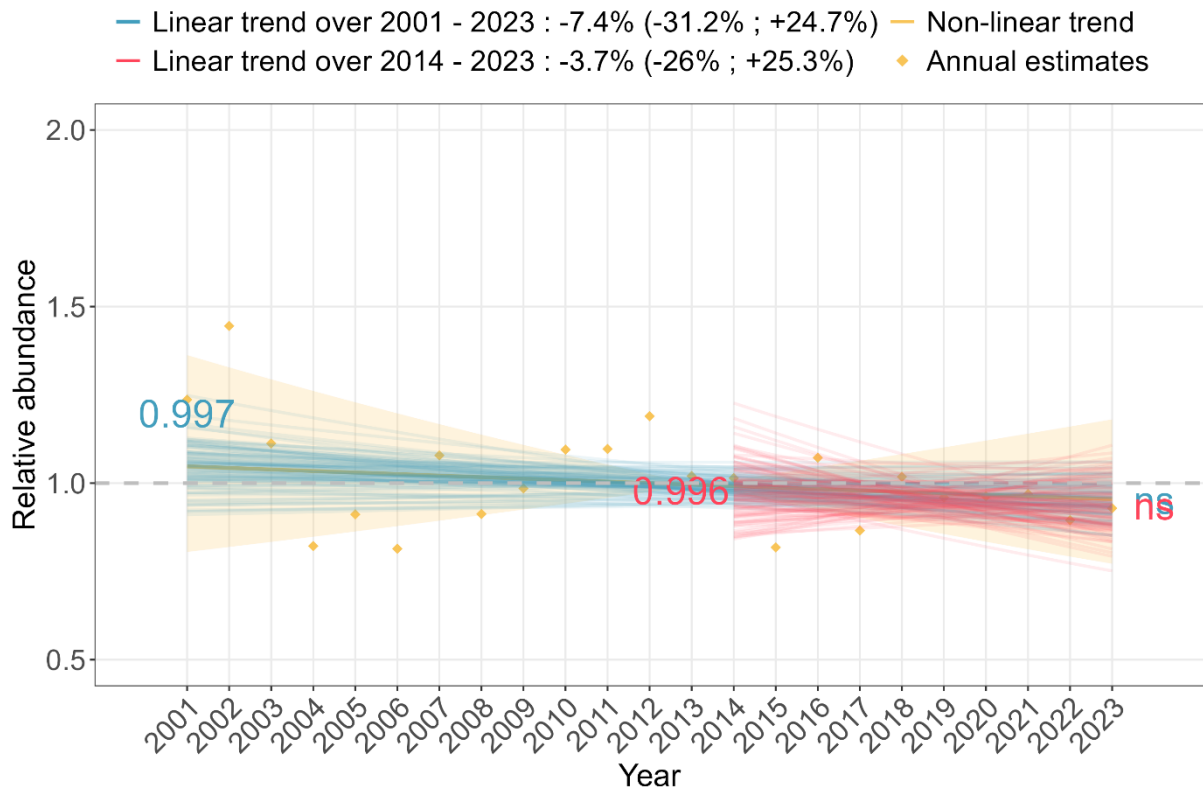
## European Greenfinch (*Carduelis chloris*)



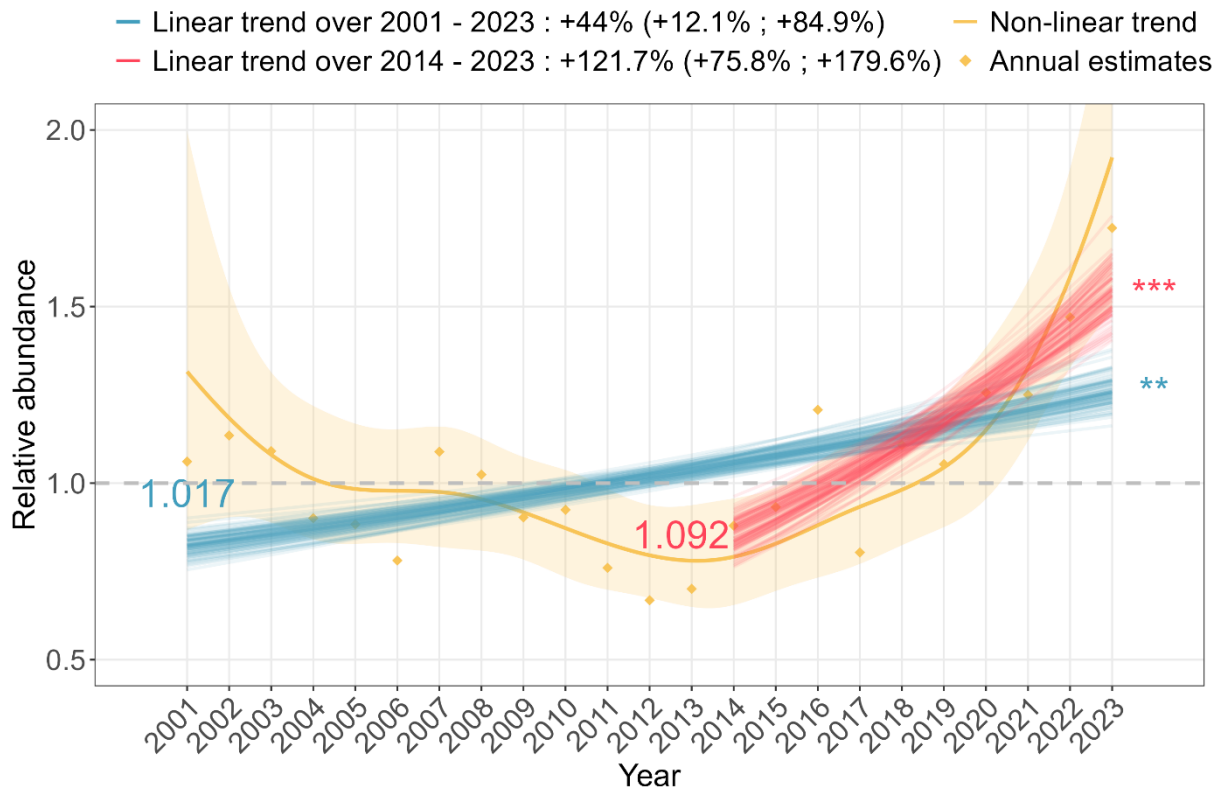
## Short-toed Treecreeper (*Certhia brachydactyla*)



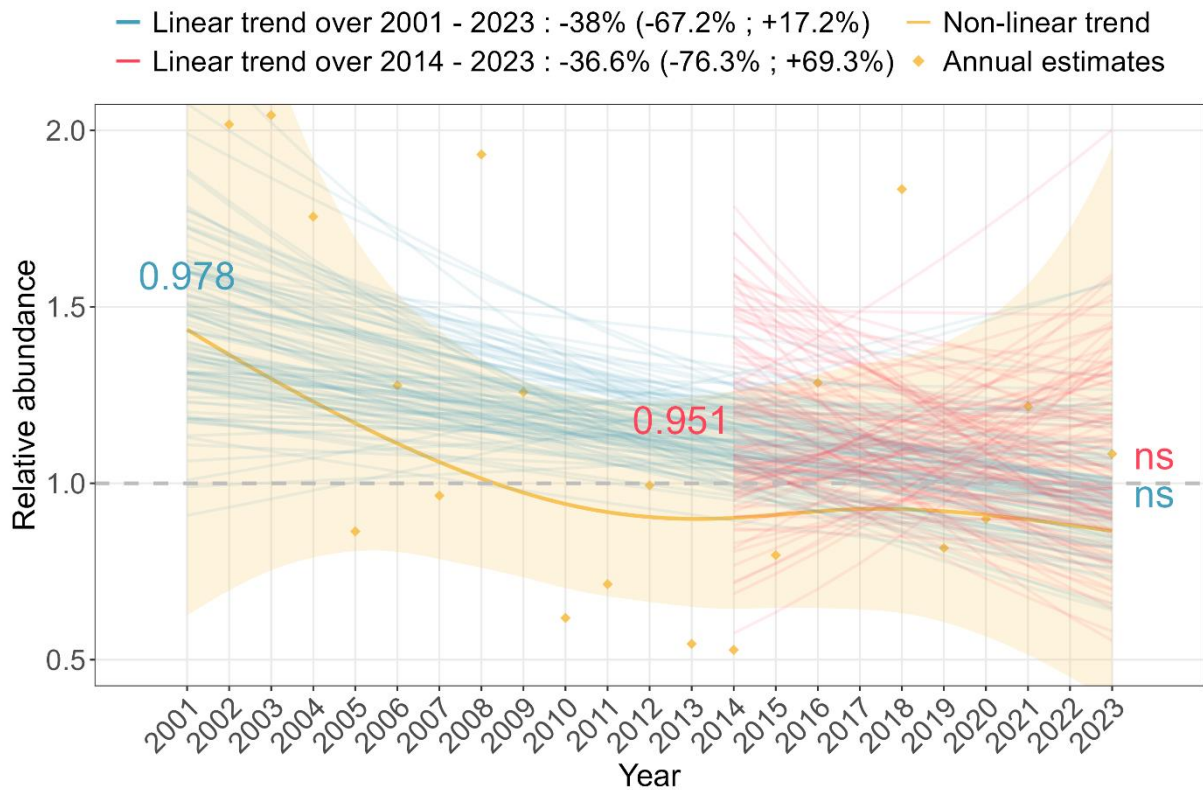
## Eurasian Treecreeper (*Certhia familiaris*)



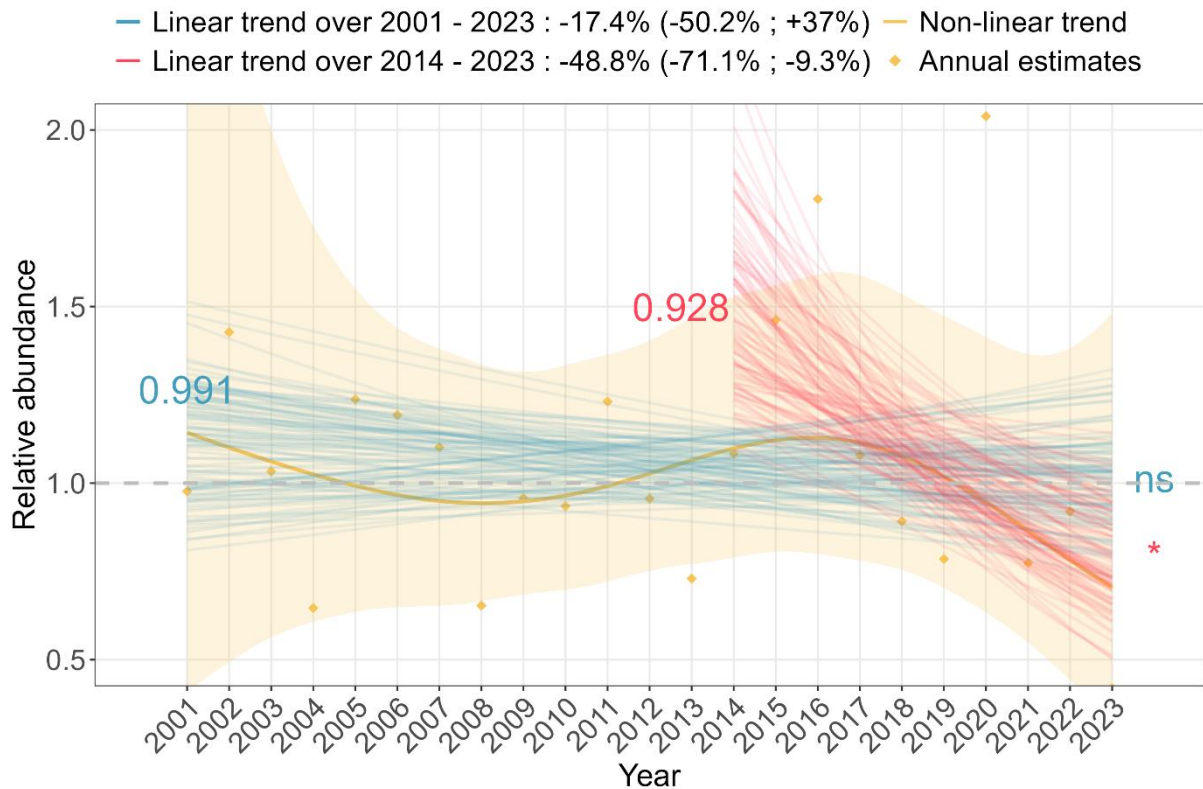
## Cetti's Warbler (*Cettia cetti*)



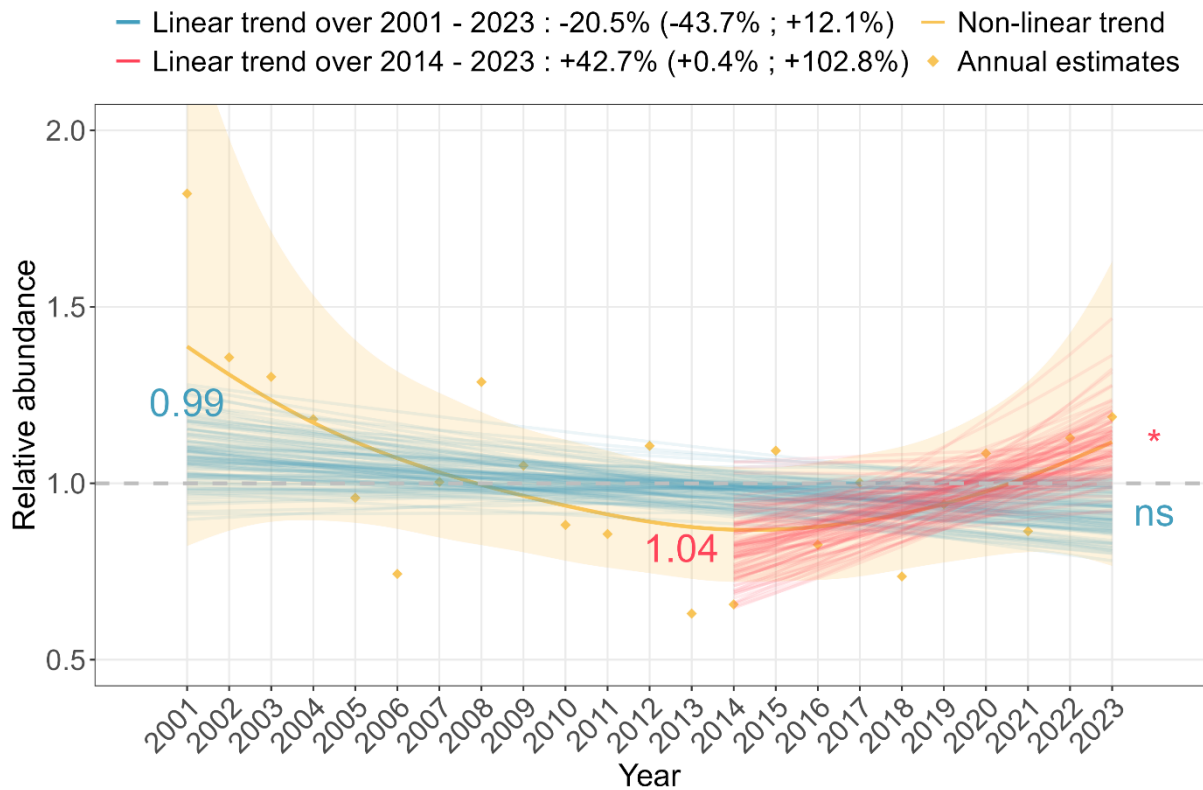
## Little Ringed Plover (*Charadrius dubius*)



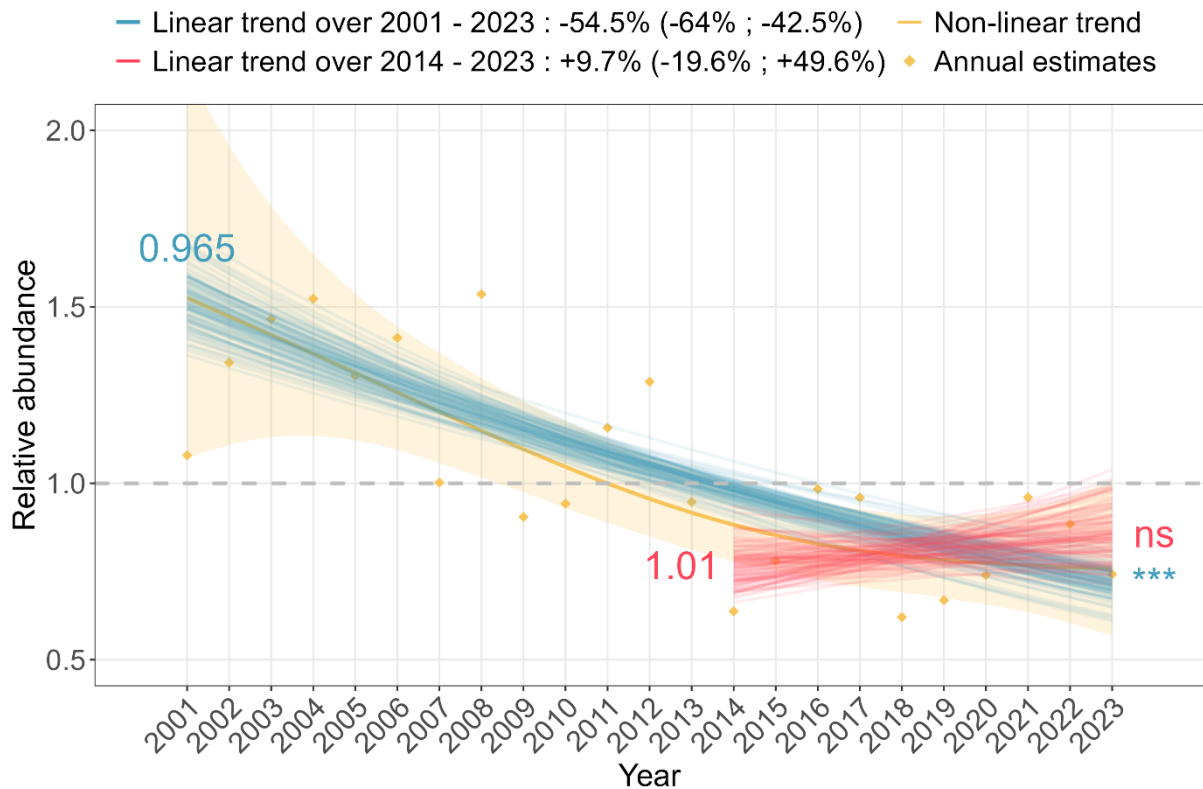
## White-throated Dipper (*Cinclus cinclus*)



## Eurasian Marsh-Harrier (*Circus aeruginosus*)

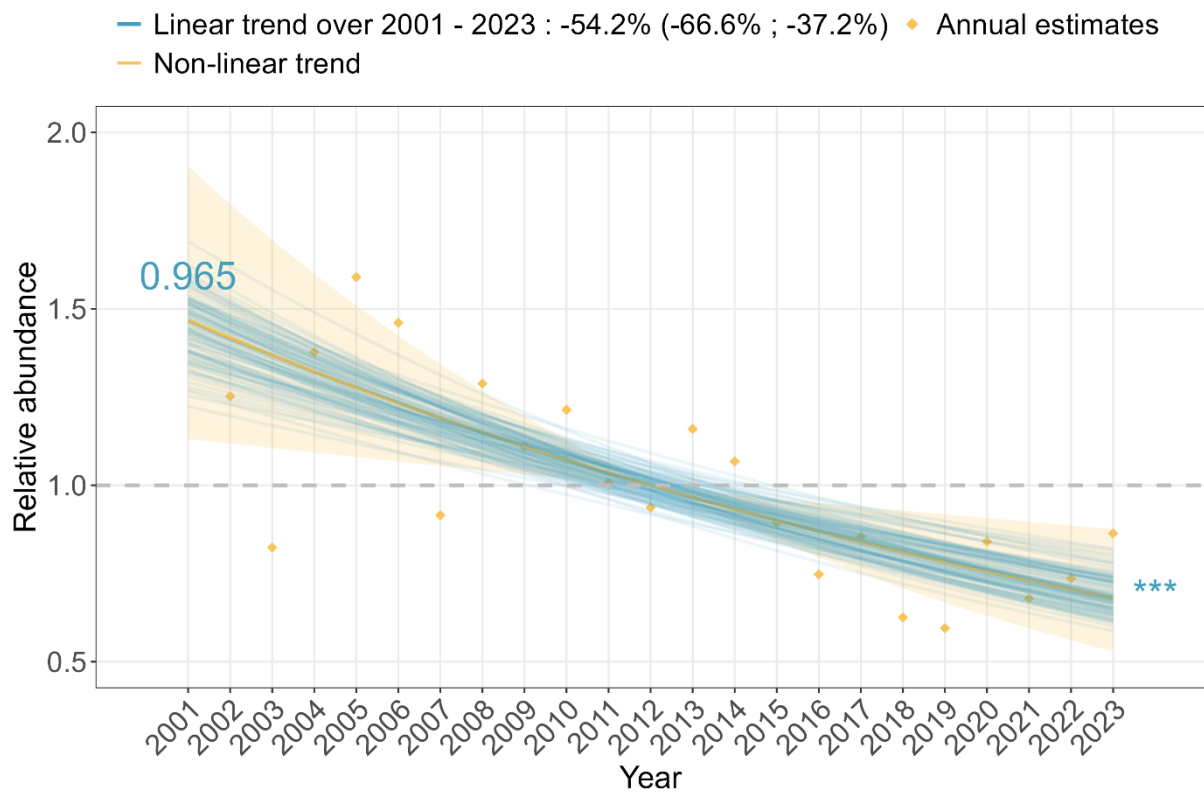


## Northern Harrier (*Circus cyaneus*)

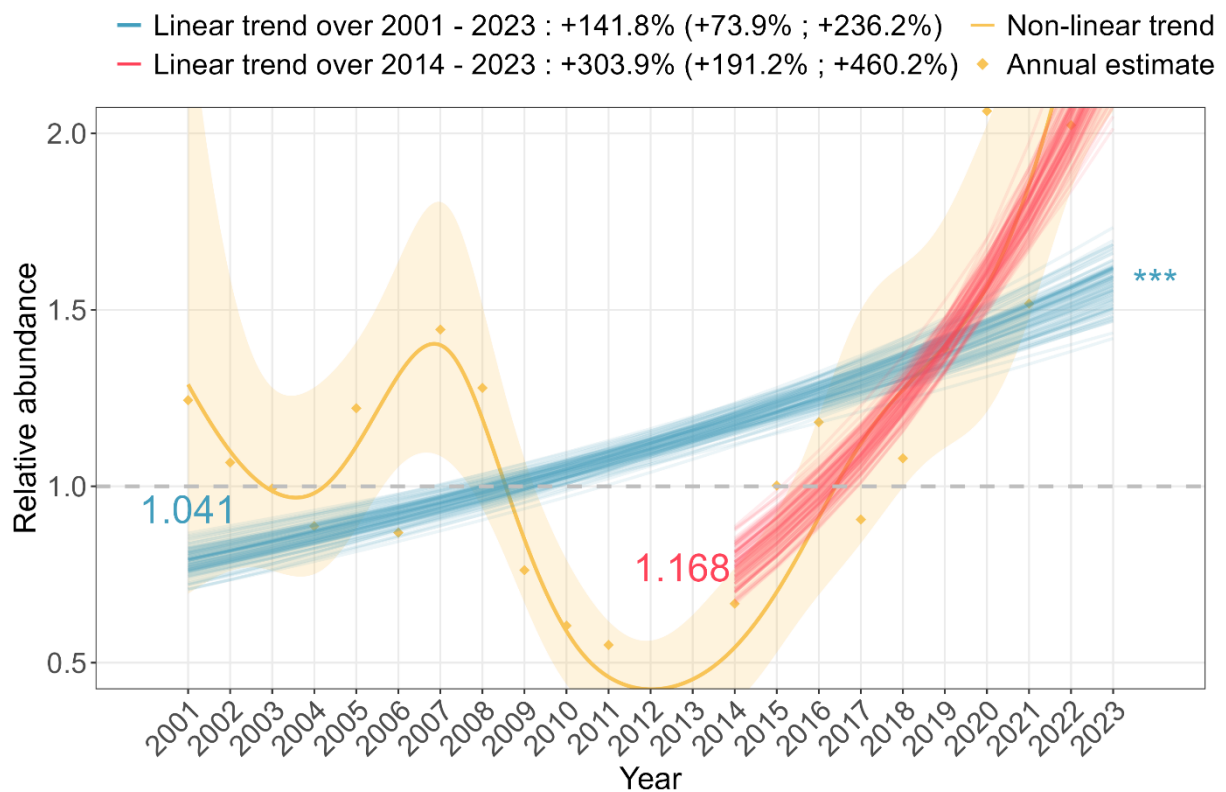




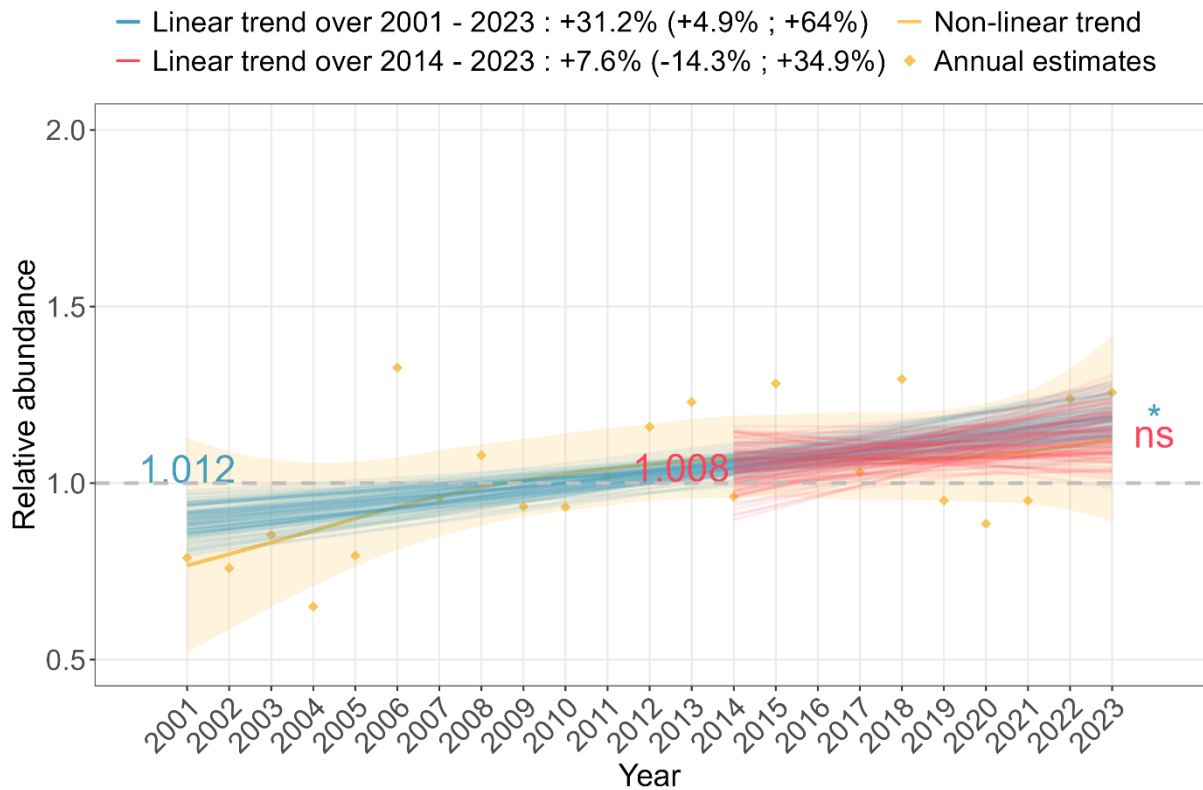
## Montagu's Harrier (*Circus pygargus*)



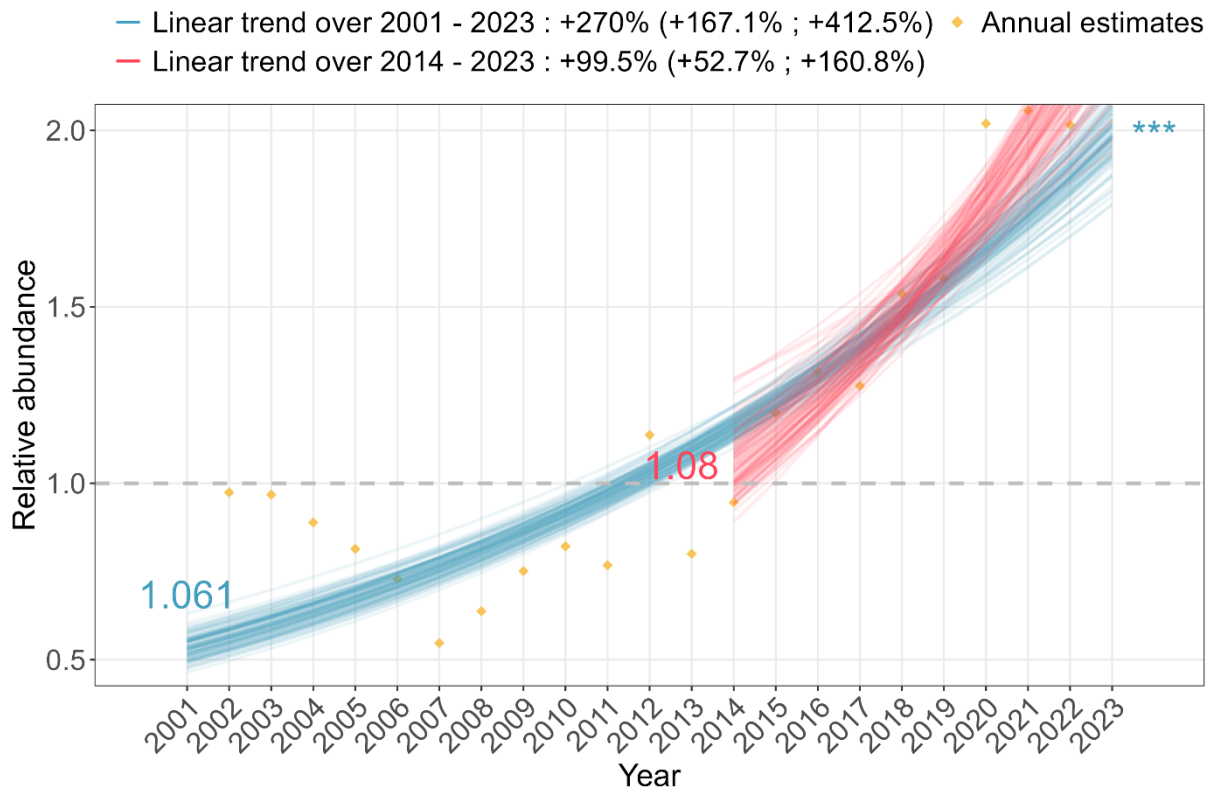
## Zitting Cisticola (*Cisticola juncidis*)



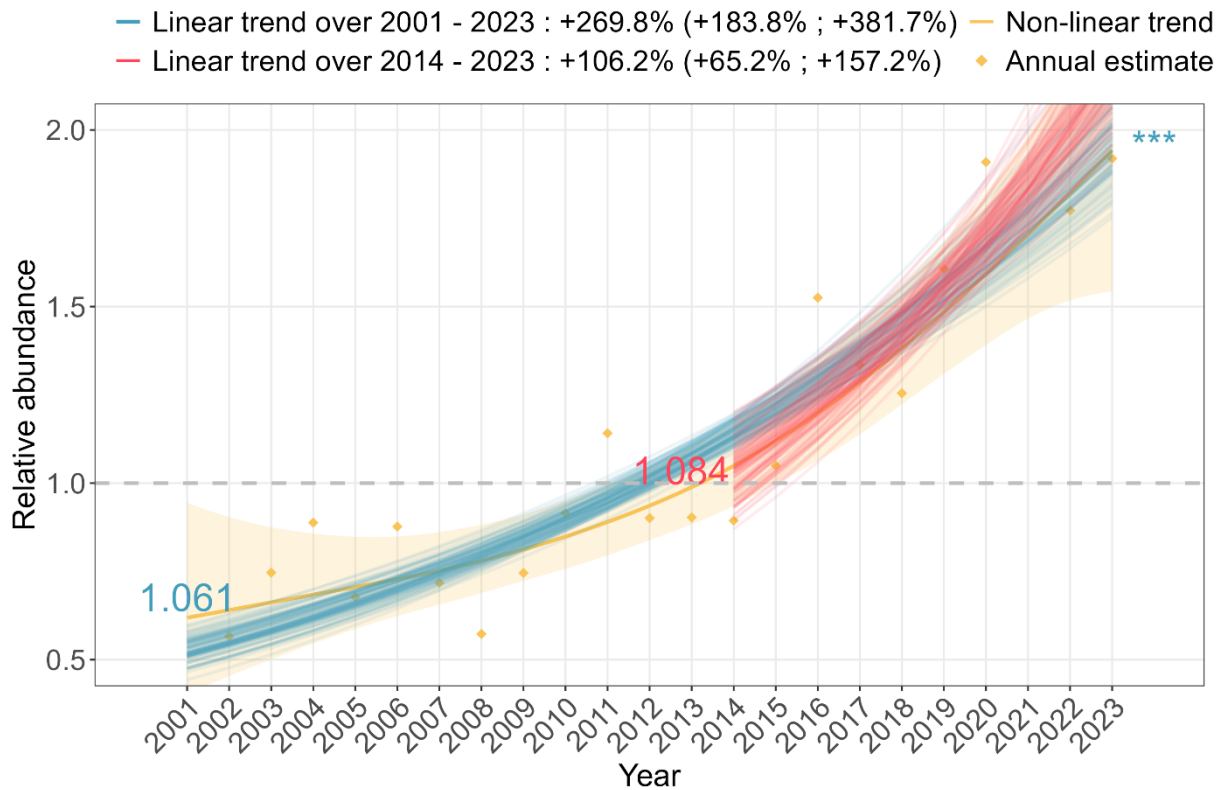
## Hawfinch (*Coccothraustes coccothraustes*)



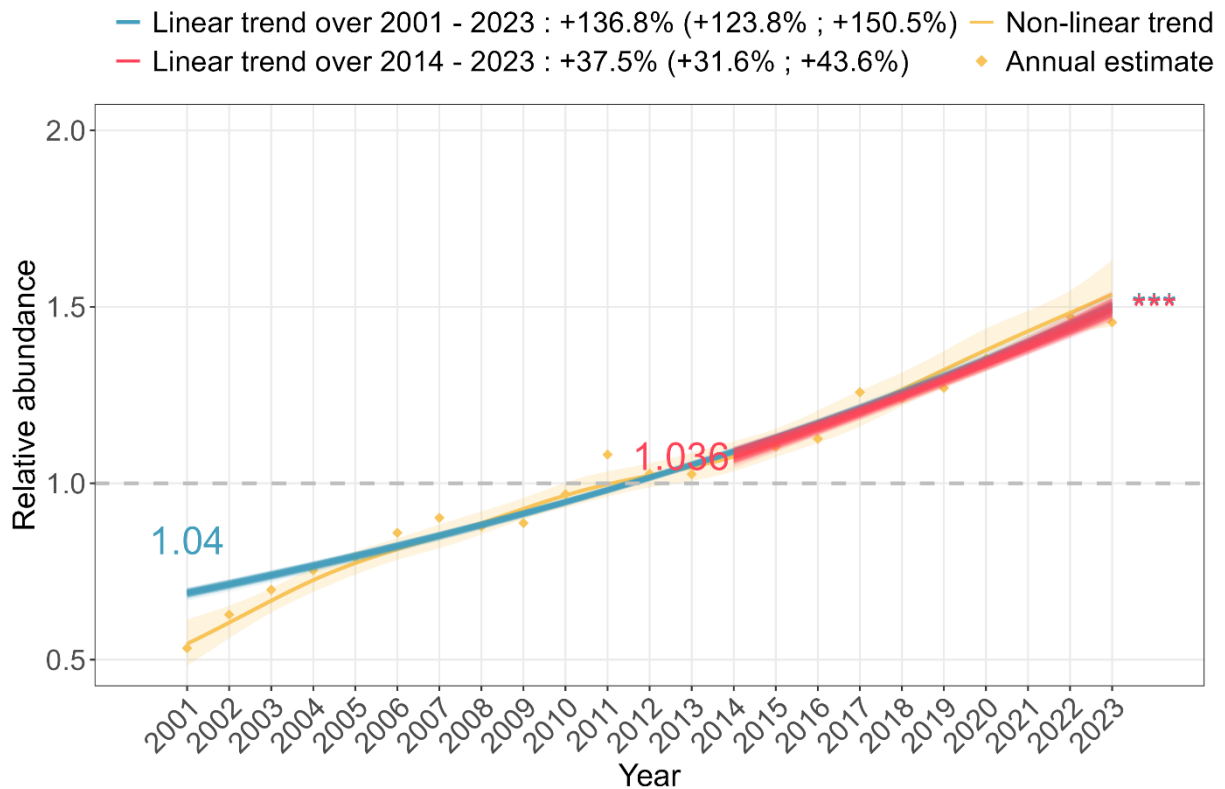
## Rock Pigeon (*Columba livia*)



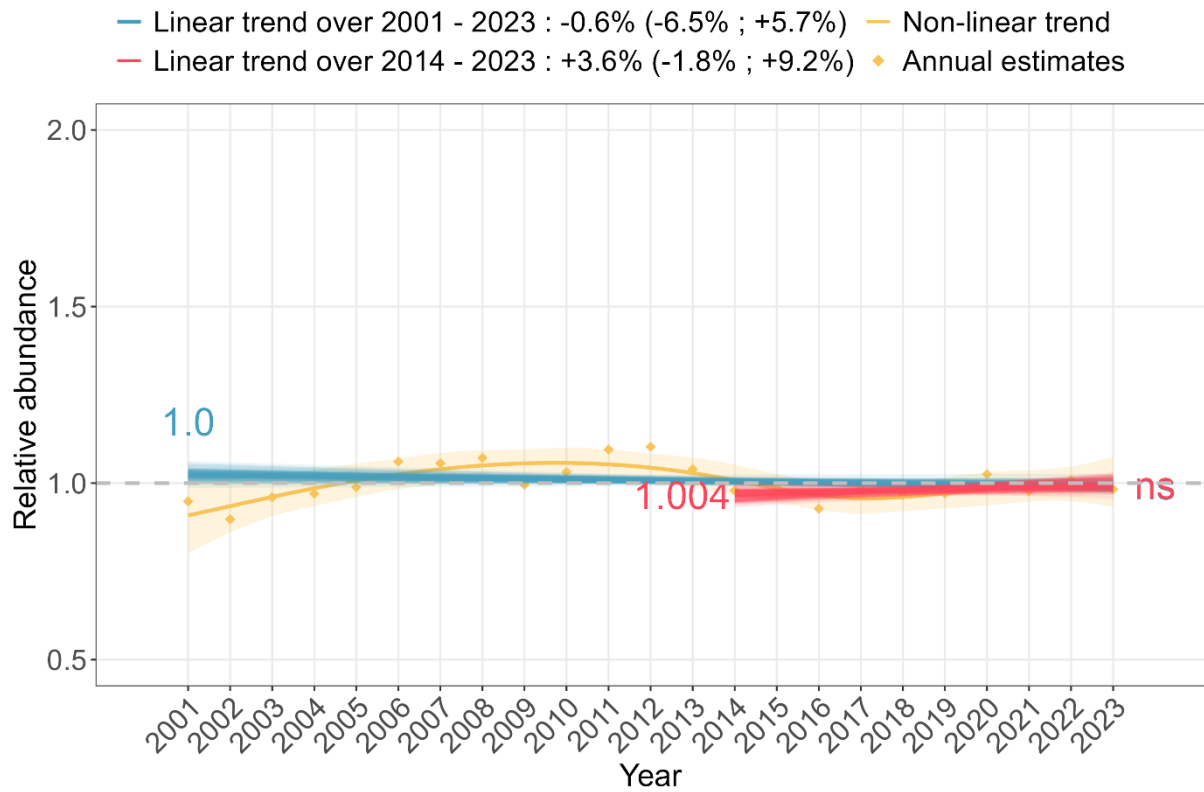
## Stock Dove (*Columba oenas*)



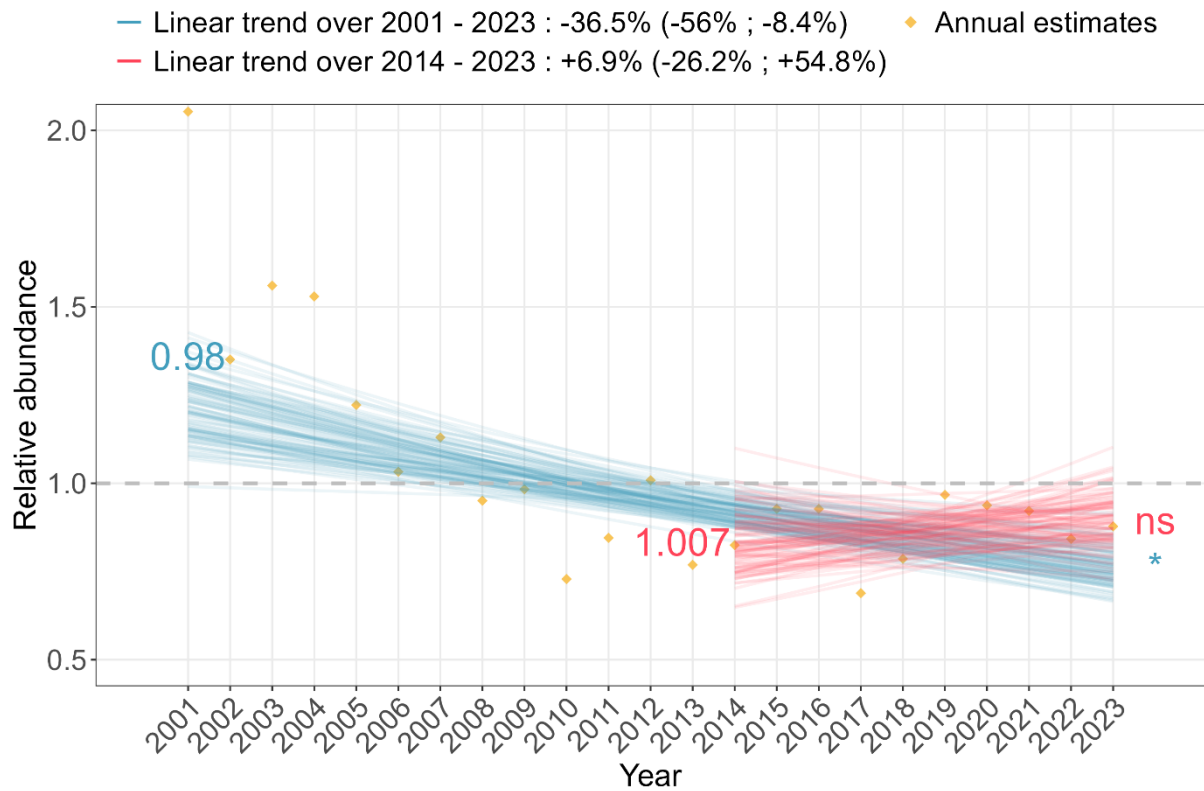
## Common Wood-Pigeon (*Columba palumbus*)



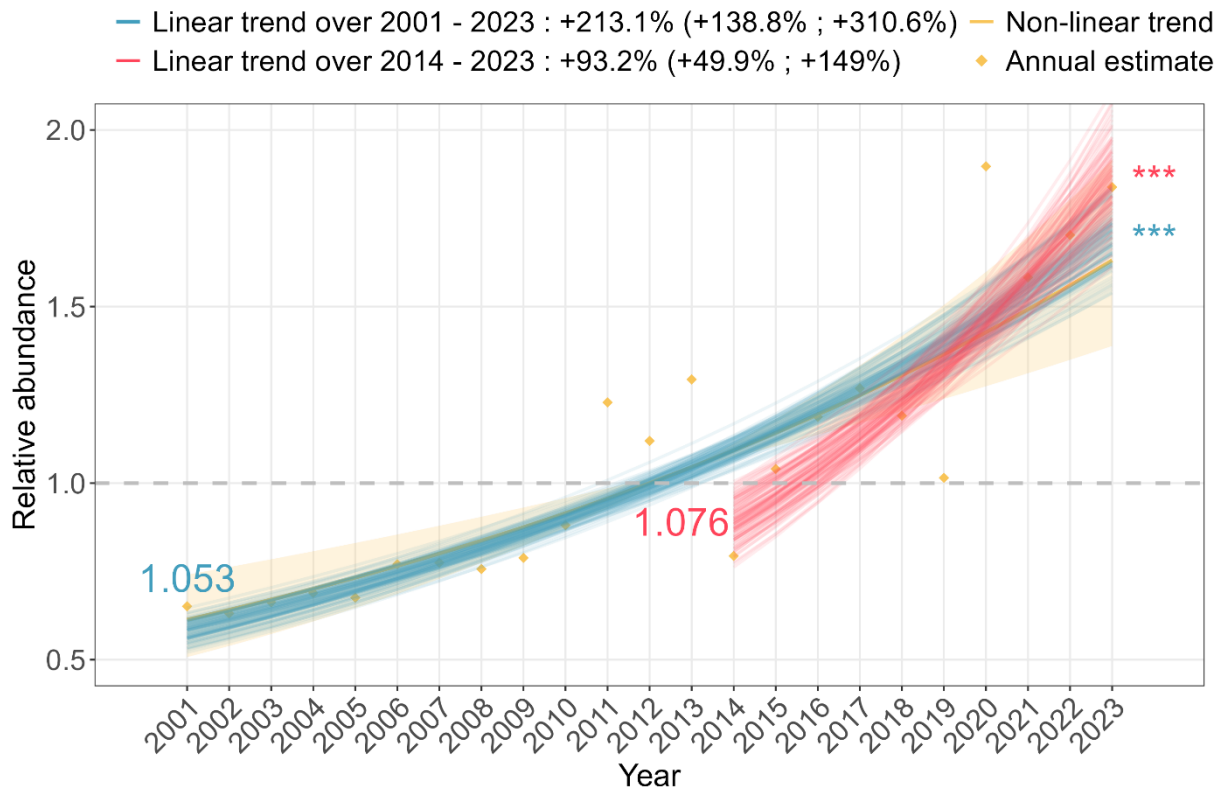
## Carrion Crow (*Corvus corone*)



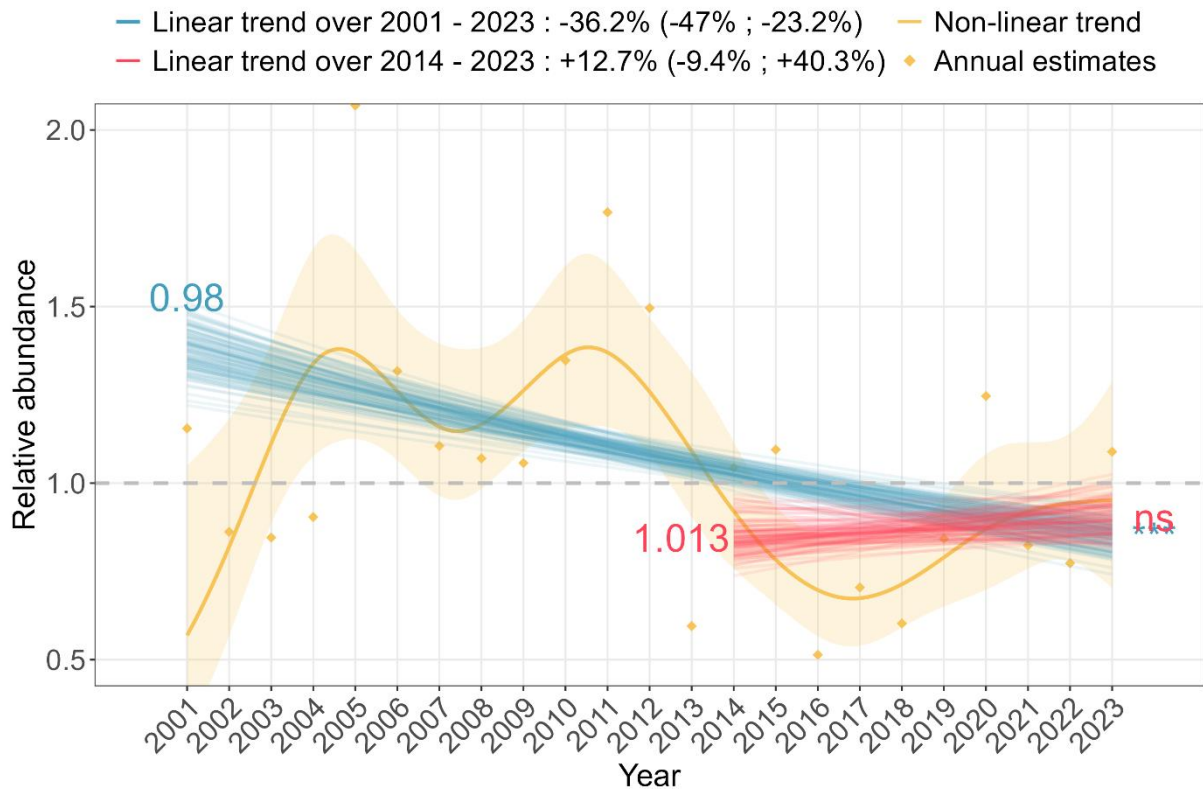
## Rook (*Corvus frugilegus*)



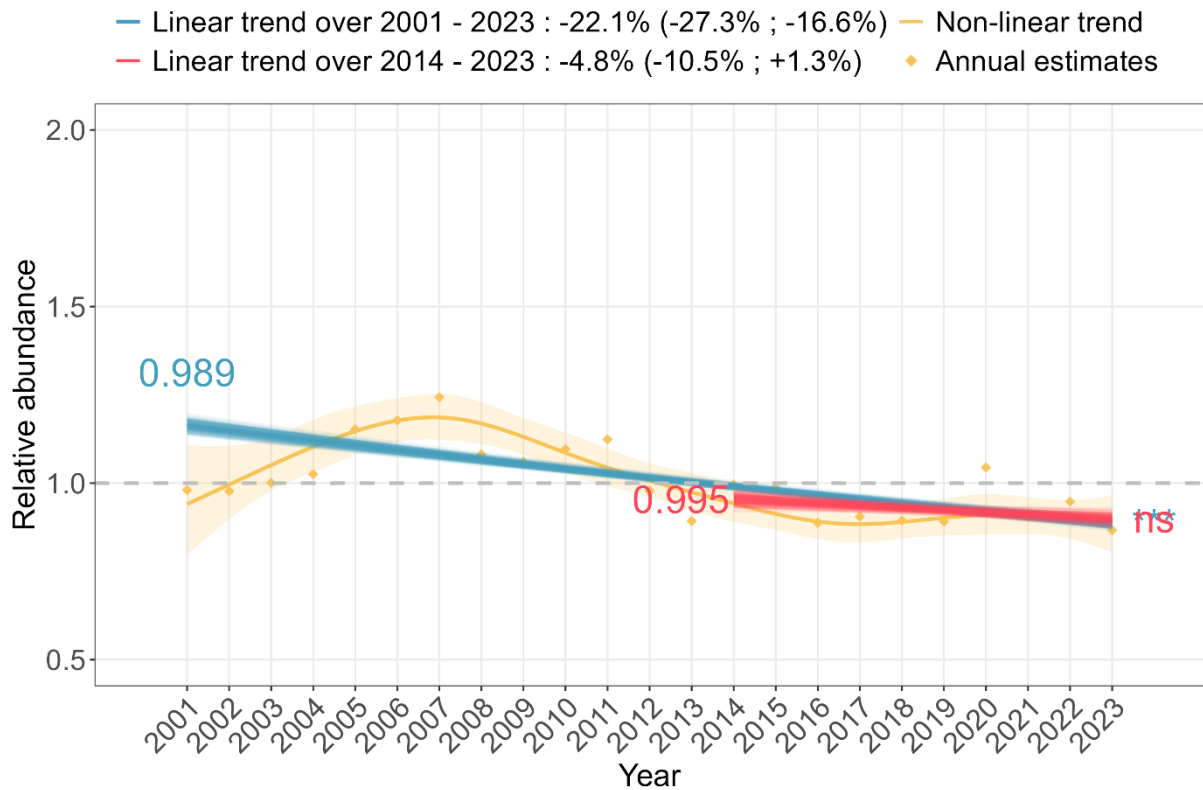
## Eurasian Jackdaw (*Corvus monedula*)



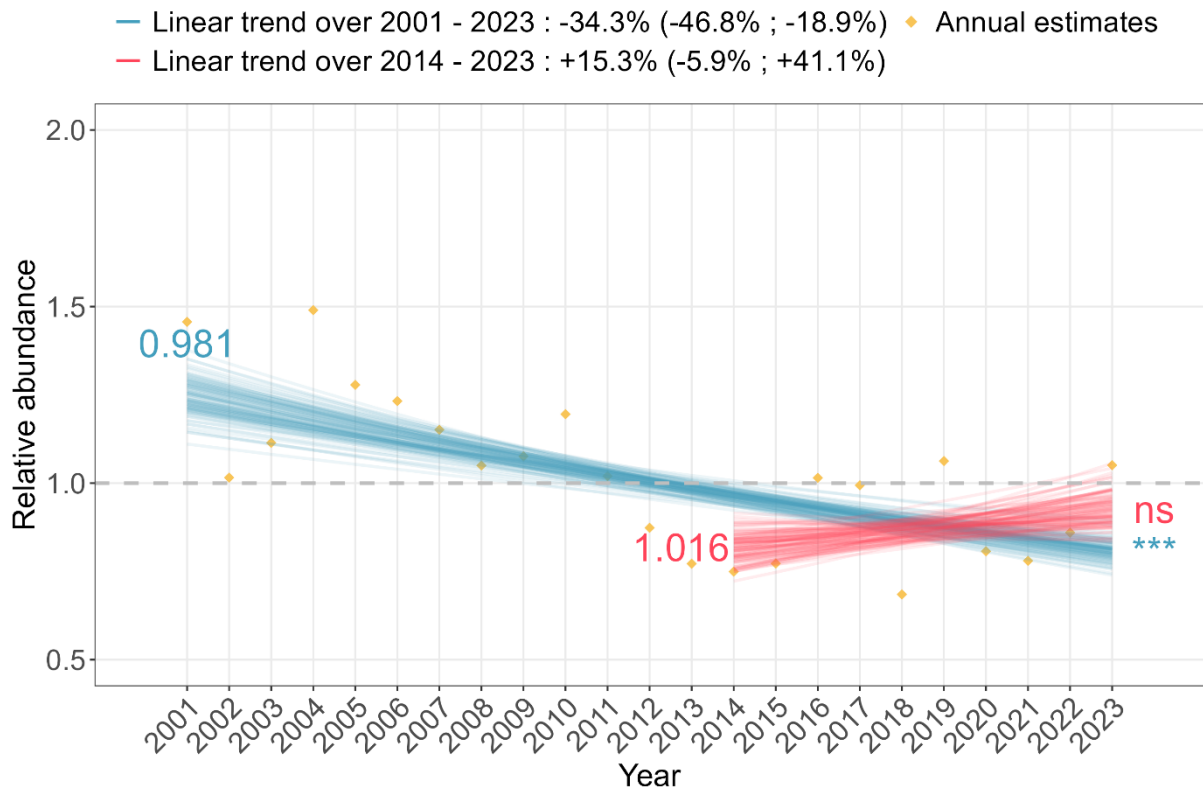
## Common Quail (*Coturnix coturnix*)



## Common Cuckoo (*Cuculus canorus*)

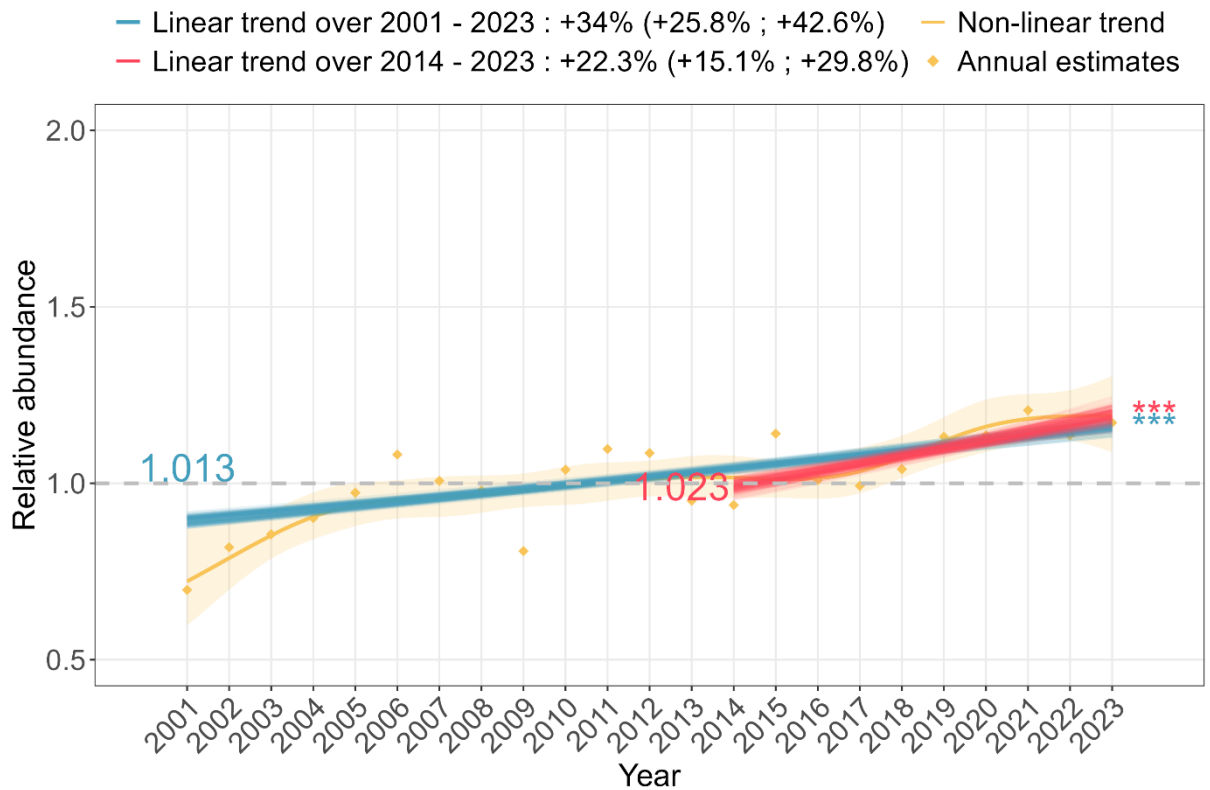


## Common House-Martin (*Delichon urbicum*)

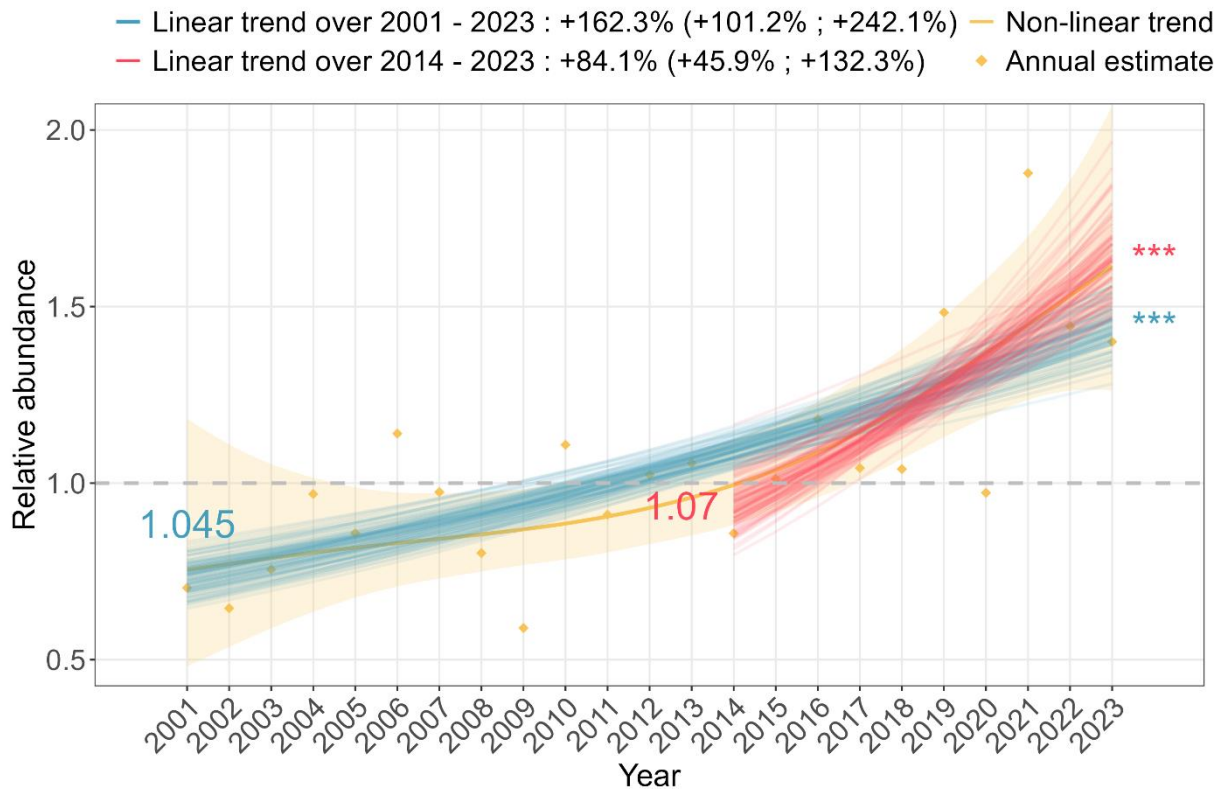




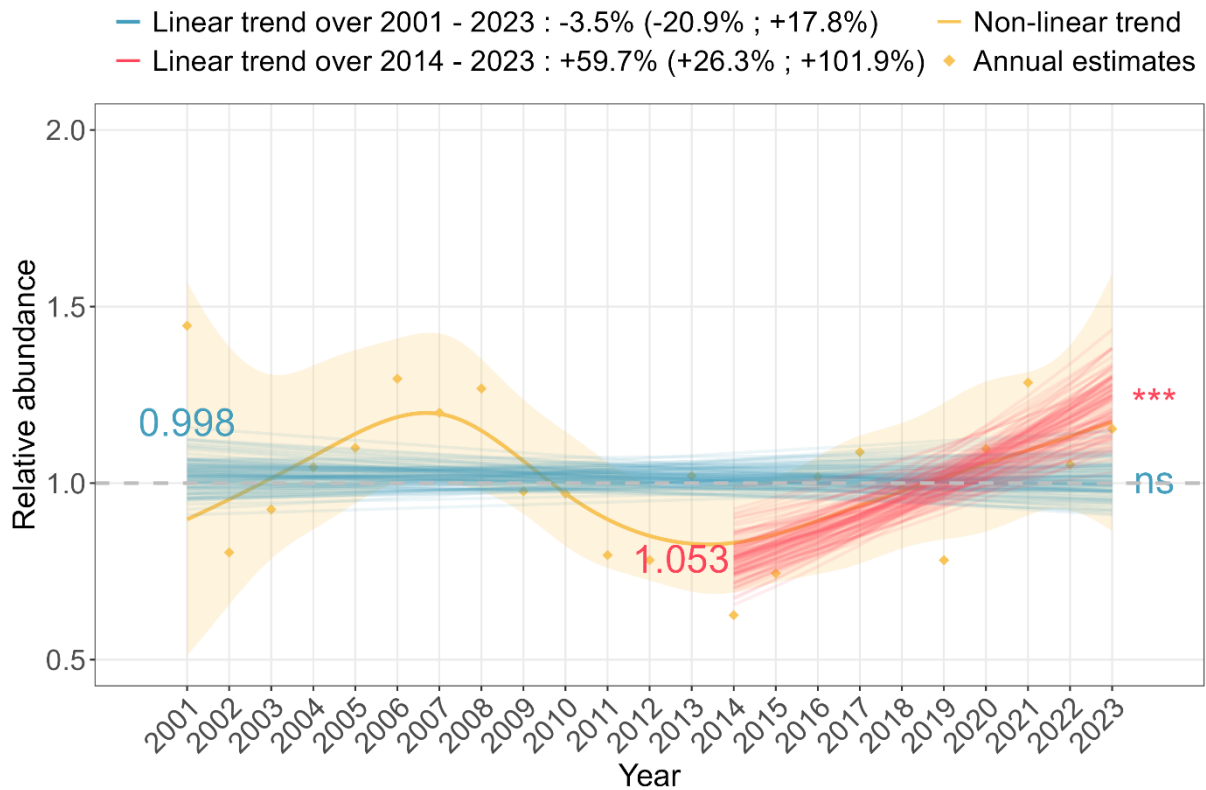
## Great Spotted Woodpecker (*Dendrocopos major*)



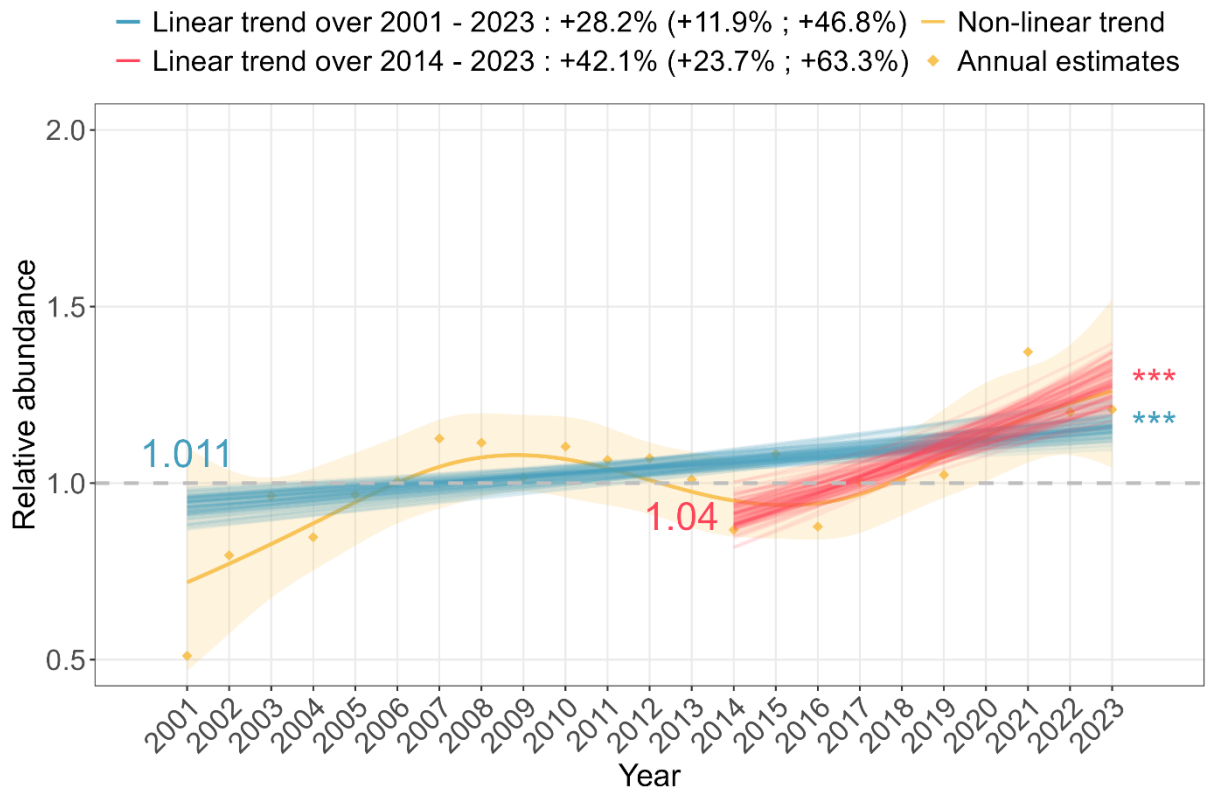
## Middle Spotted Woodpecker (*Dendrocopos medius*)



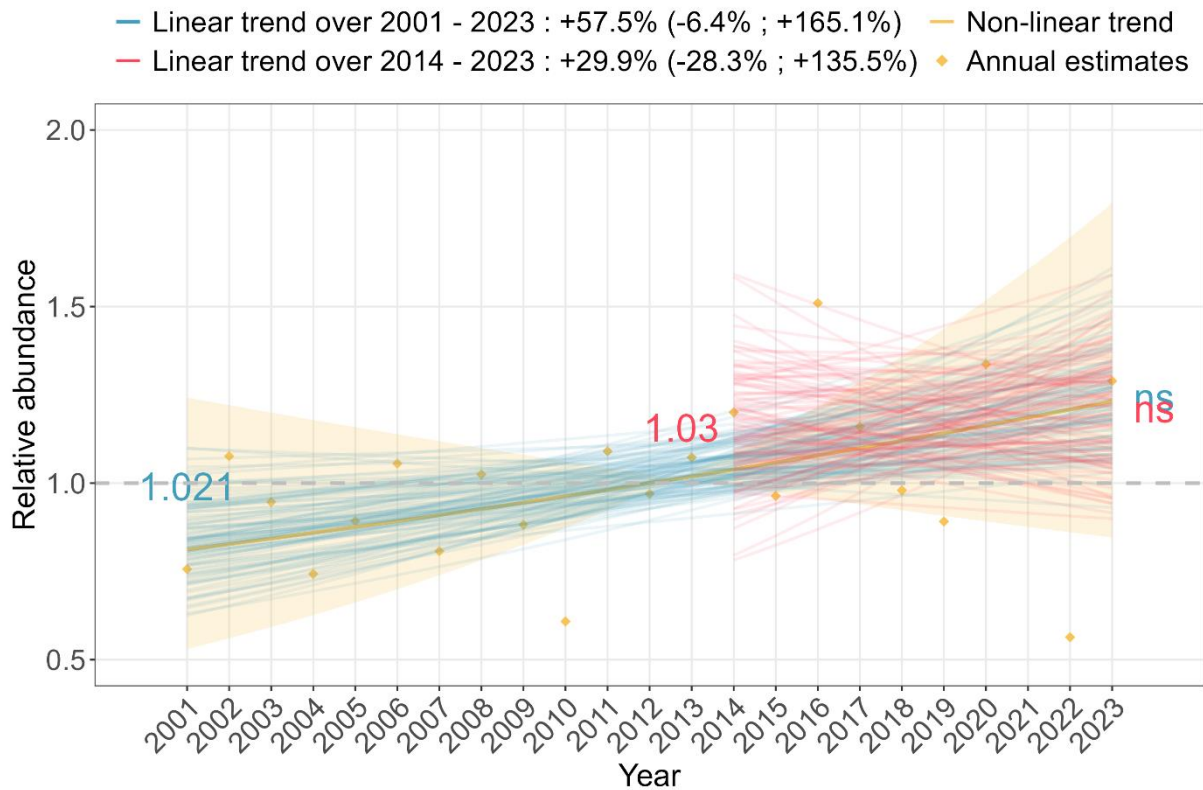
## Lesser Spotted Woodpecker (*Dendrocopos minor*)



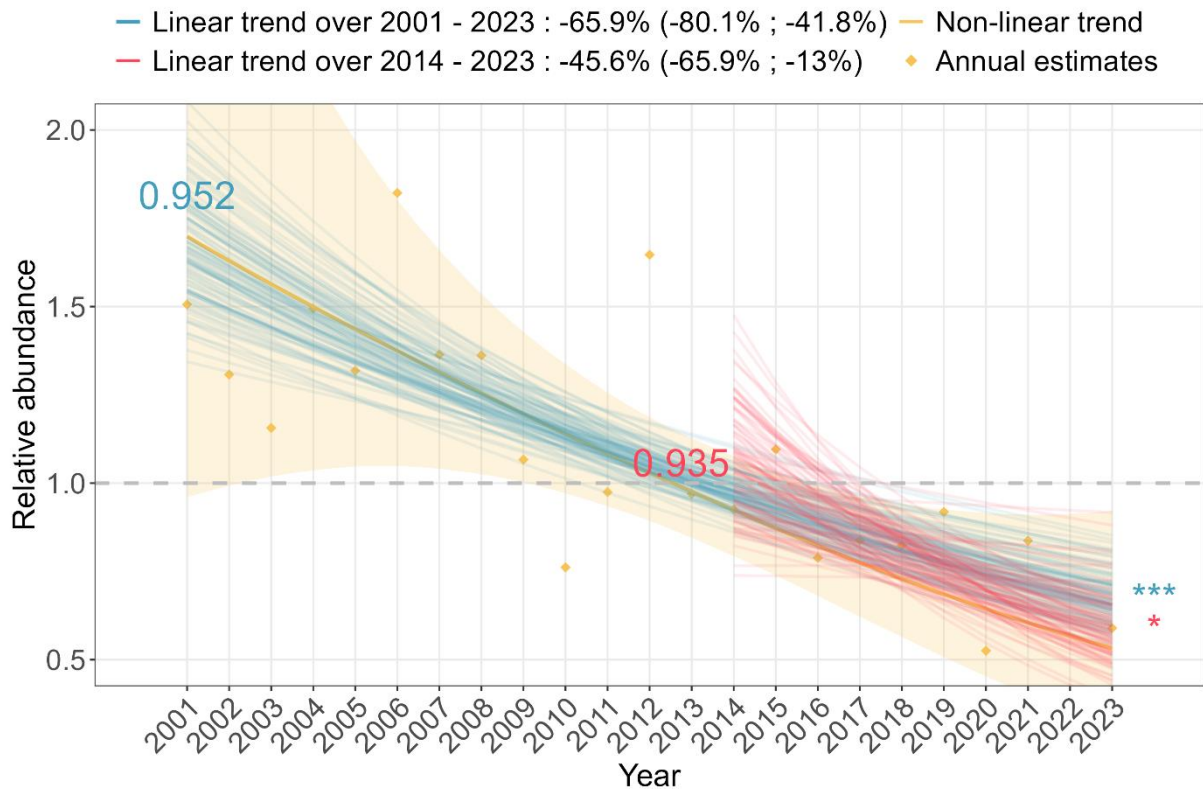
## Black Woodpecker (*Dryocopus martius*)



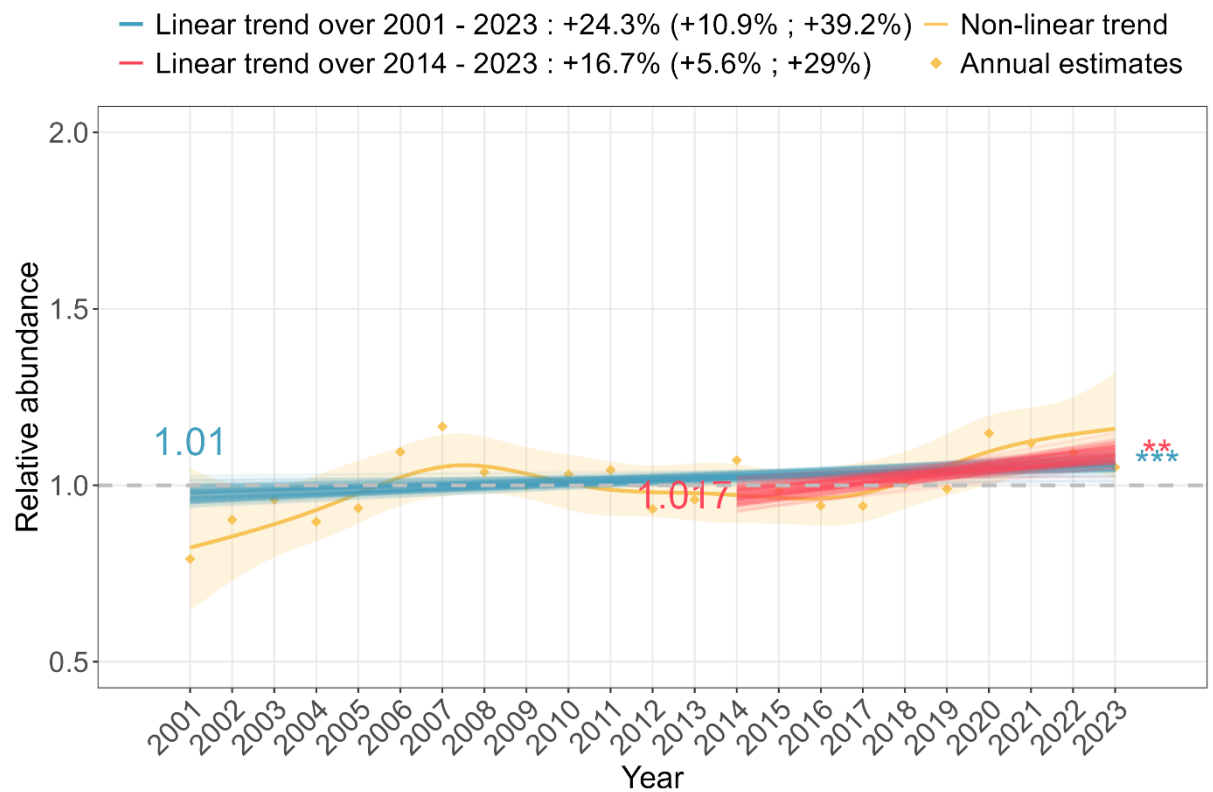
## Little Egret (*Egretta garzetta*)



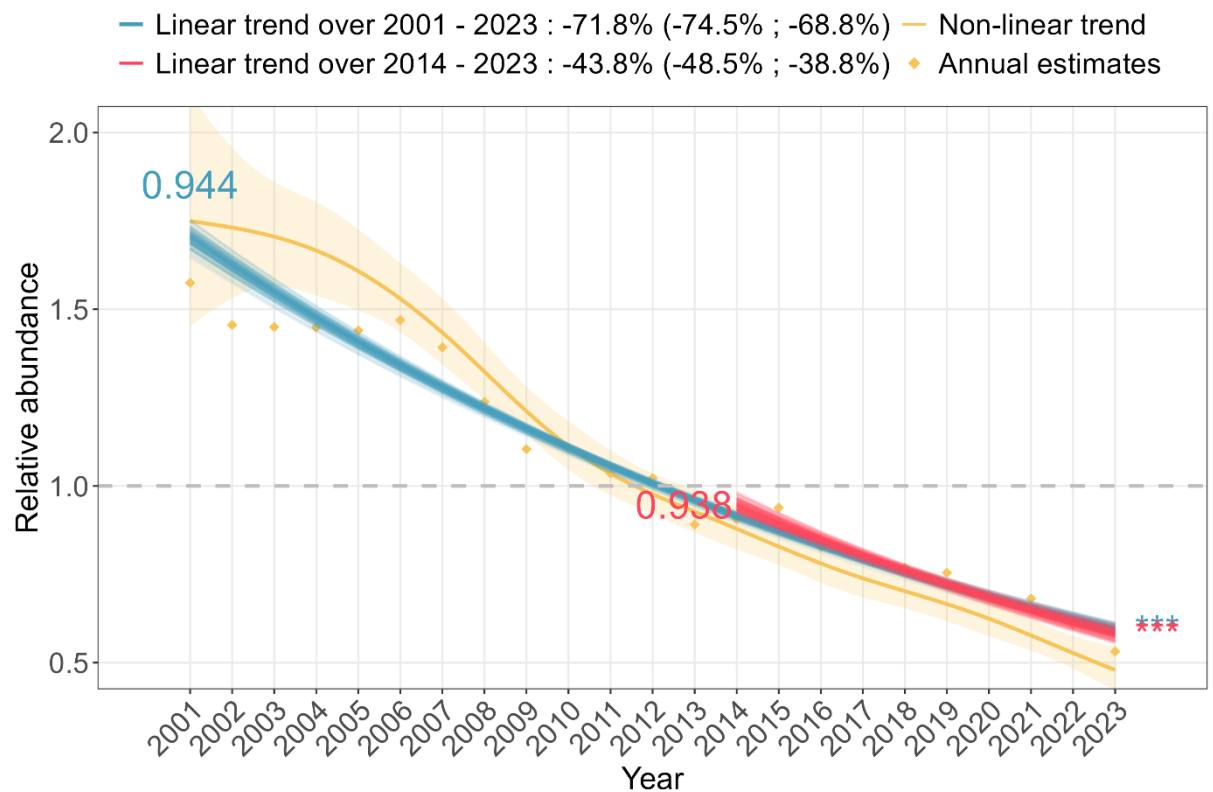
## Rock Bunting (*Emberiza cia*)



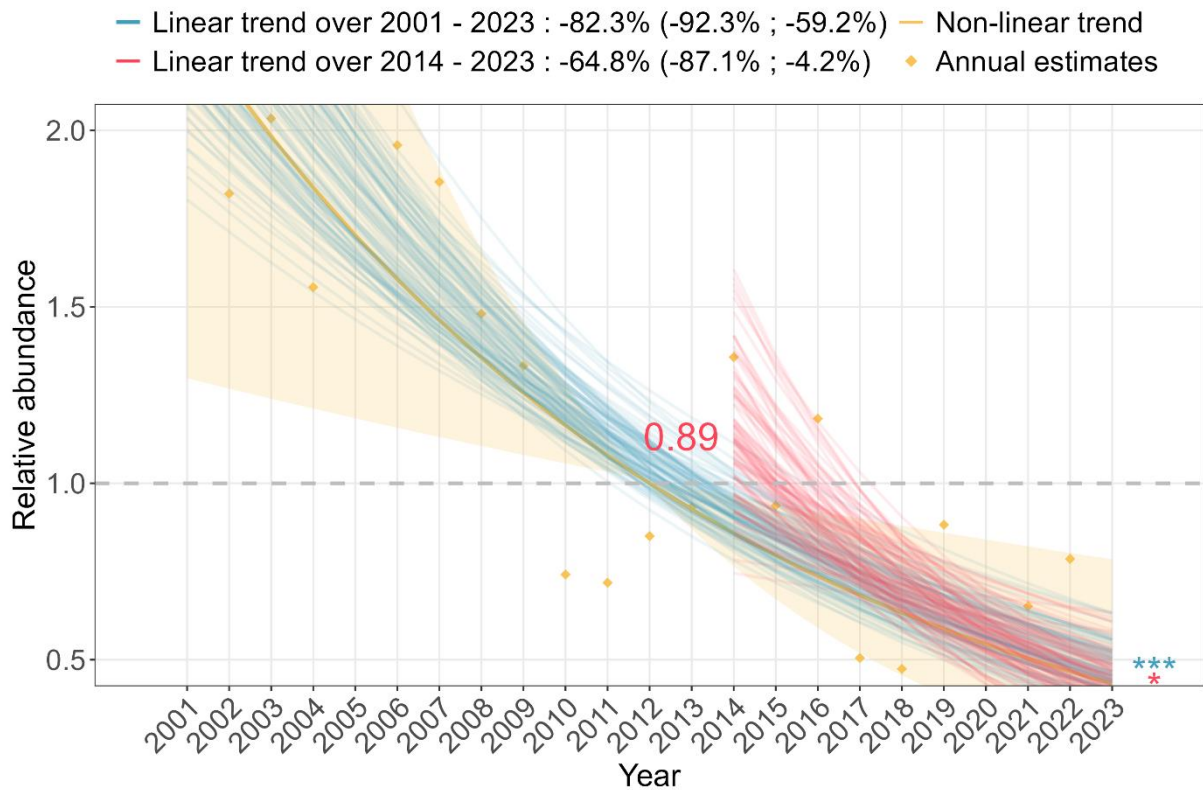
## Cirl Bunting (*Emberiza cirlus*)



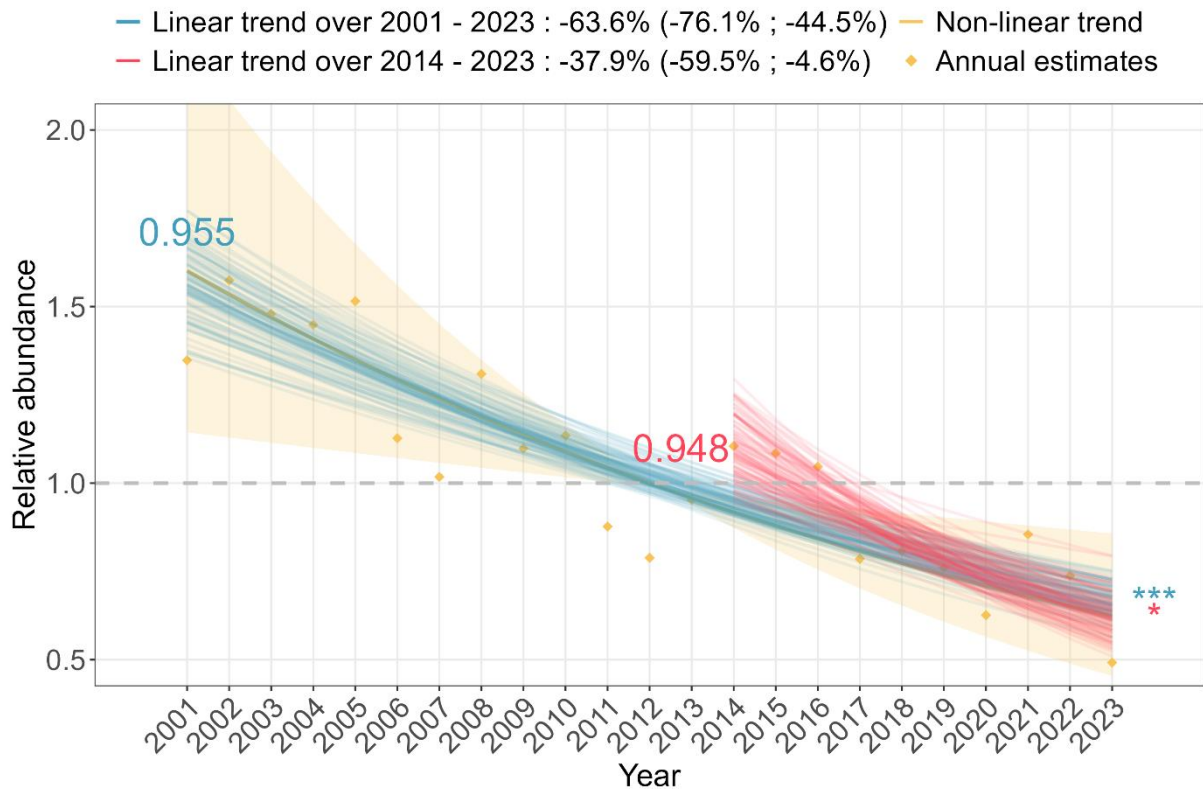
## Yellowhammer (*Emberiza citrinella*)



## Ortolan Bunting (*Emberiza hortulana*)

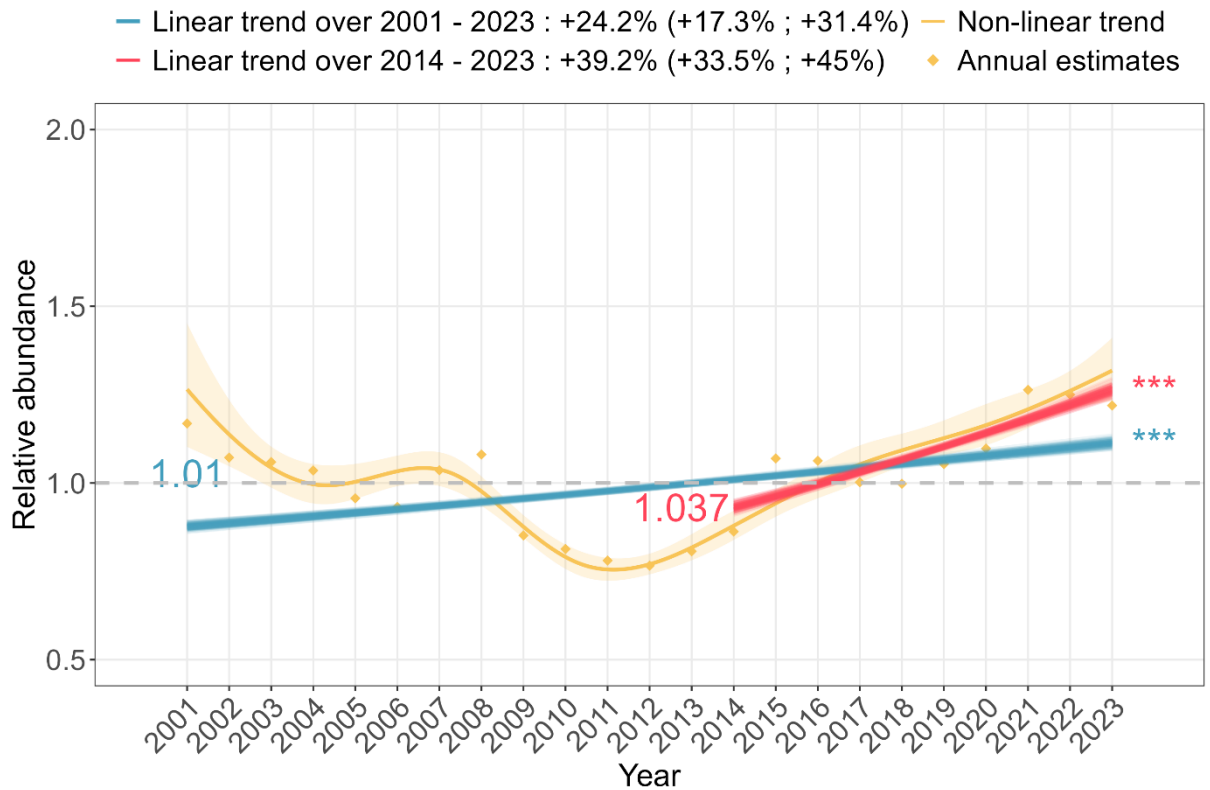


## Reed Bunting (*Emberiza schoeniclus*)

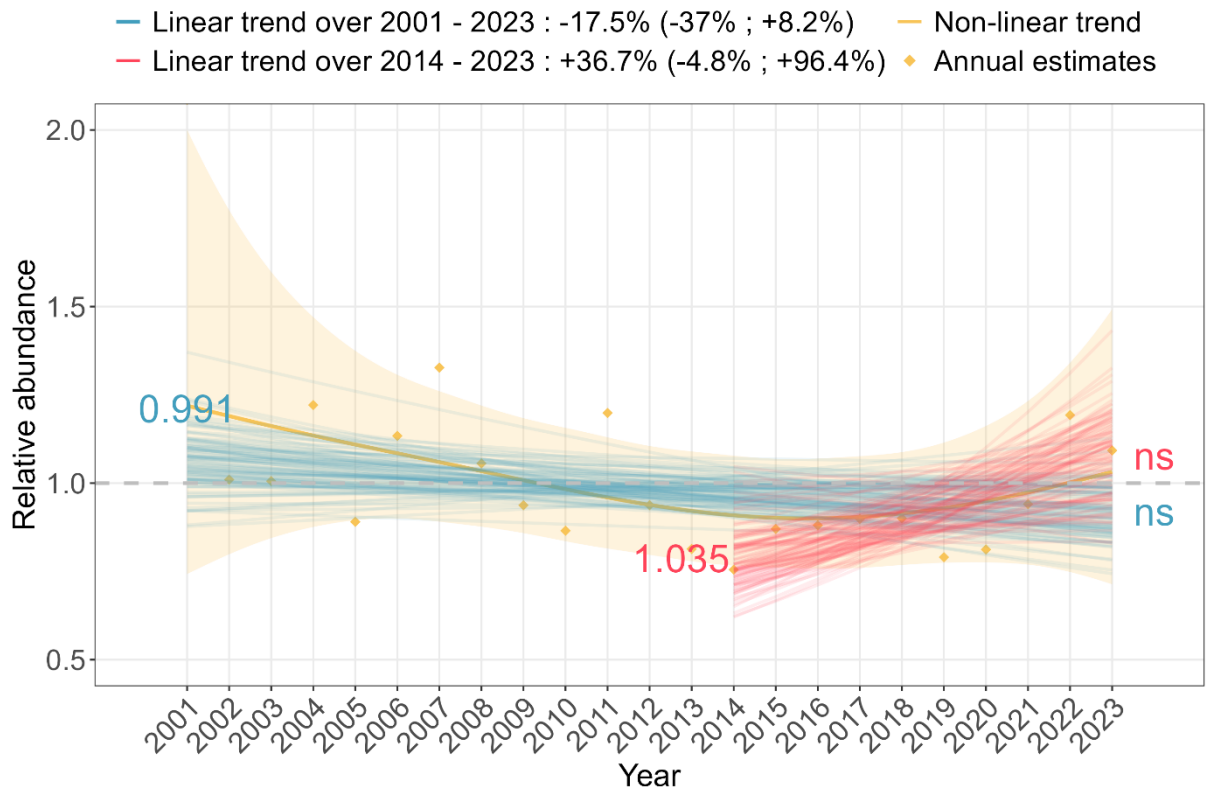




## European Robin (*Erithacus rubecula*)

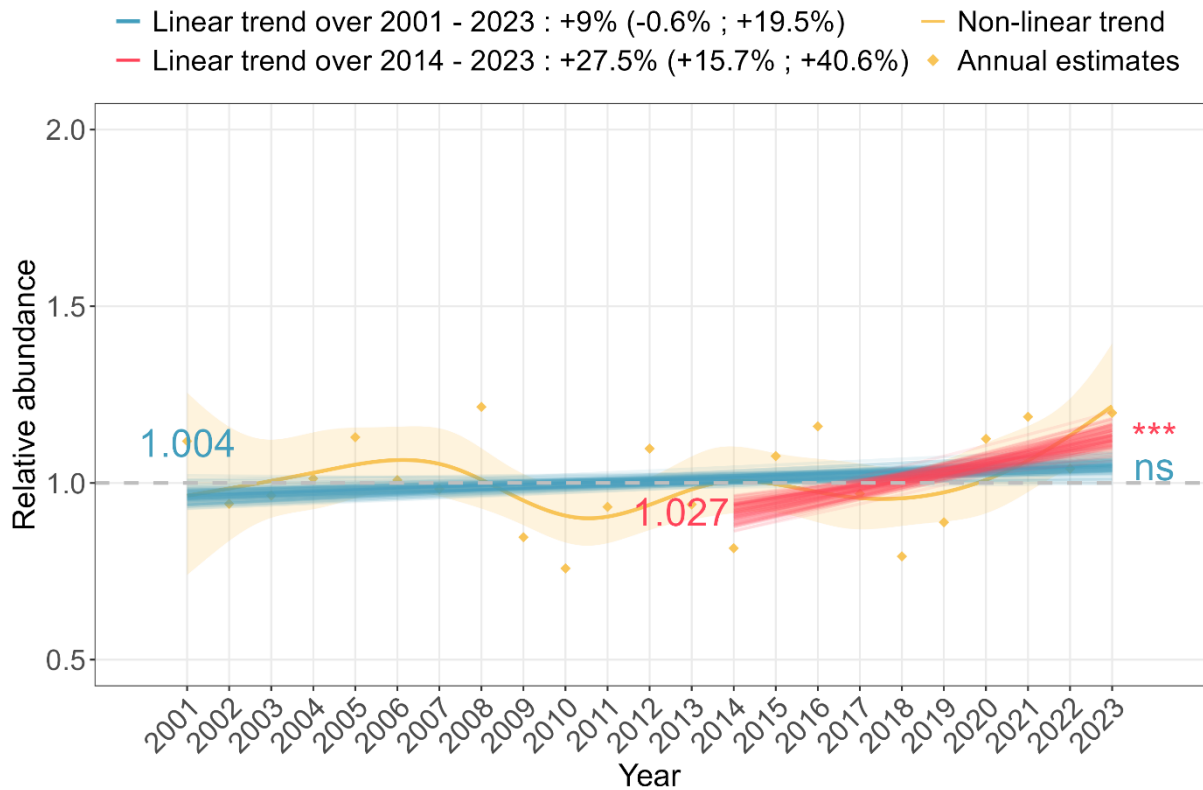


## Eurasian Hobby (*Falco subbuteo*)

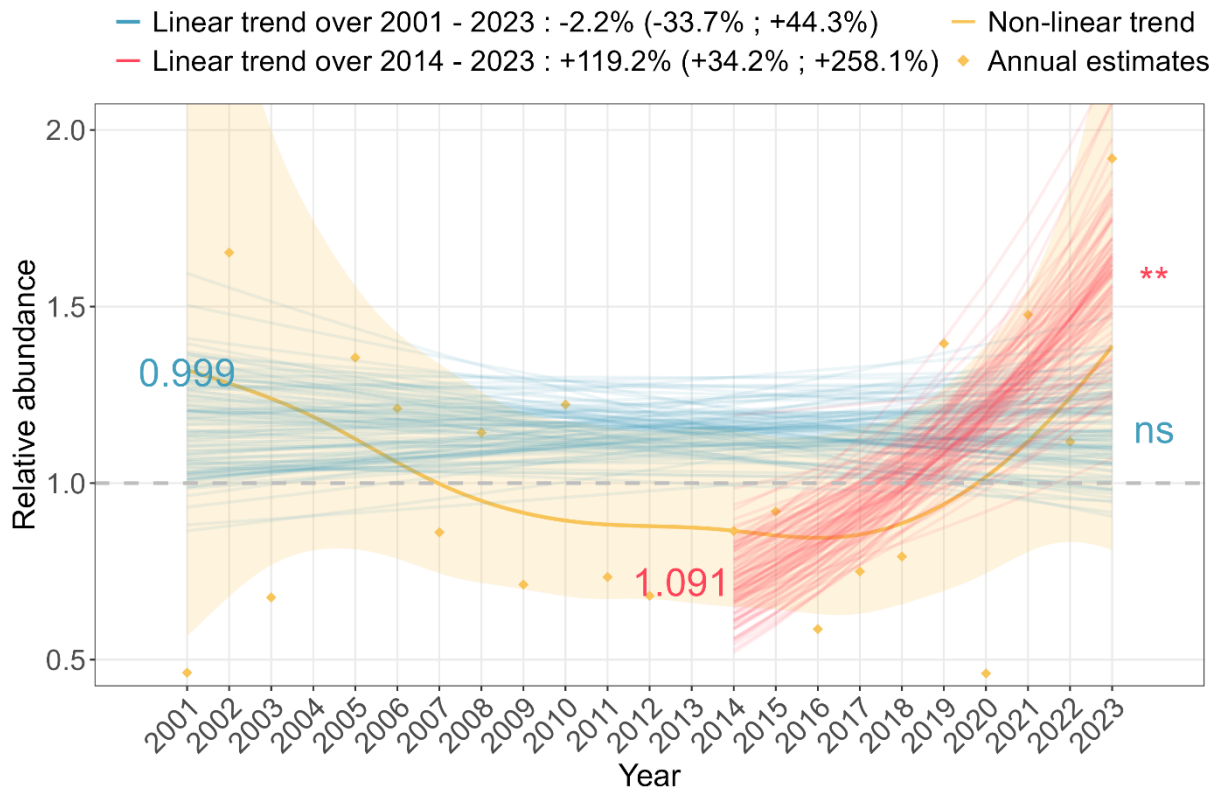




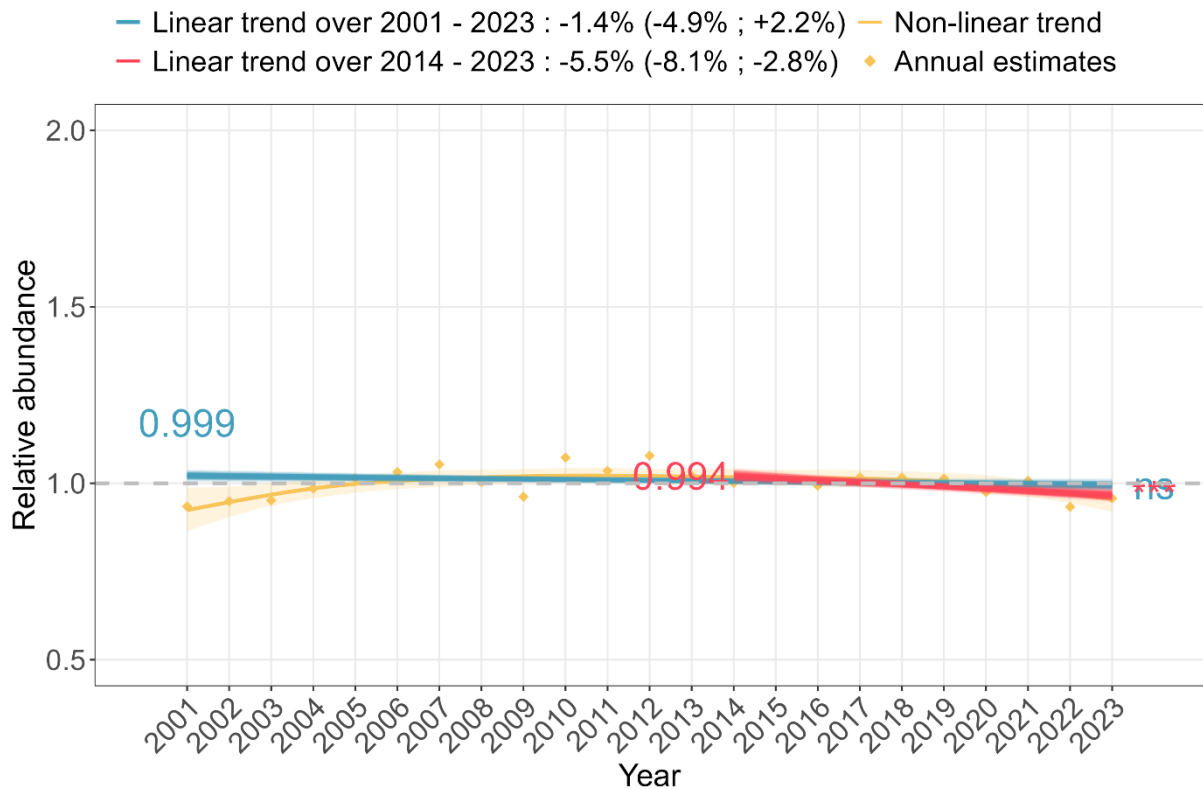
## Eurasian Kestrel (*Falco tinnunculus*)



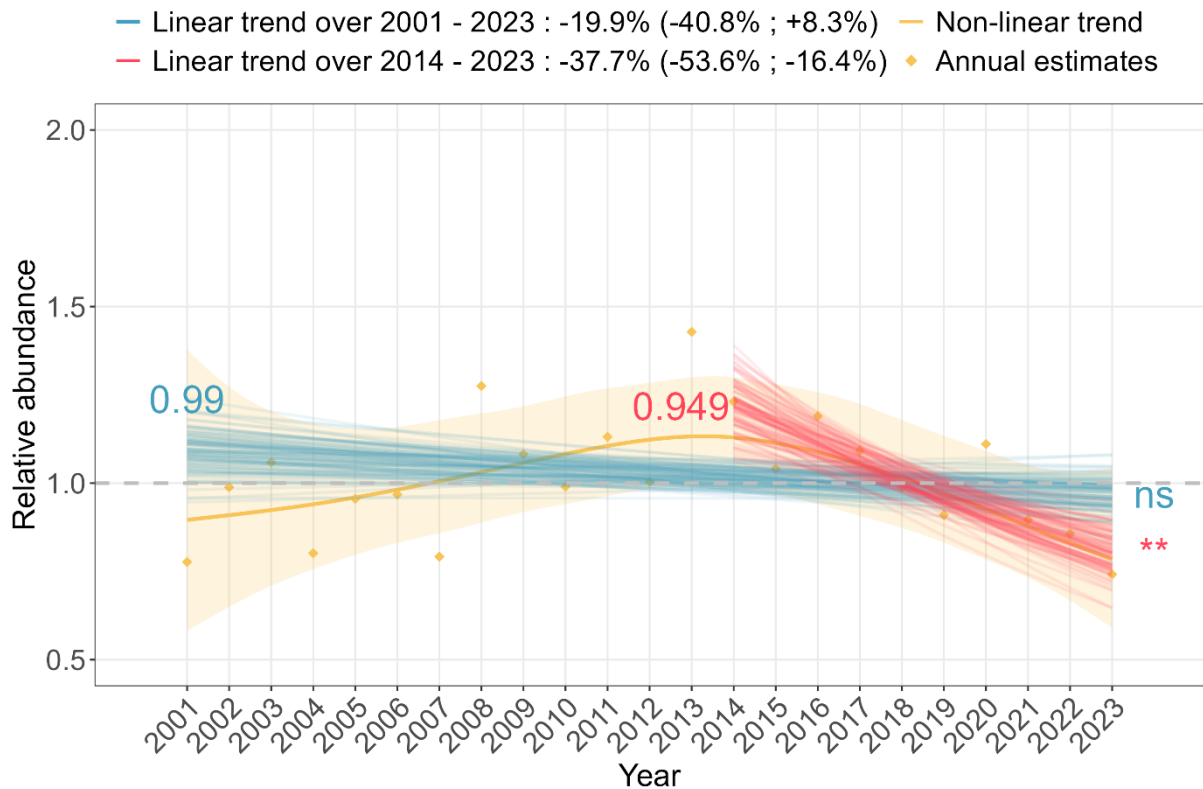
## European Pied Flycatcher (*Ficedula hypoleuca*)



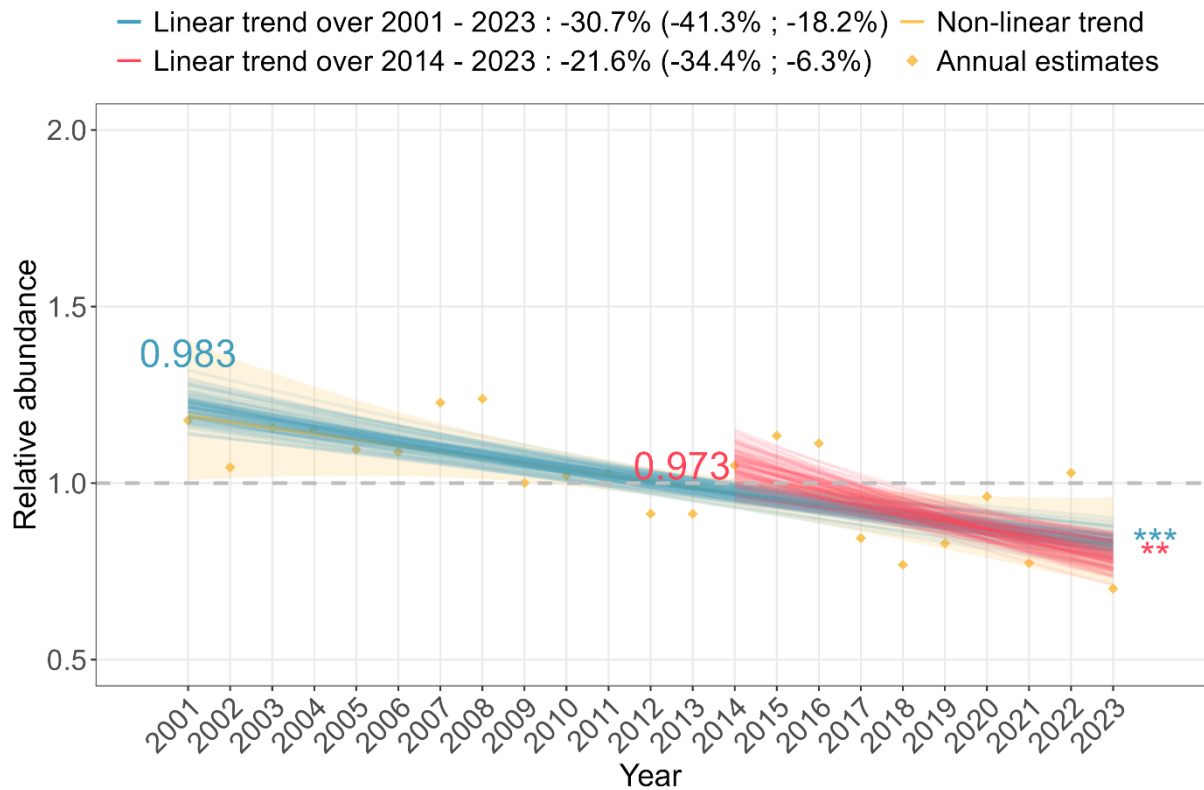
## Common Chaffinch (*Fringilla coelebs*)



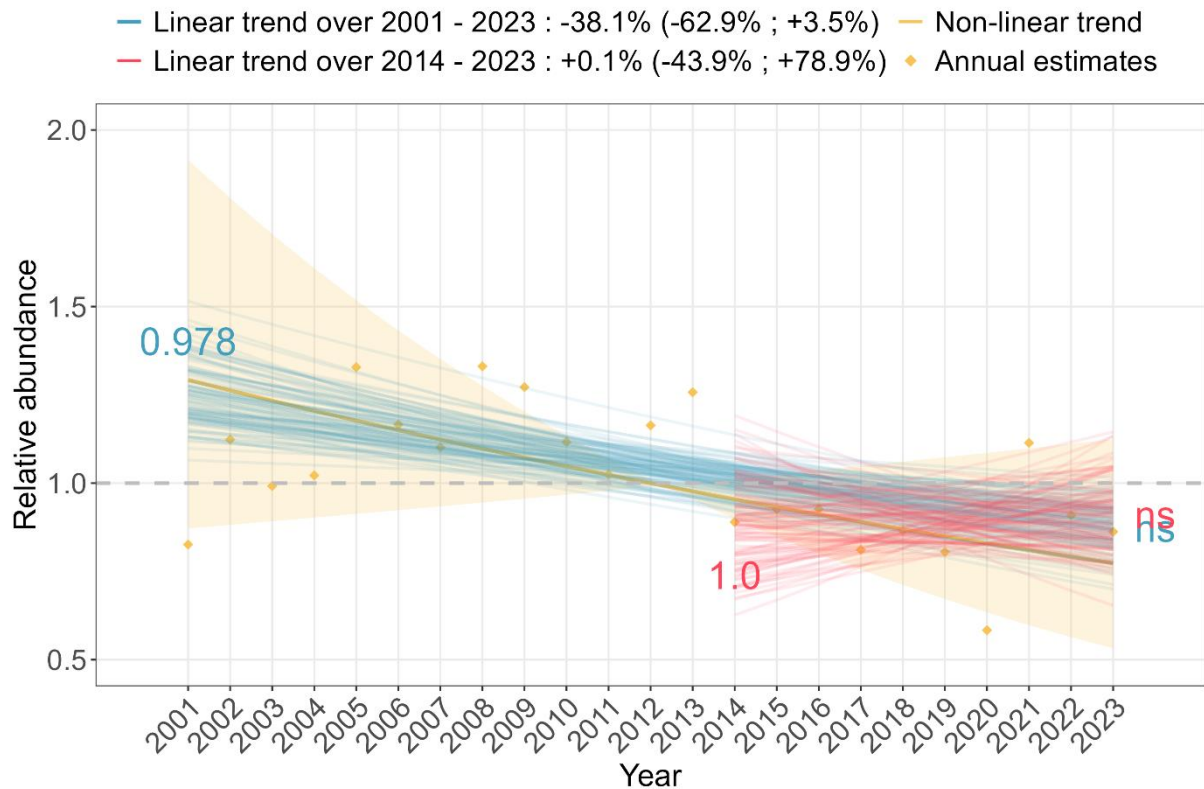
## Eurasian Coot (*Fulica atra*)



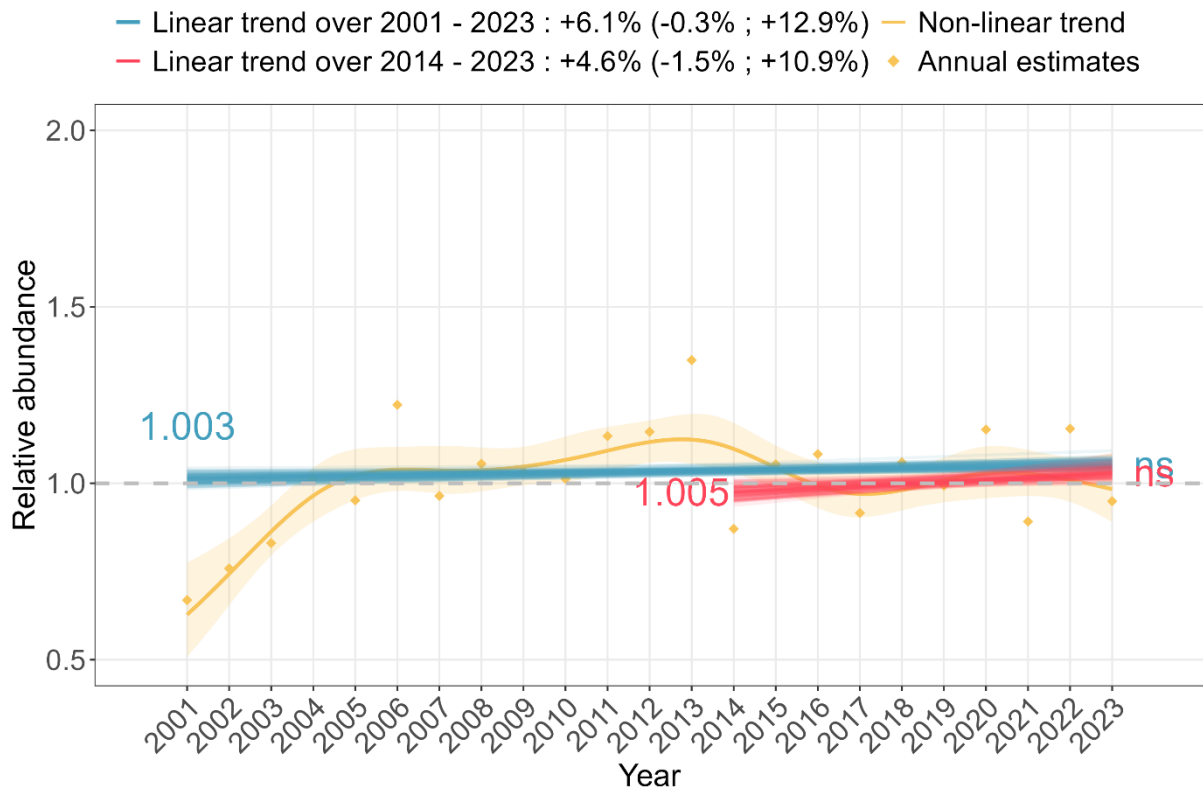
## Eurasian Moorhen (*Gallinula chloropus*)



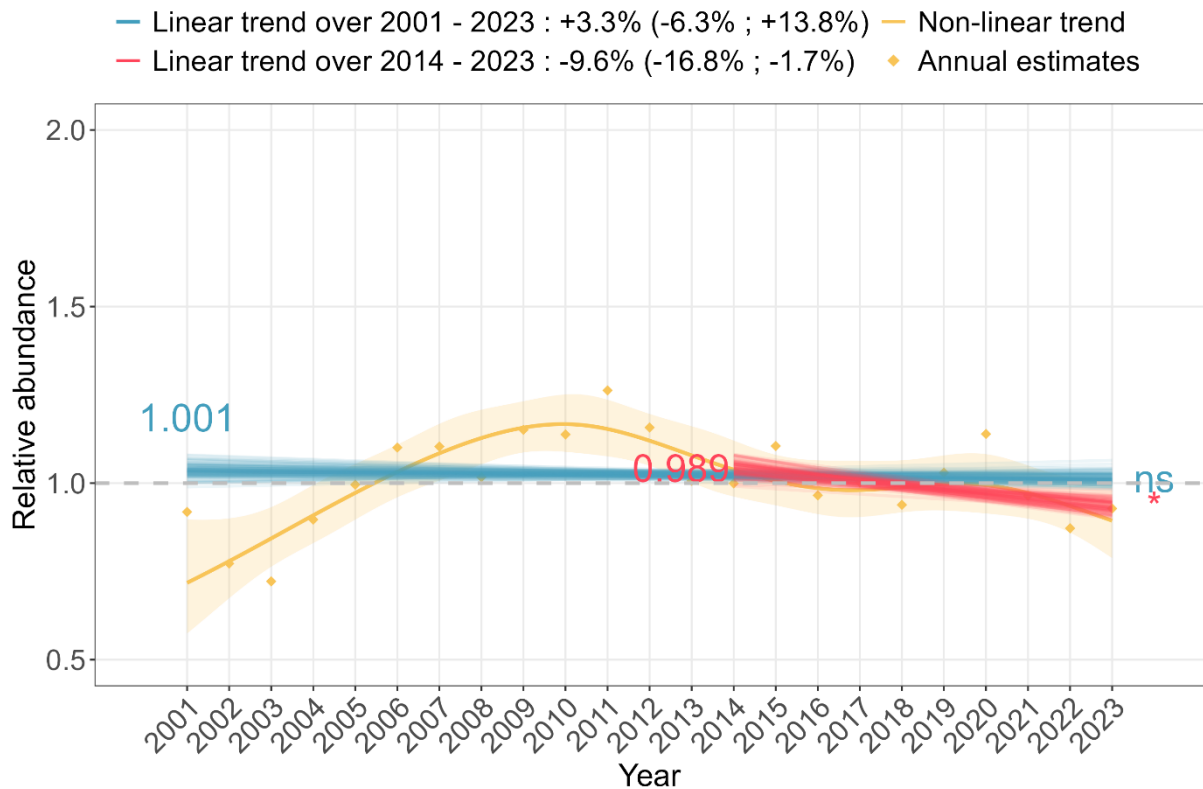
## Crested Lark (*Galerida cristata*)



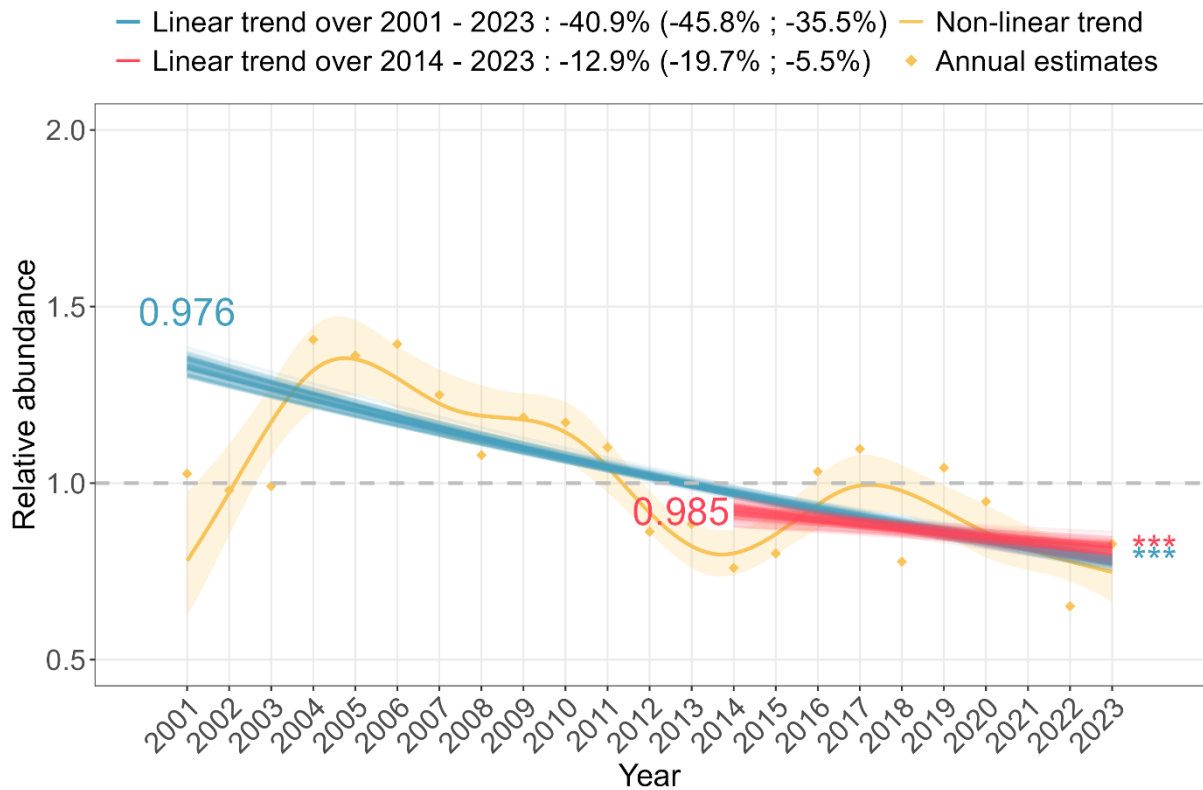
## Eurasian Jay (*Garrulus glandarius*)



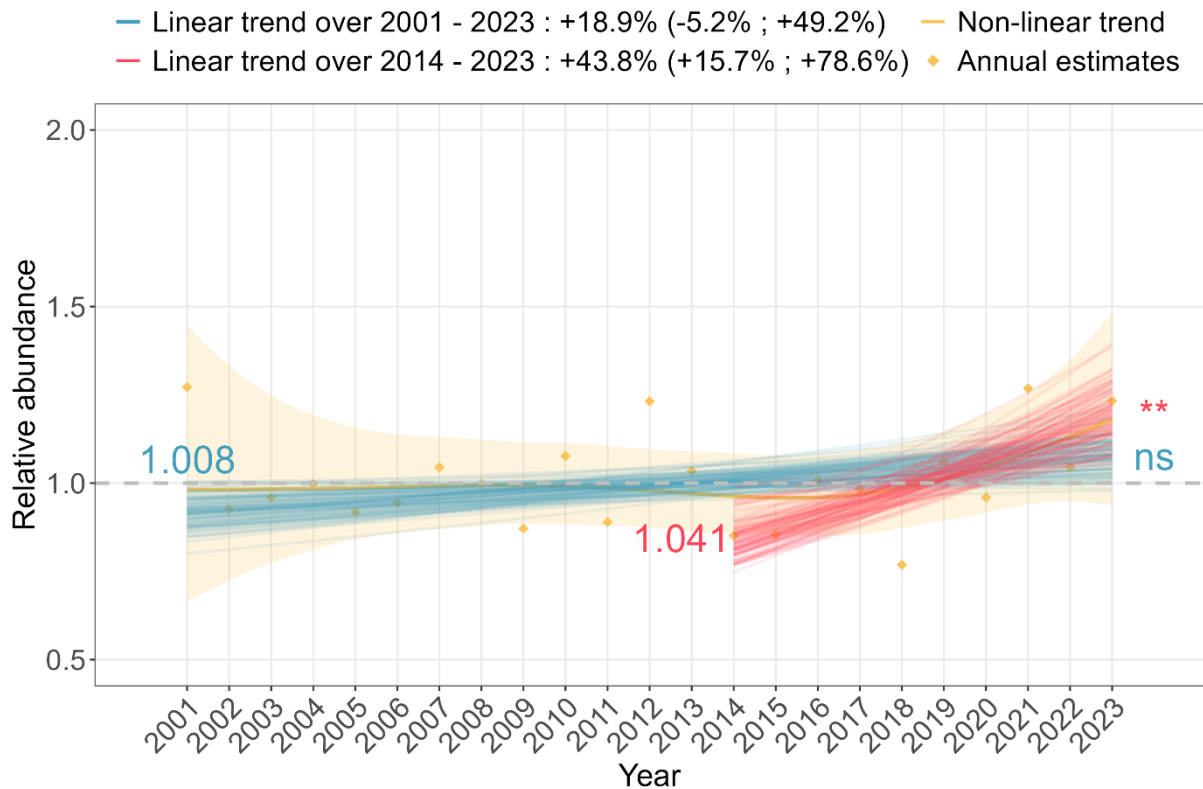
## Melodious Warbler (*Hippolais polyglotta*)



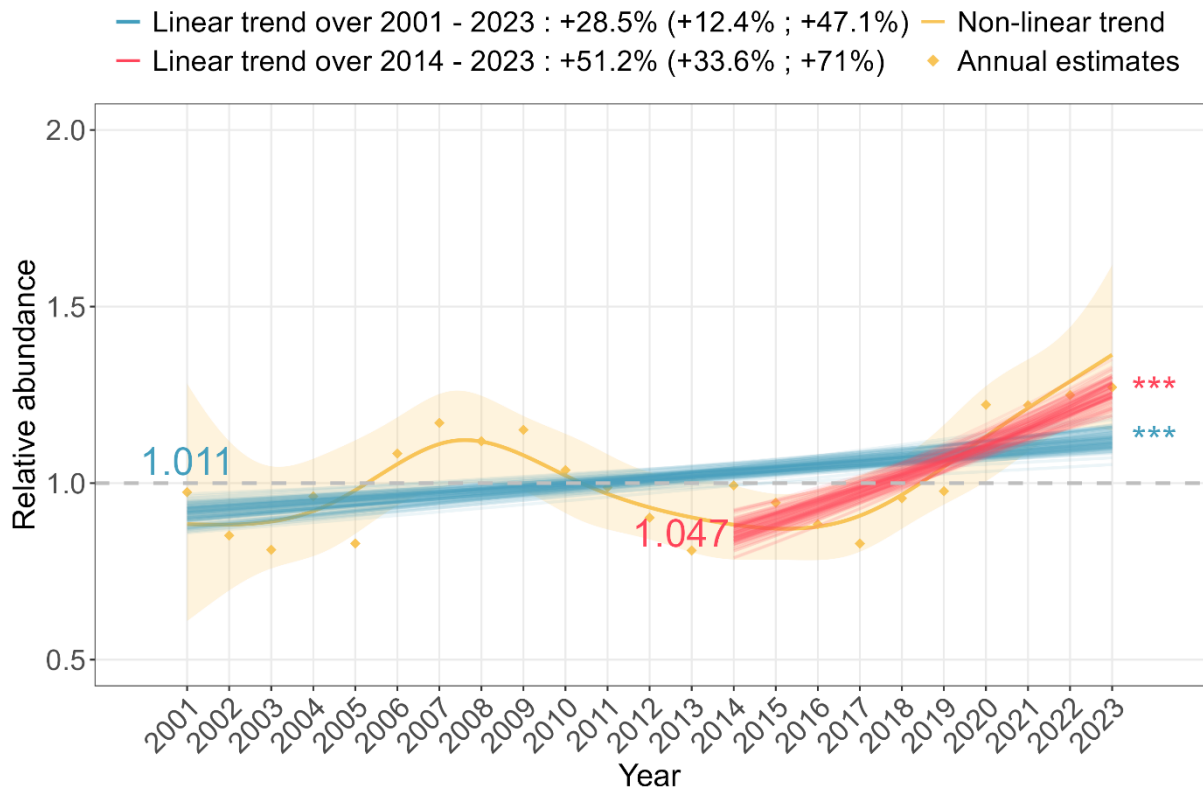
## Barn Swallow (*Hirundo rustica*)



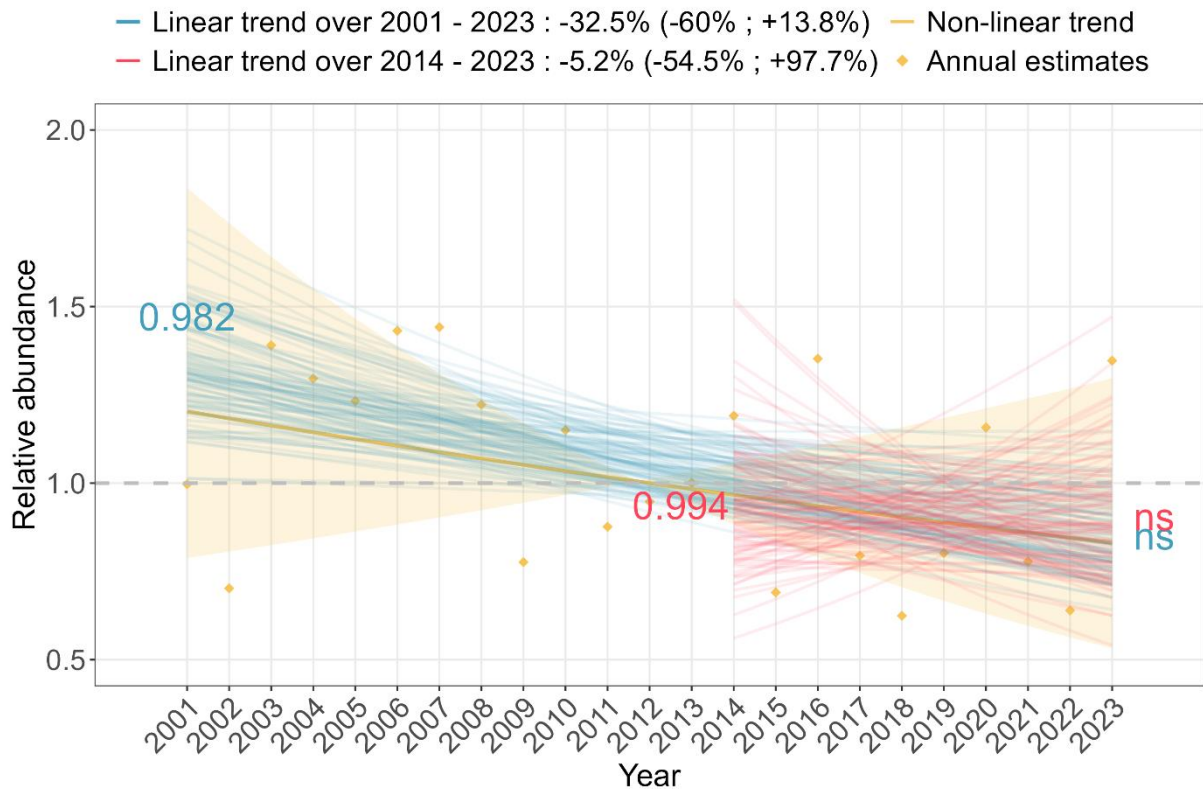
## Eurasian Wryneck (*Jynx torquilla*)



## Red-backed Shrike (*Lanius collurio*)

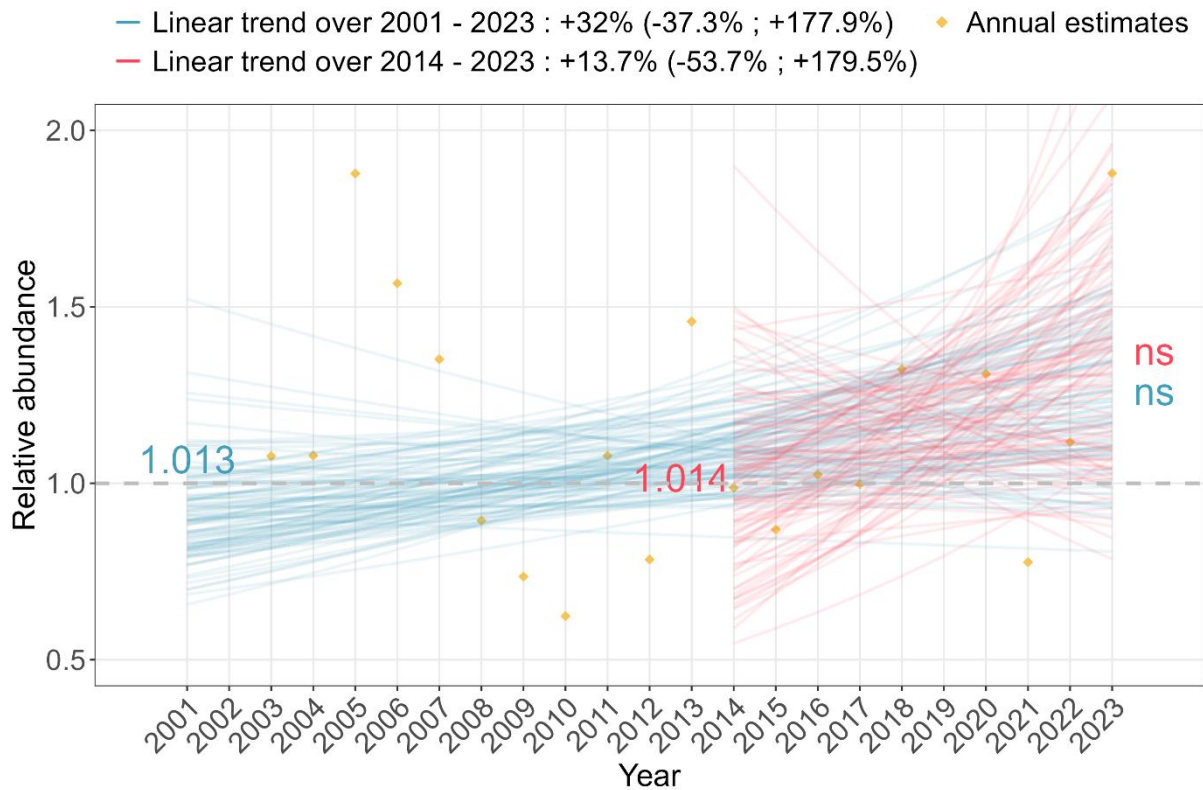


## Woodchat Shrike (*Lanius senator*)

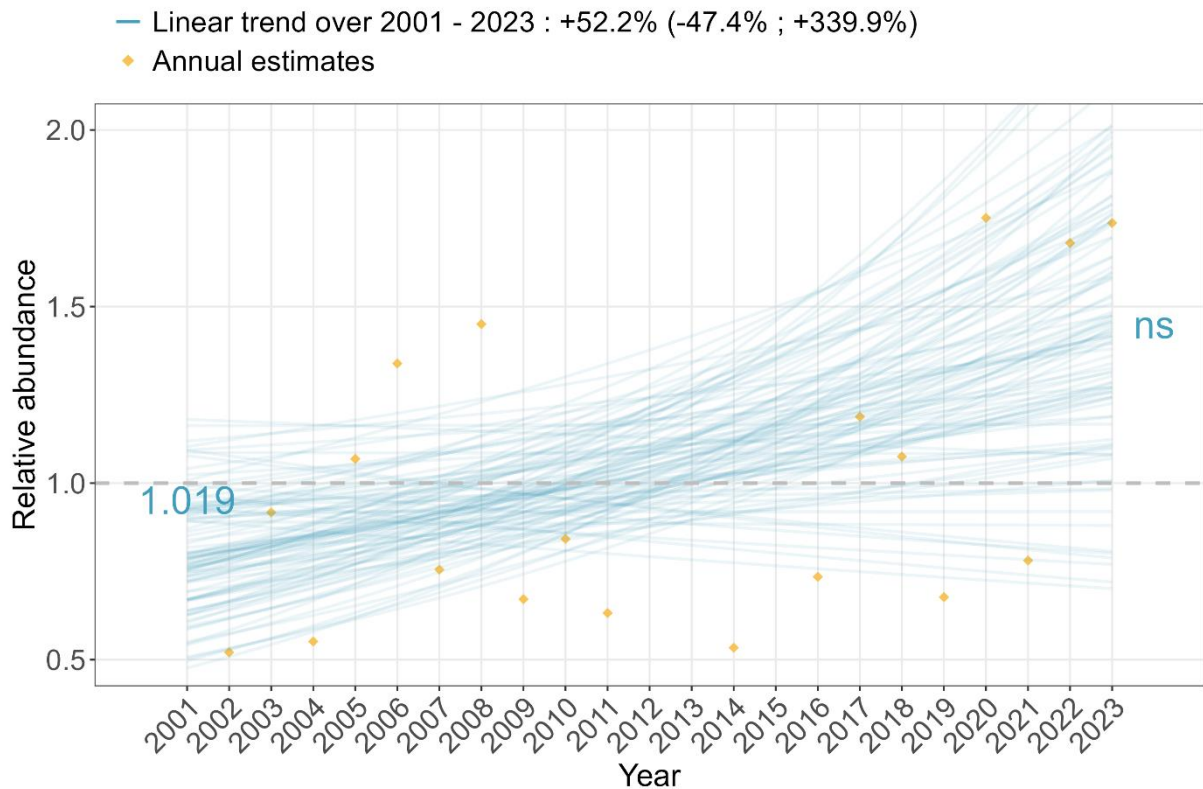




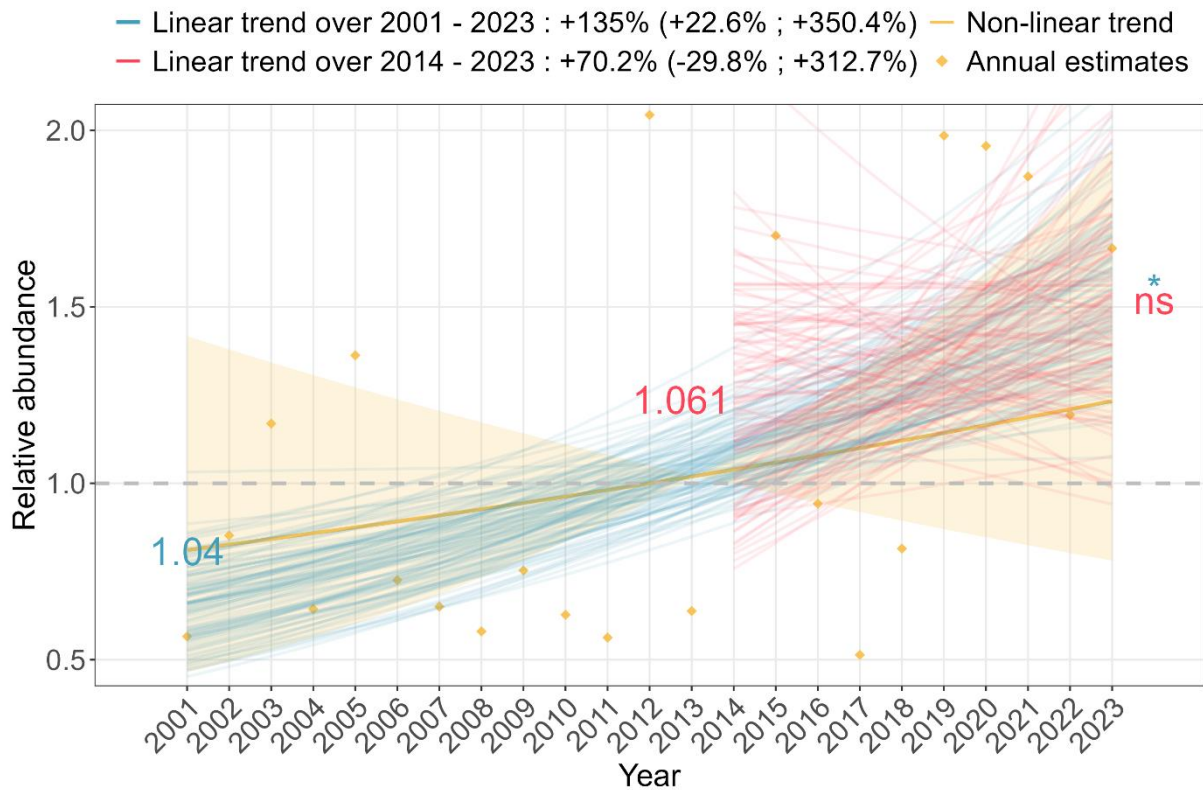
## European Herring Gull (*Larus argentatus*)



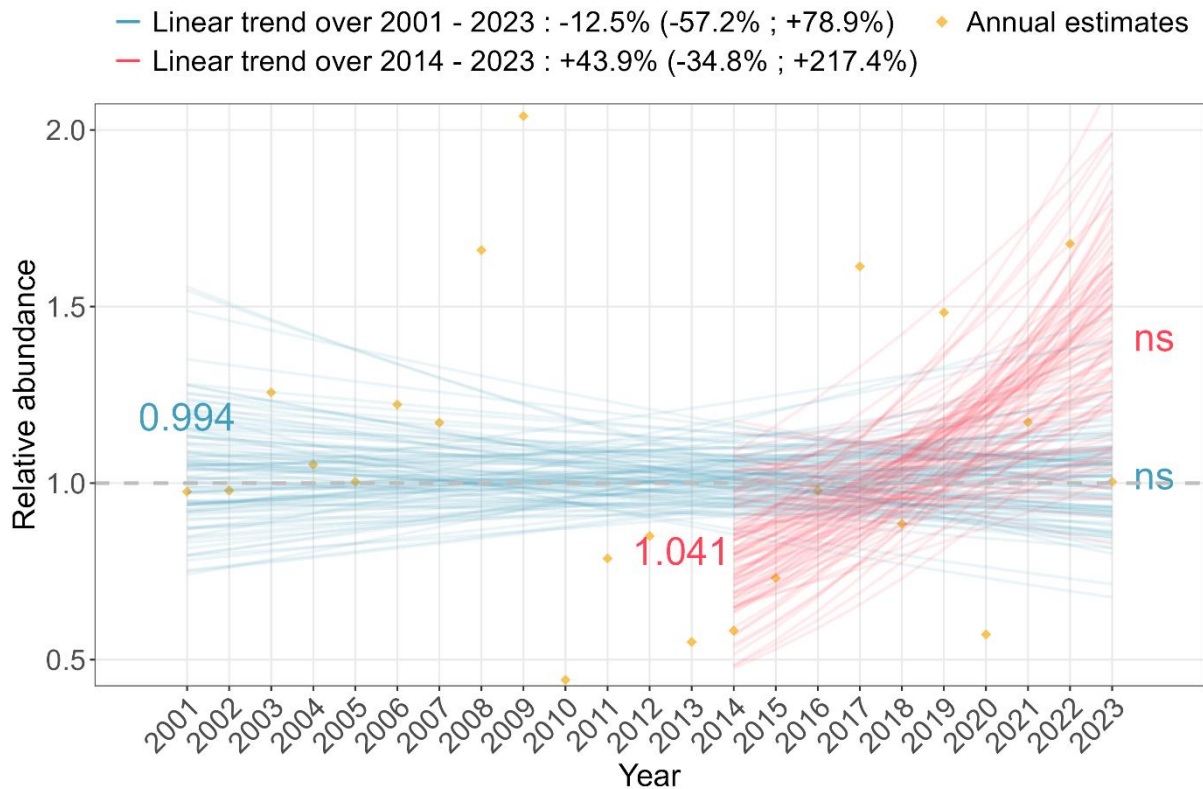
## Lesser Black-backed Gull (*Larus fuscus*)



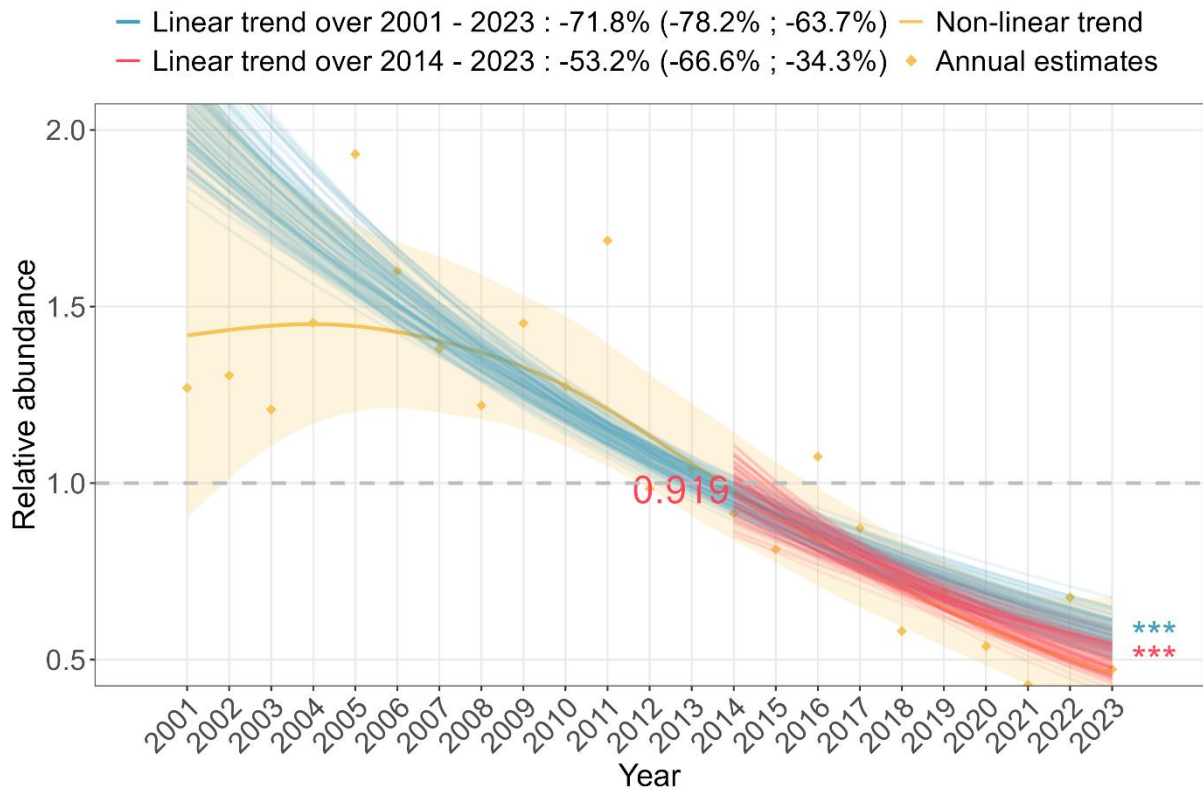
## Yellow-legged Gull (*Larus michahellis*)



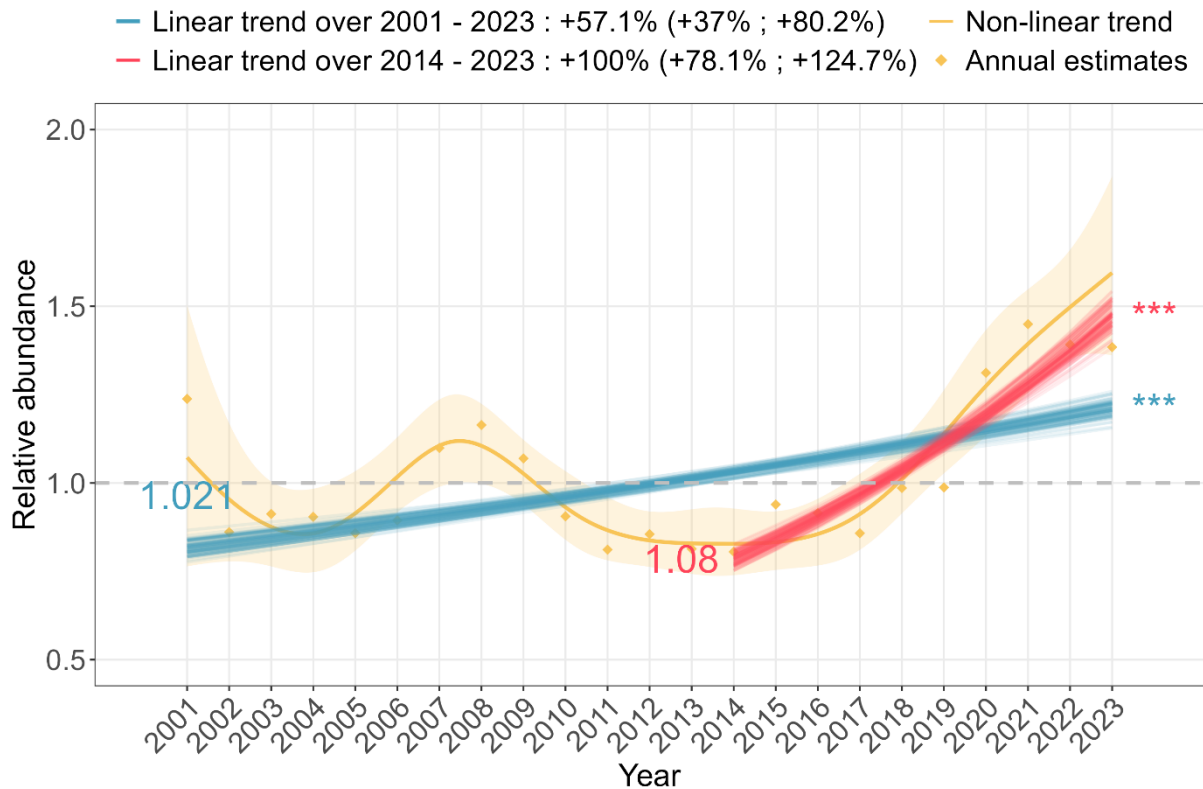
## Black-headed Gull (*Chroicocephalus ridibundus*)



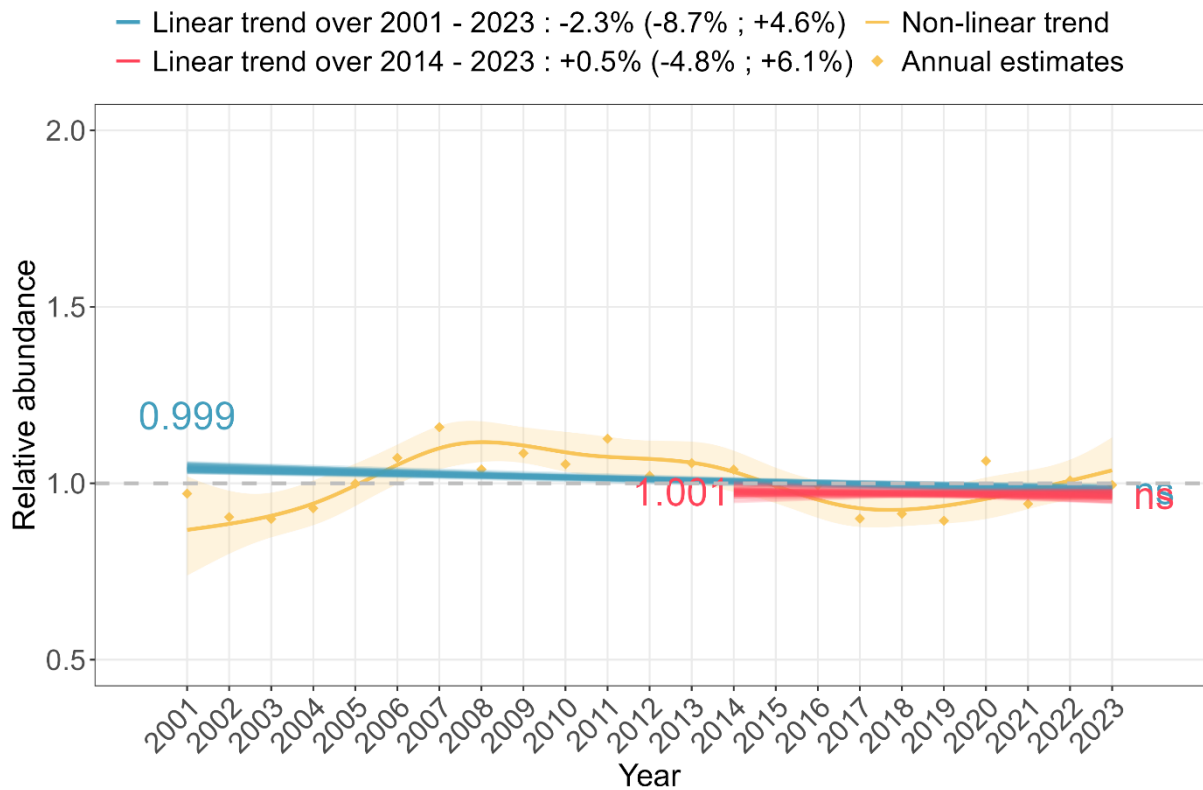
## Common Grasshopper-Warbler (*Locustella naevia*)



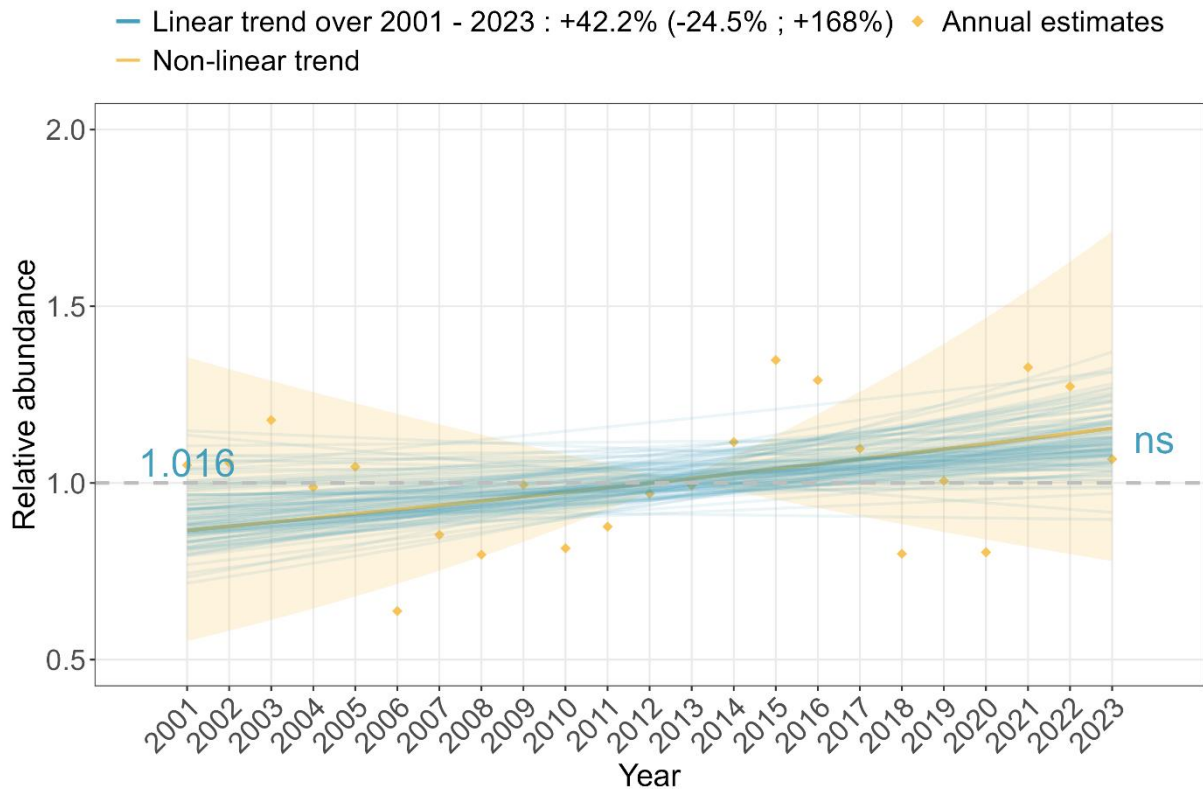
## Wood Lark (*Lullula arborea*)



## Common Nightingale (*Luscinia megarhynchos*)

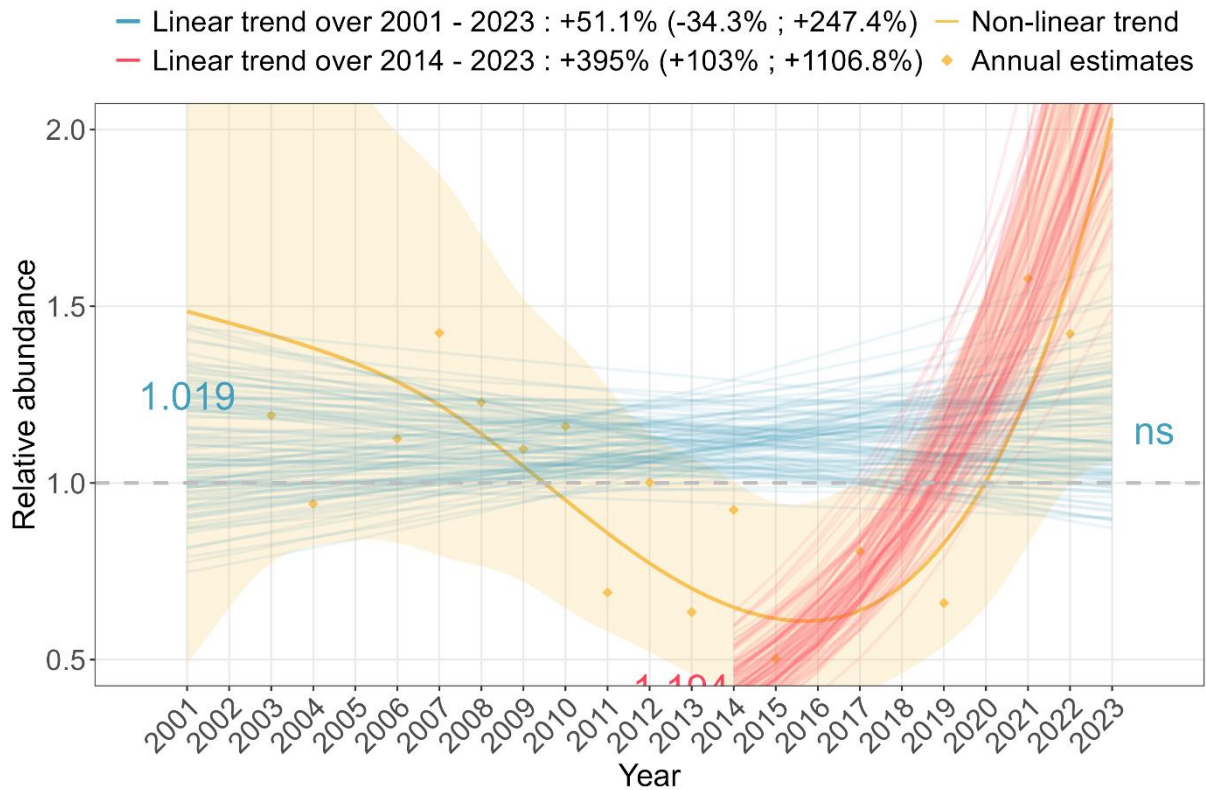


## Bluethroat (*Luscinia svecica*)

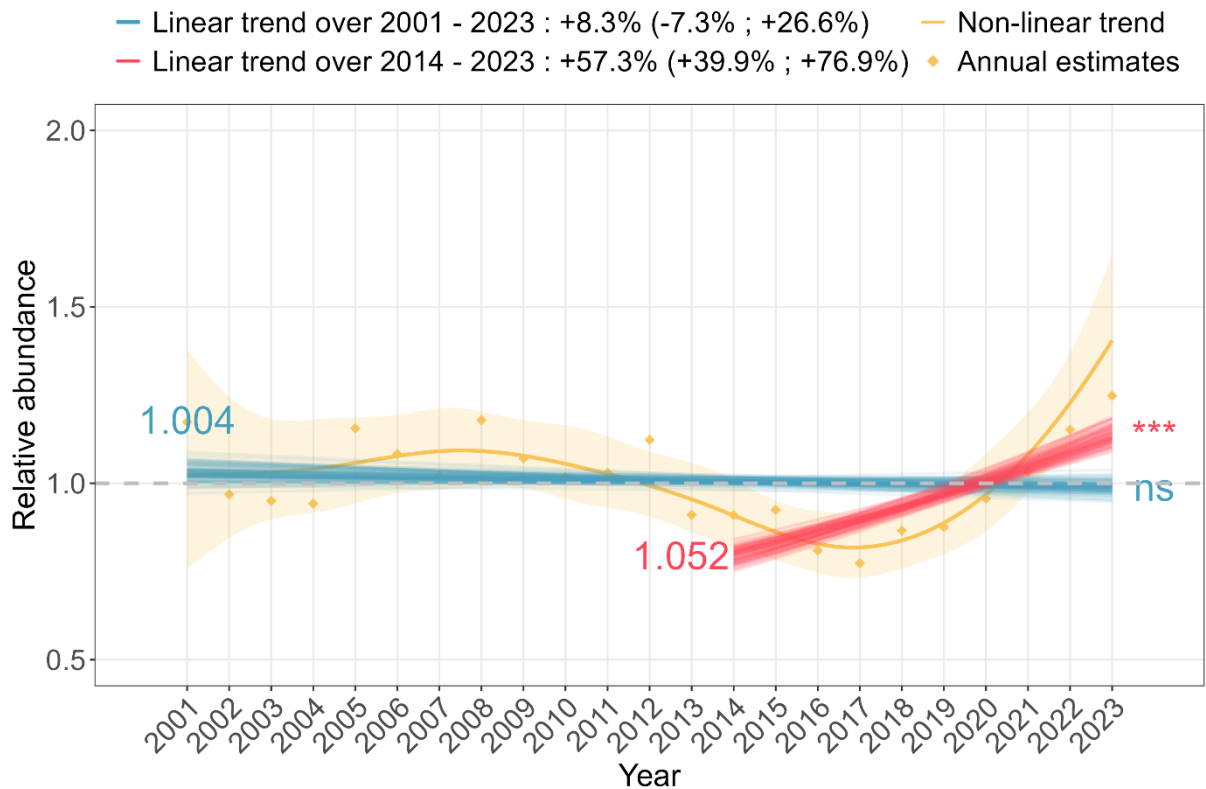




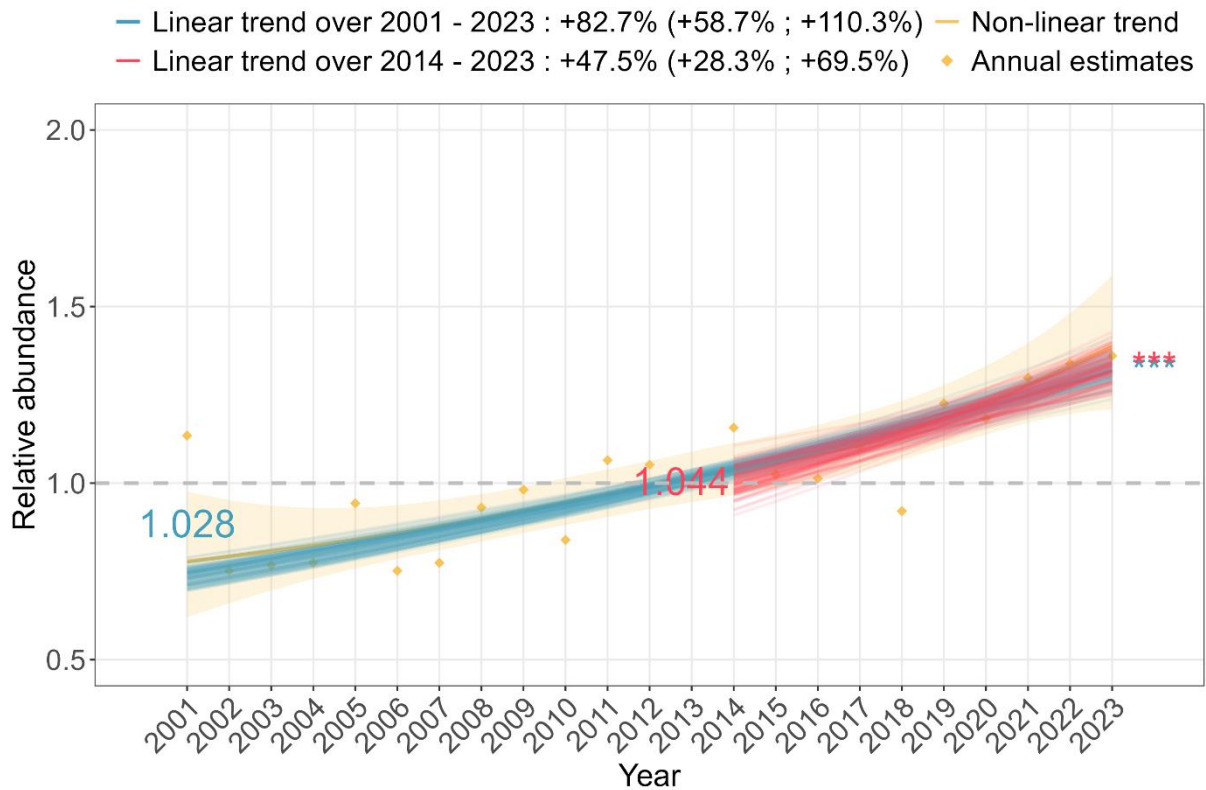
## European Bee-eater (*Merops apiaster*)



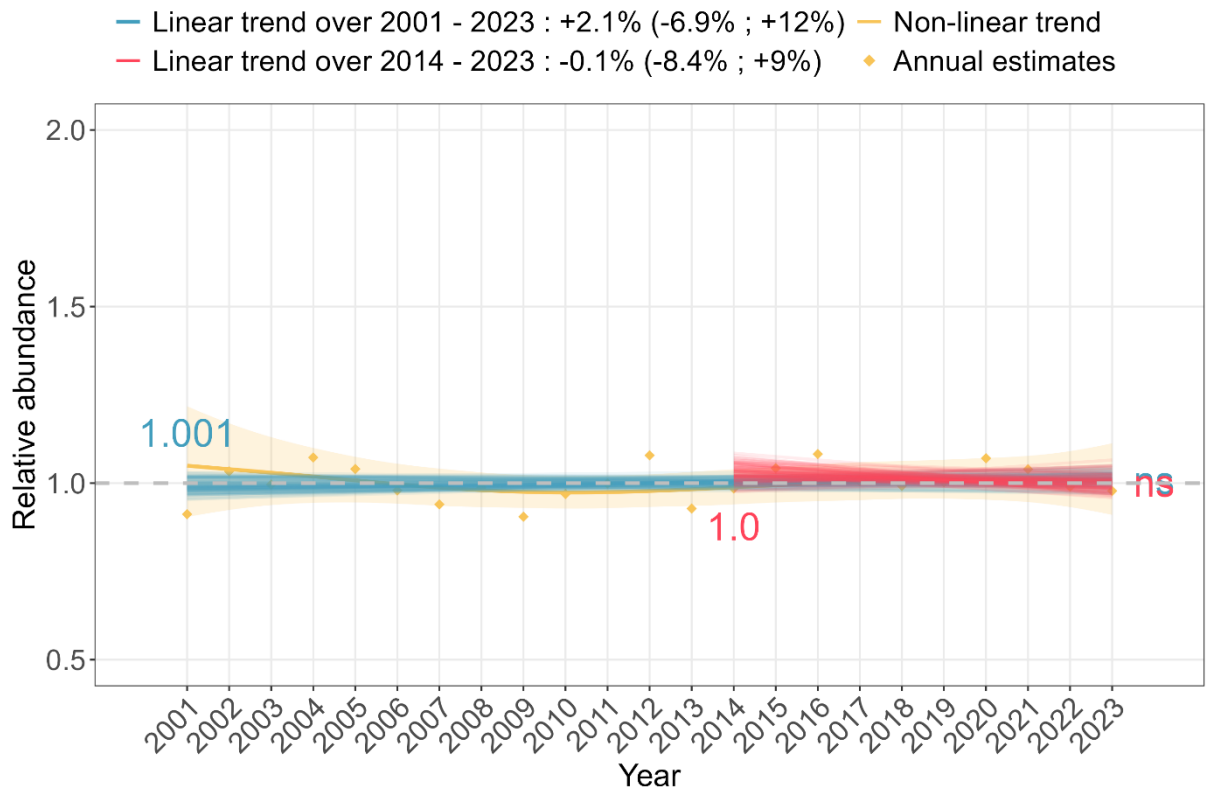
## Corn Bunting (*Emberiza calandra*)



## Black Kite (*Milvus migrans*)

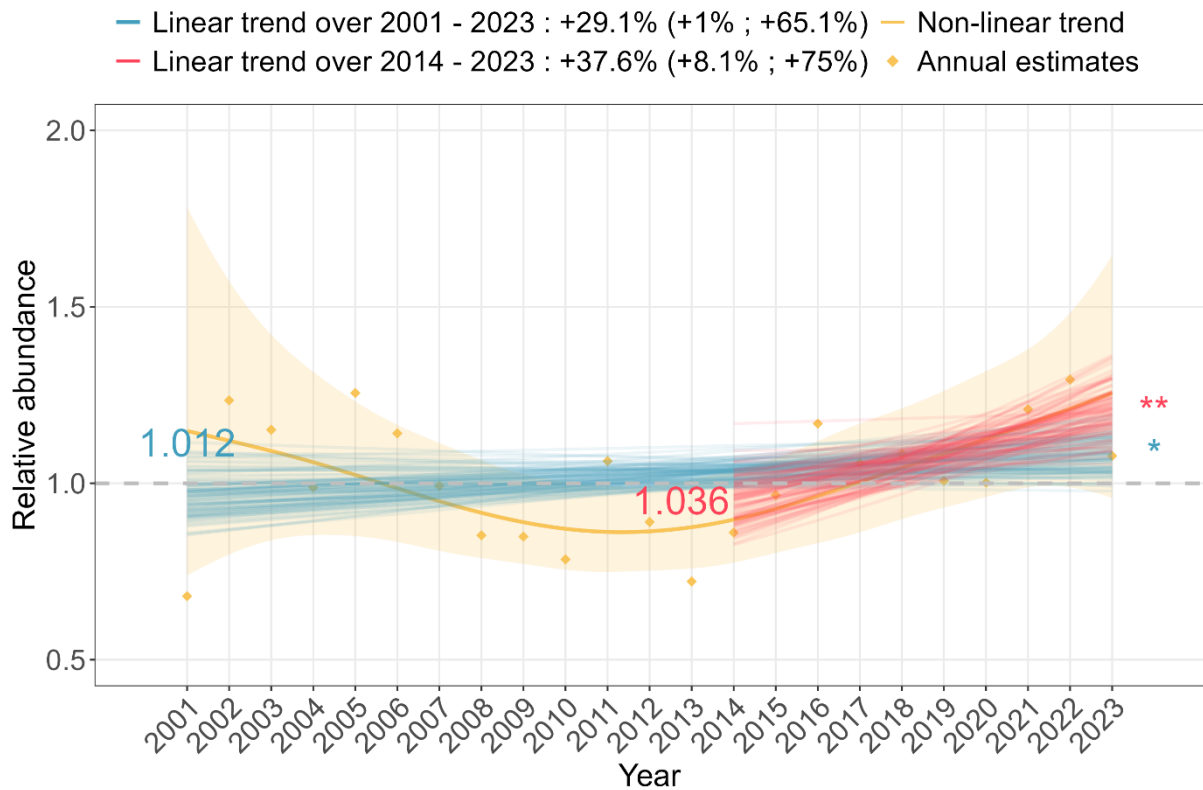


## White Wagtail (*Motacilla alba*)

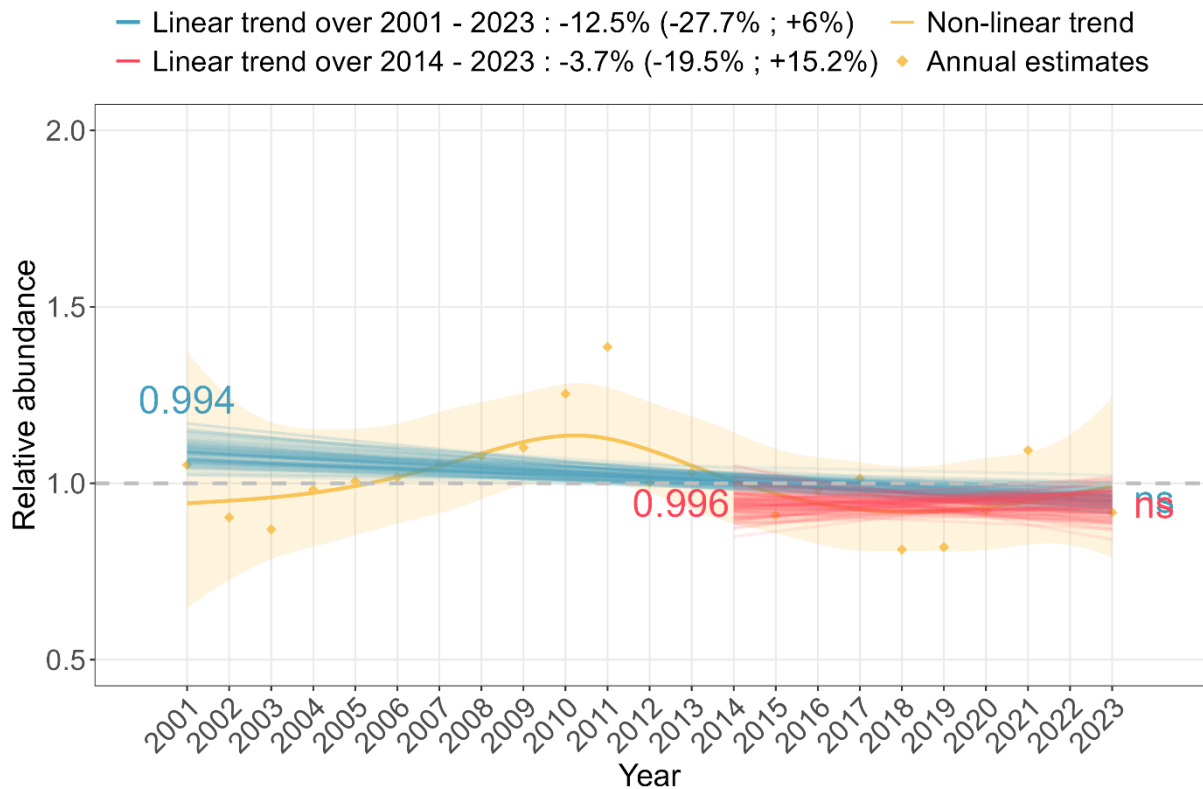




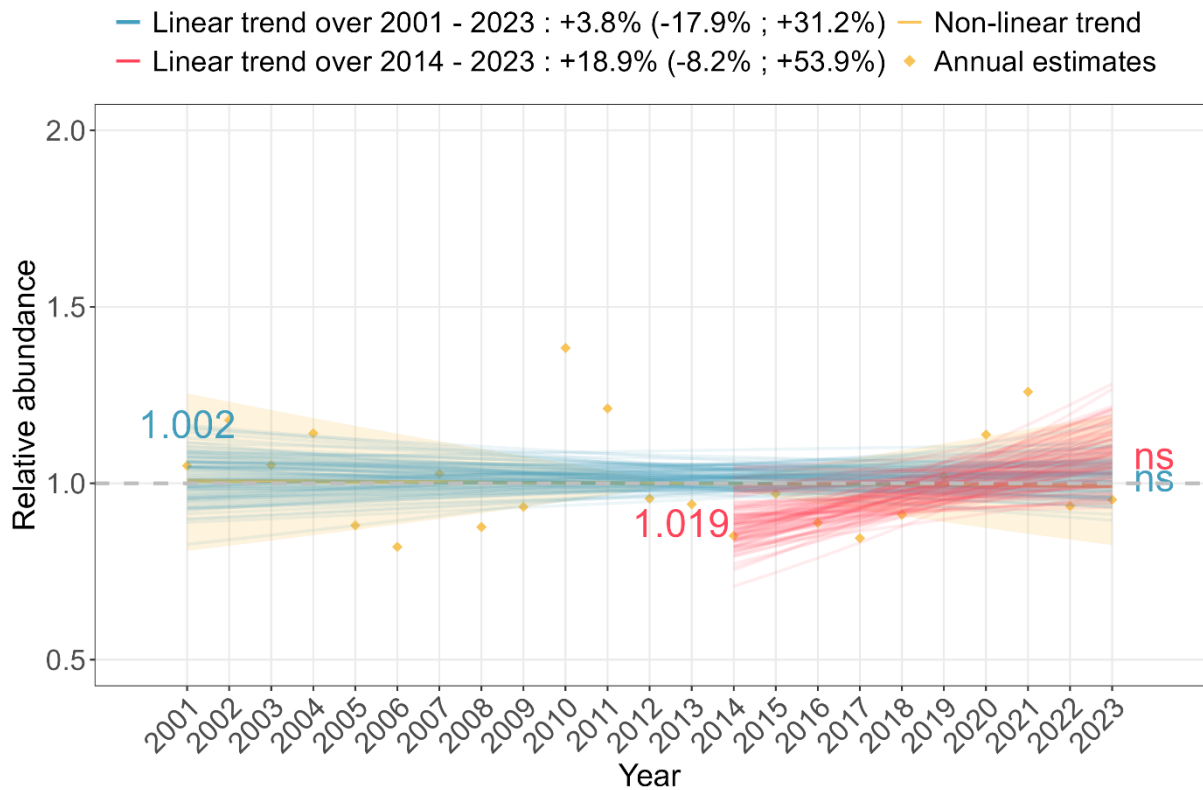
## Gray Wagtail (*Motacilla cinerea*)



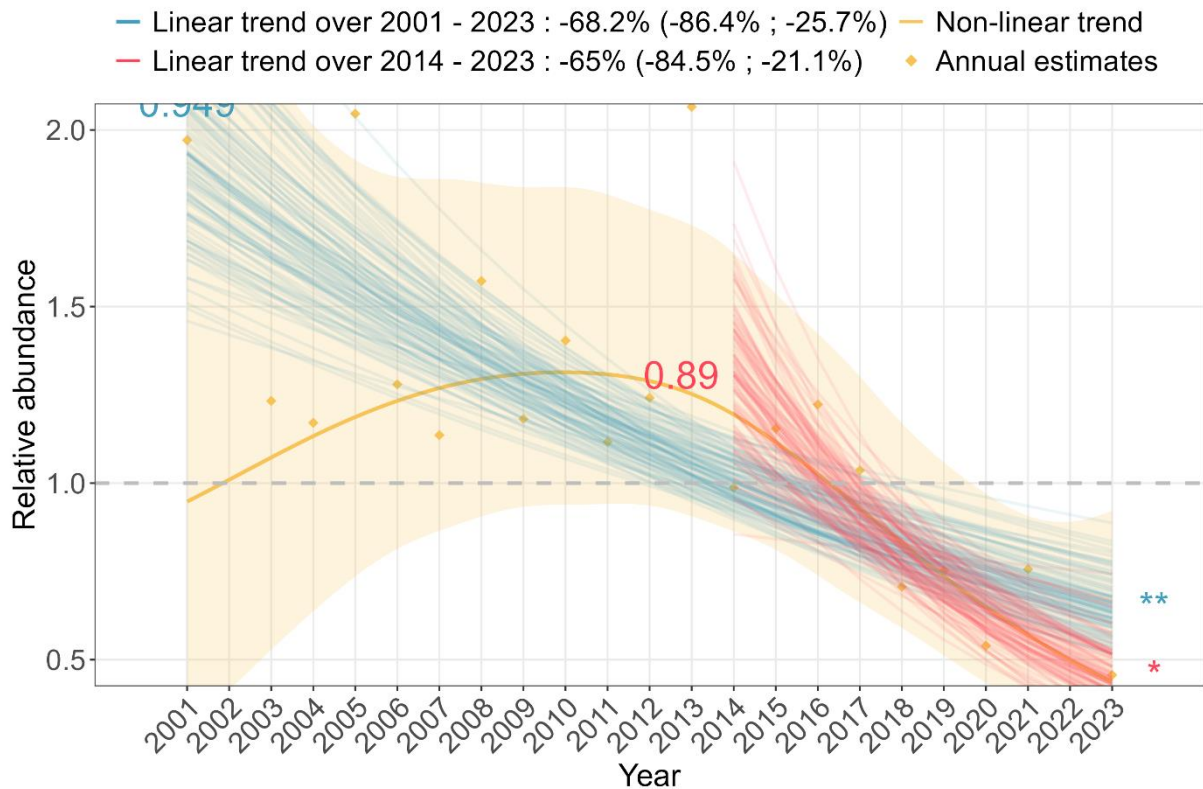
## Western Yellow Wagtail (*Motacilla flava*)



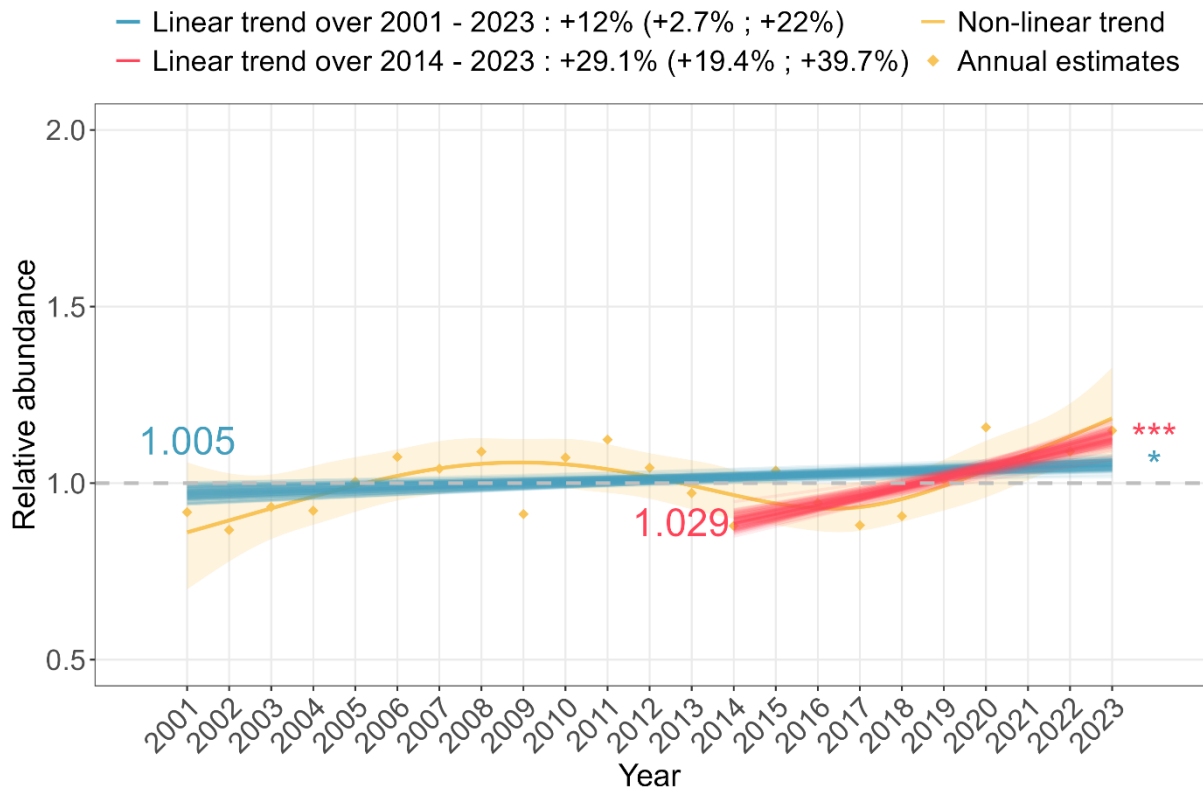
## Spotted Flycatcher (*Muscicapa striata*)



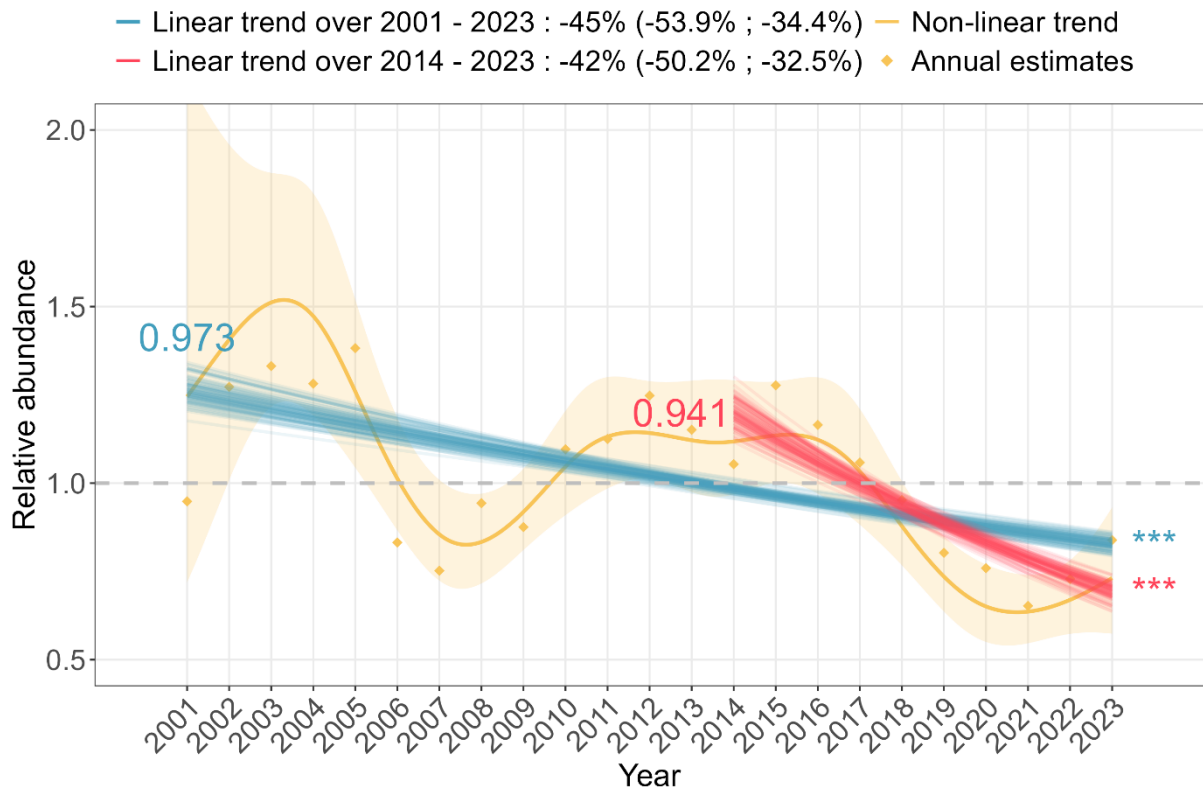
## Eurasian Curlew (*Numenius arquata*)



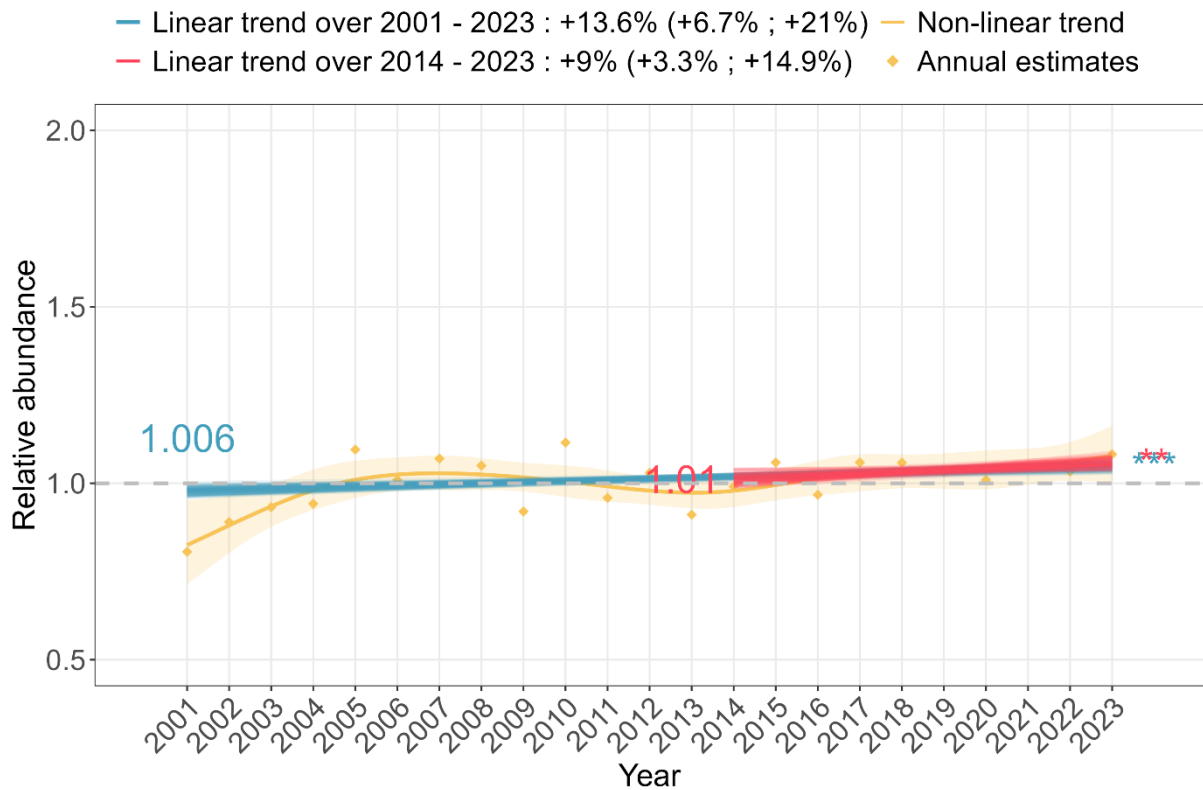
## Eurasian Golden Oriole (*Oriolus oriolus*)



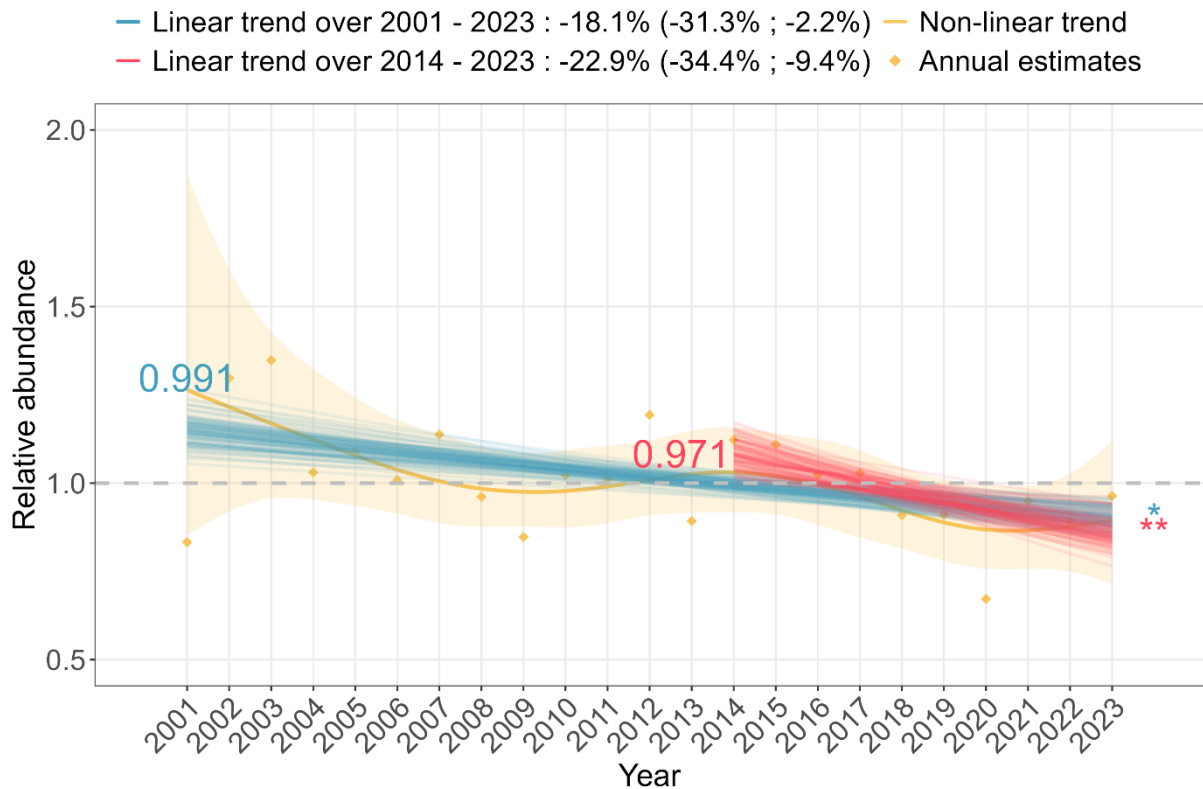
## Coal Tit (*Periparus ater*)



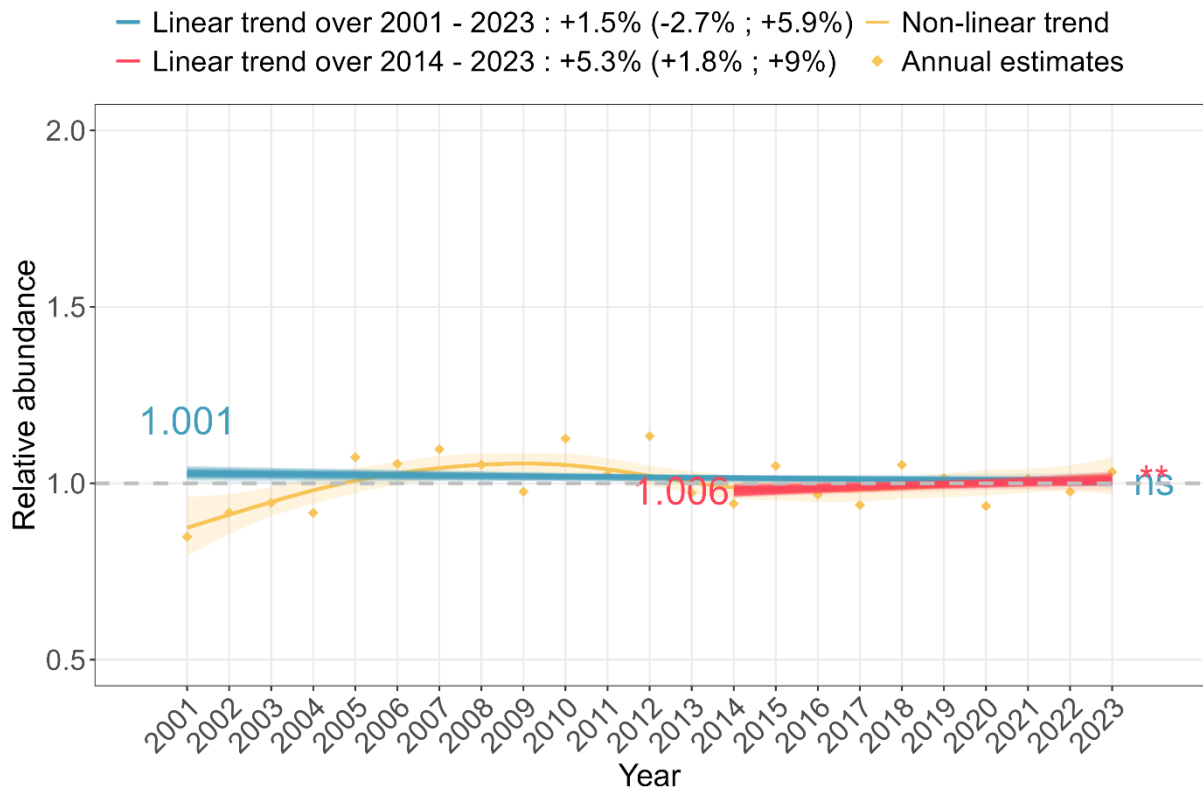
## Eurasian Blue Tit (*Cyanistes caeruleus*)



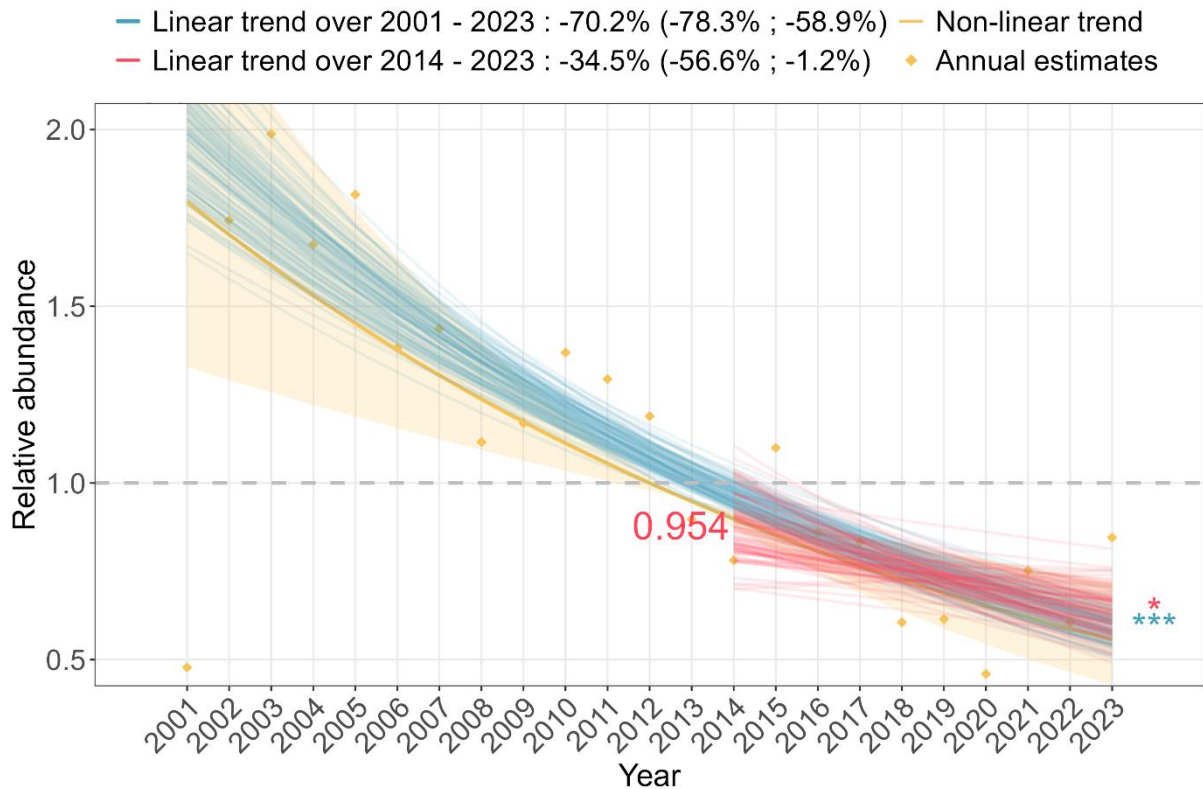
## Crested Tit (*Lophophanes cristatus*)



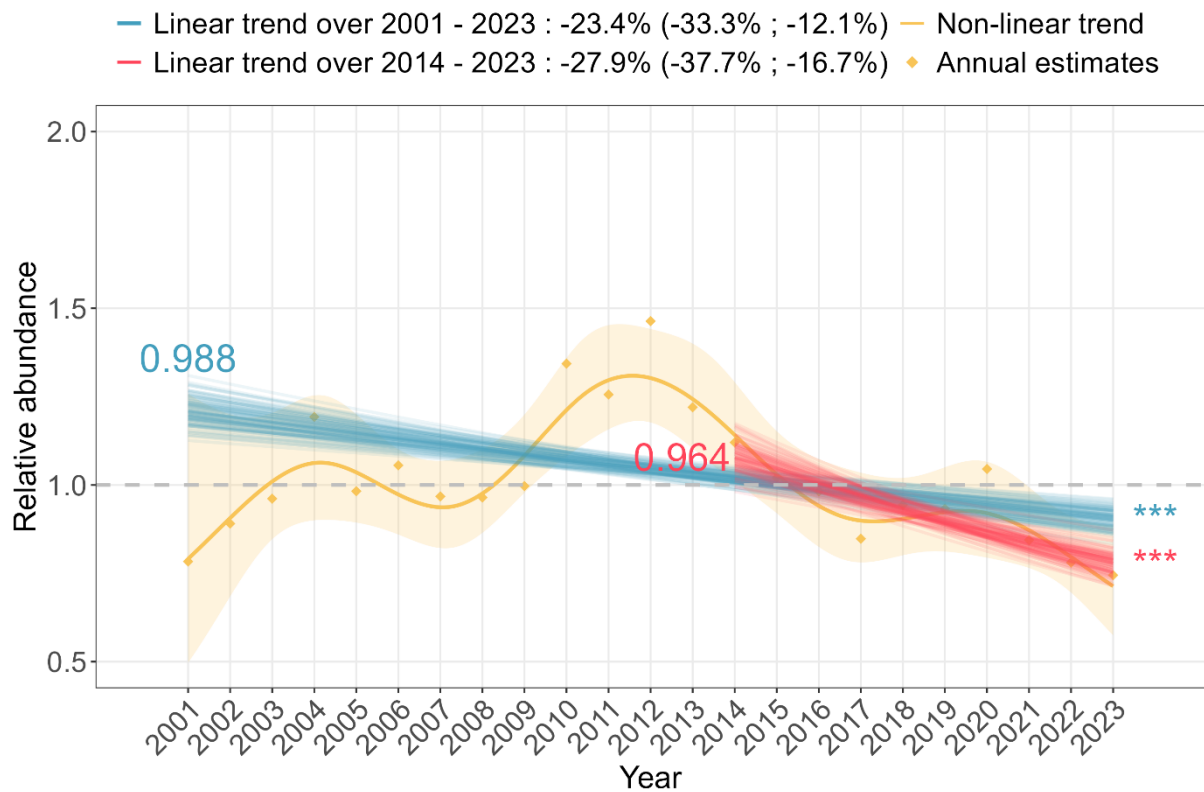
## Great Tit (*Parus major*)



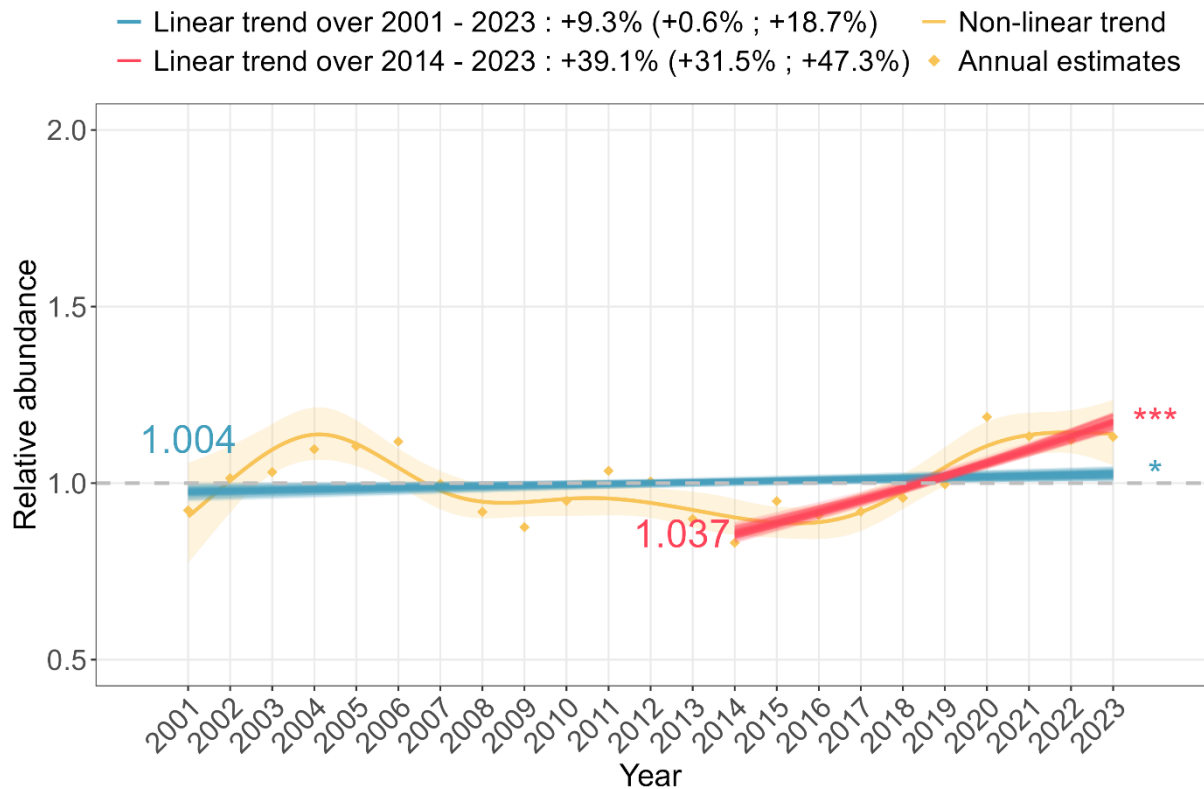
## Willow Tit (*Parus montanus*)



## Marsh Tit (*Poecile palustris*)

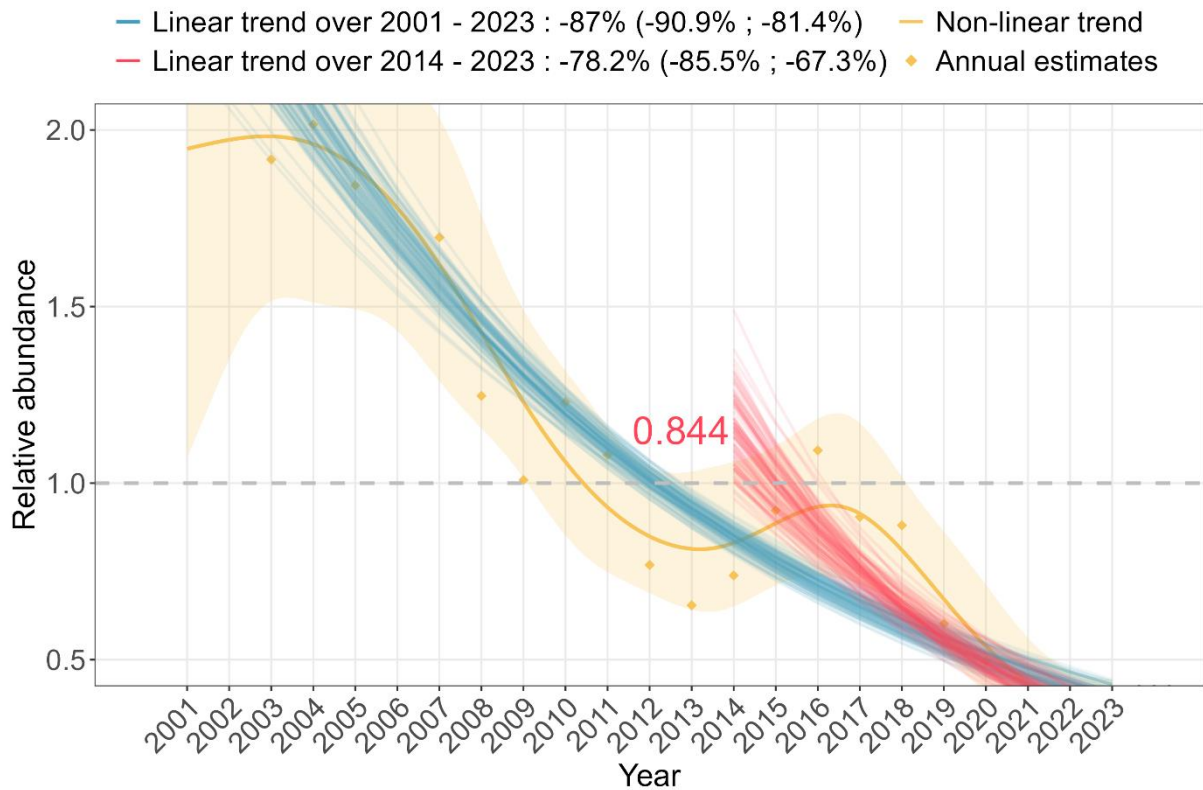


## House Sparrow (*Passer domesticus*)

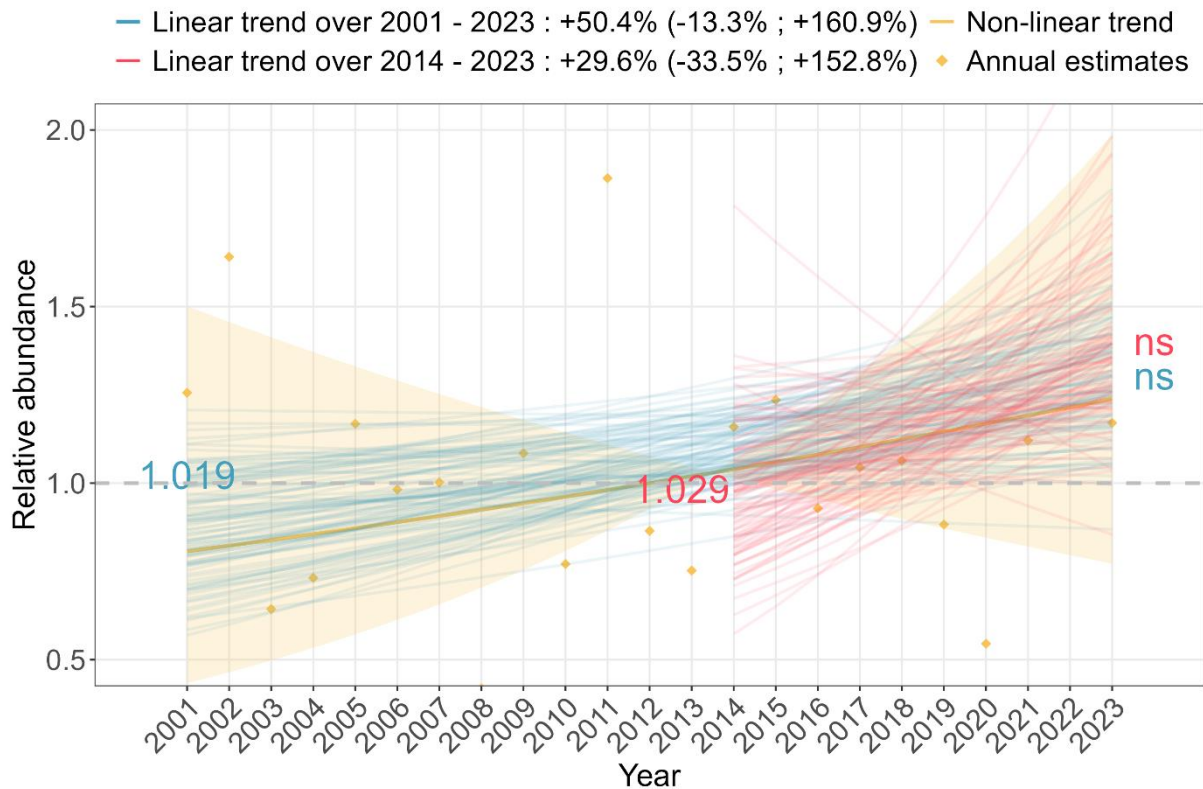




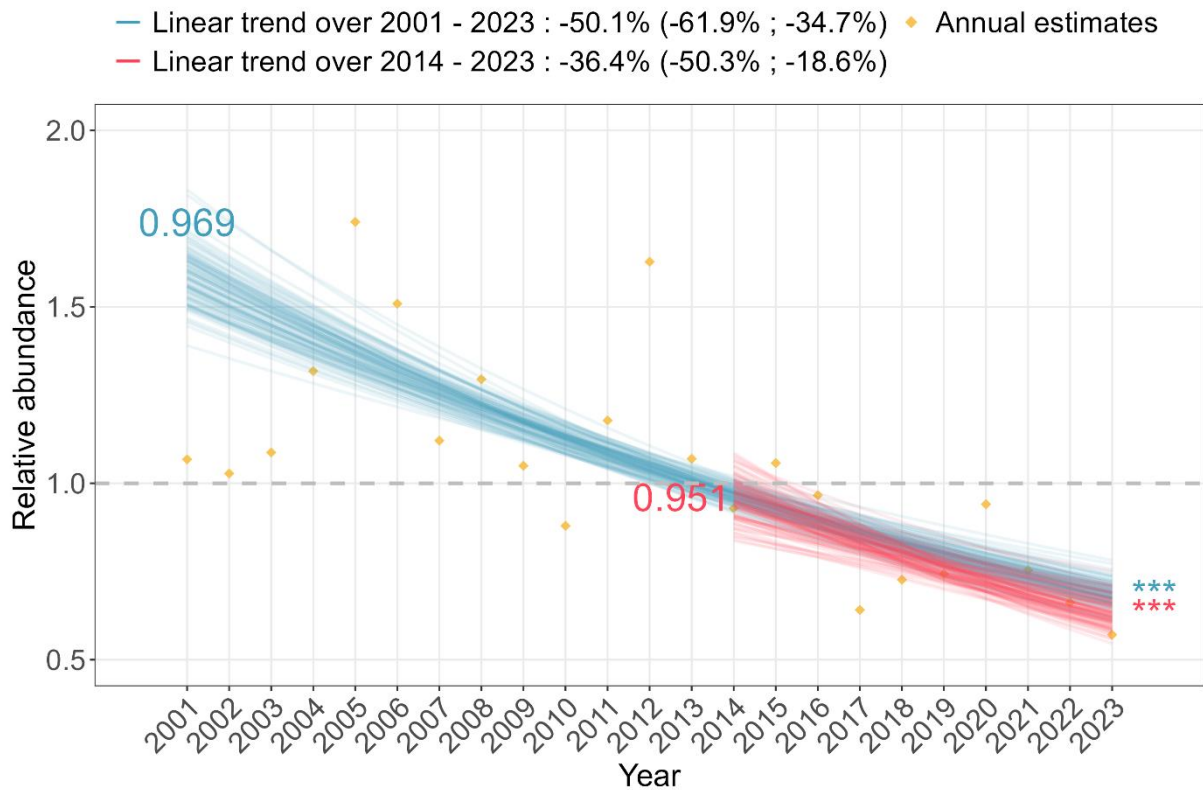
## Eurasian Tree Sparrow (*Passer montanus*)



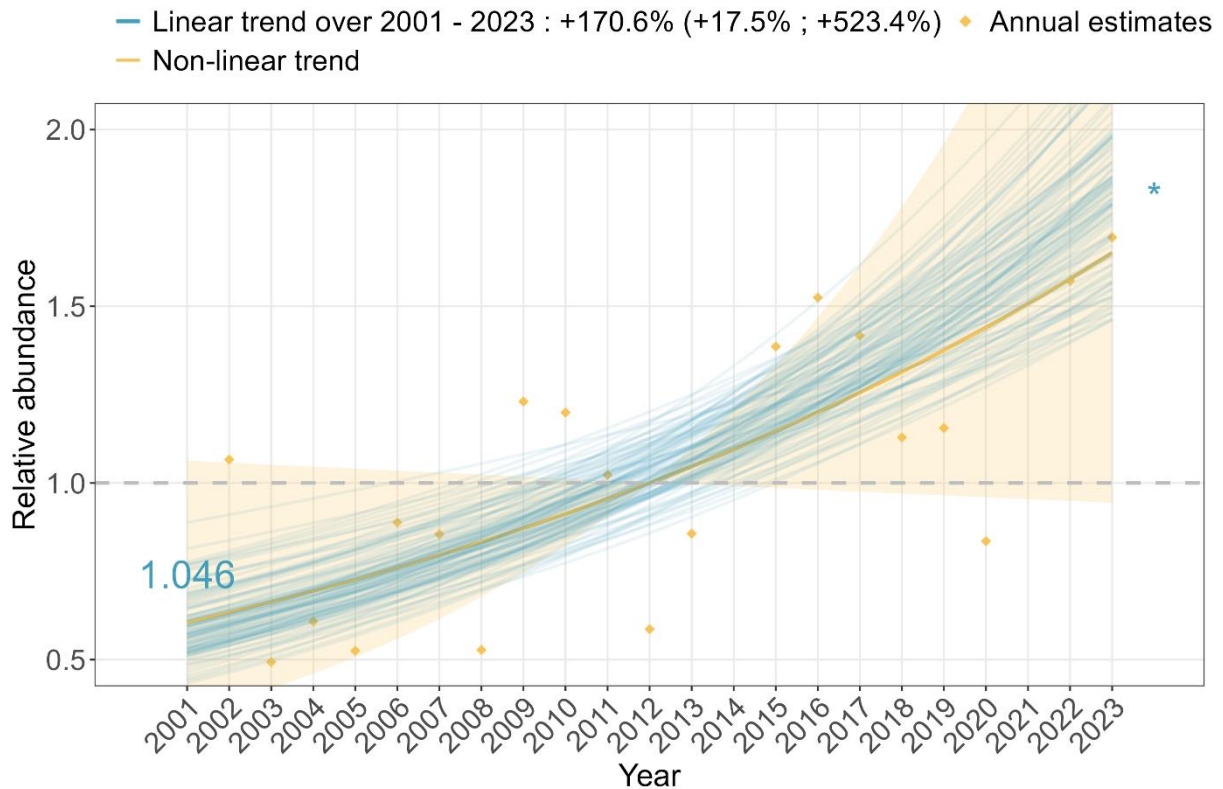
## European Honey-buzzard (*Pernis apivorus*)



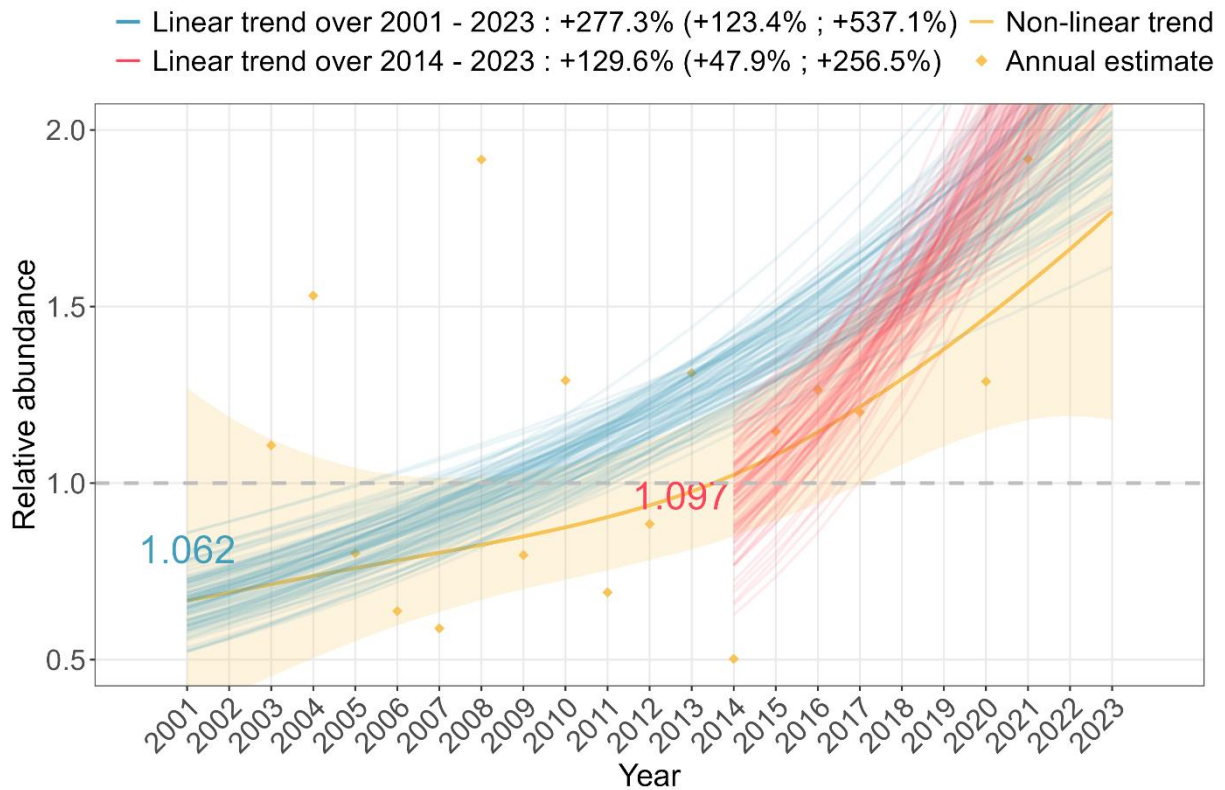
## Gray Partridge (*Perdix perdix*)



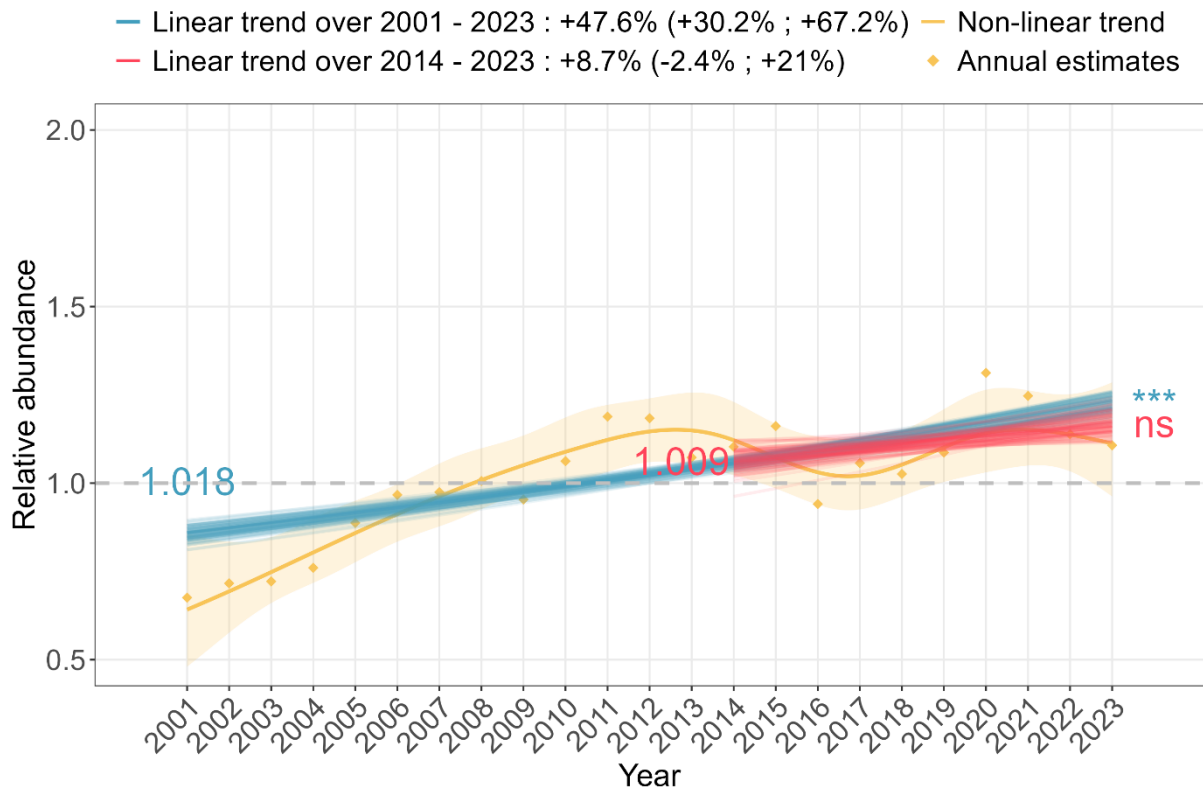
## Rock Petronia (*Petronia petronia*)



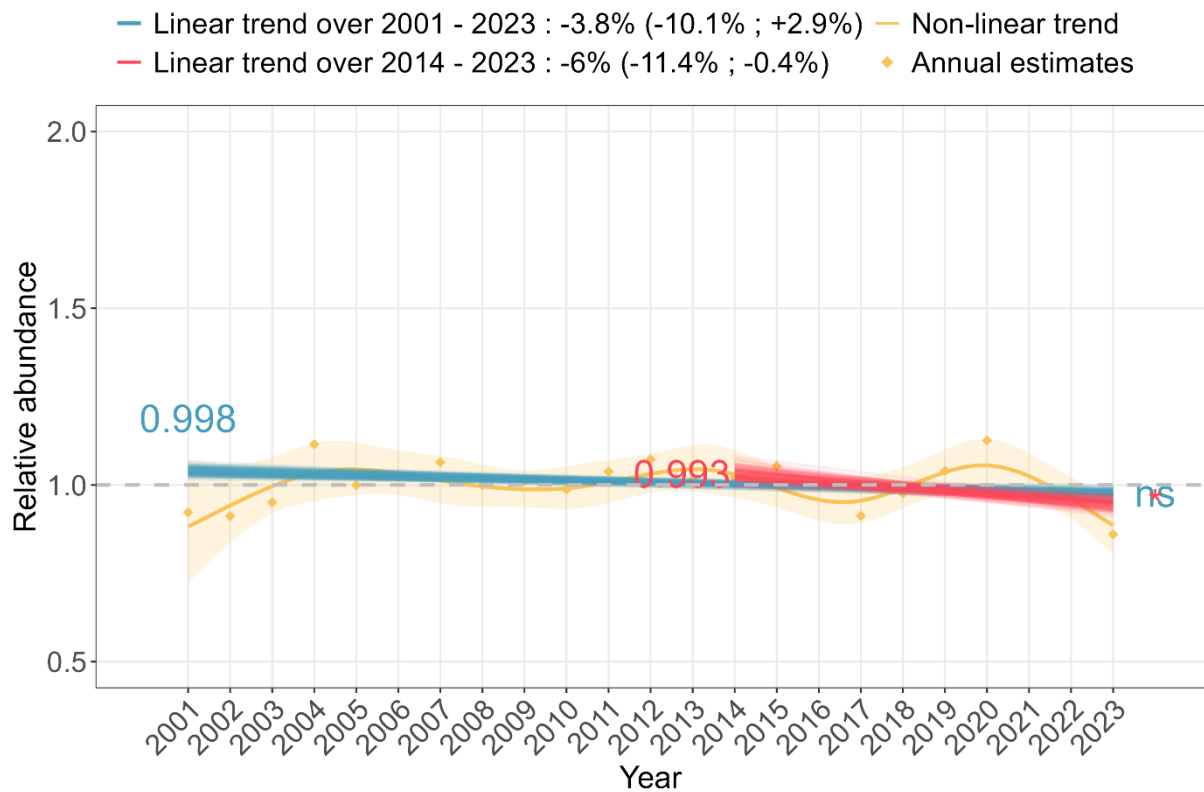
## Great Cormorant (*Phalacrocorax carbo*)



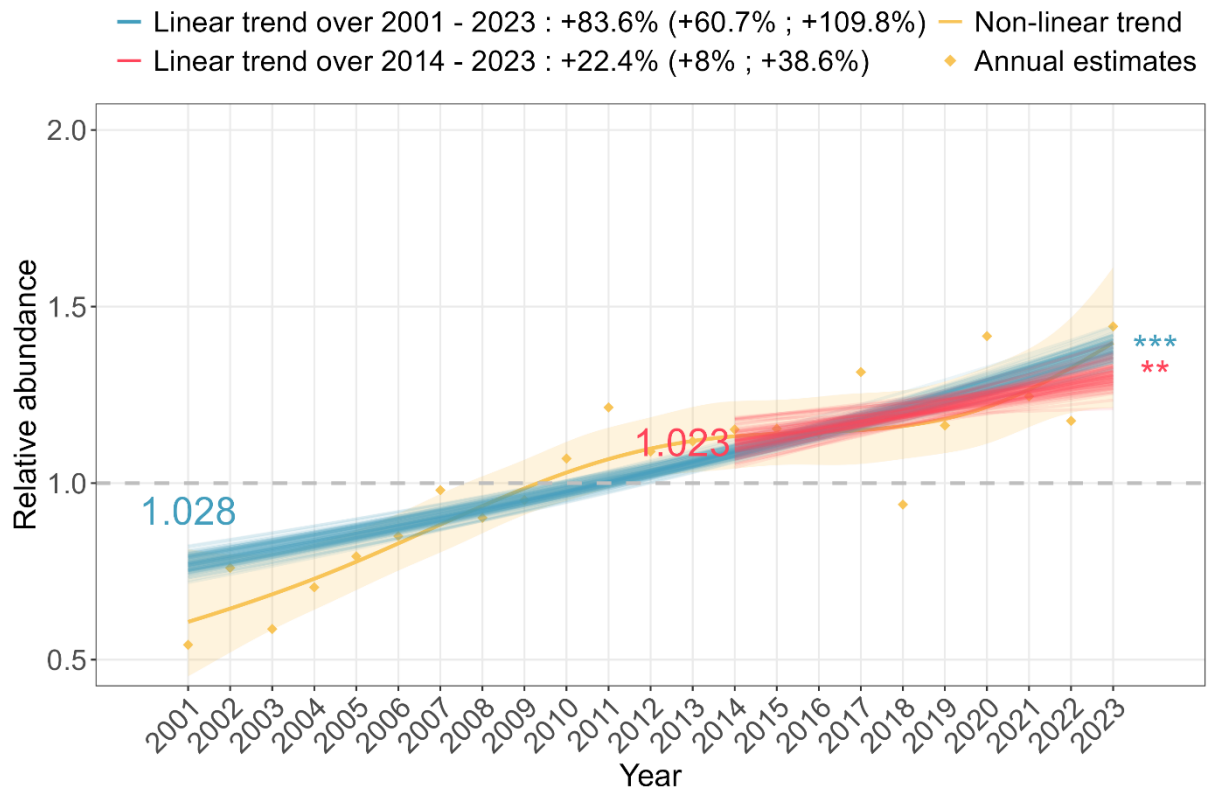
## Ring-necked Pheasant (*Phasianus colchicus*)



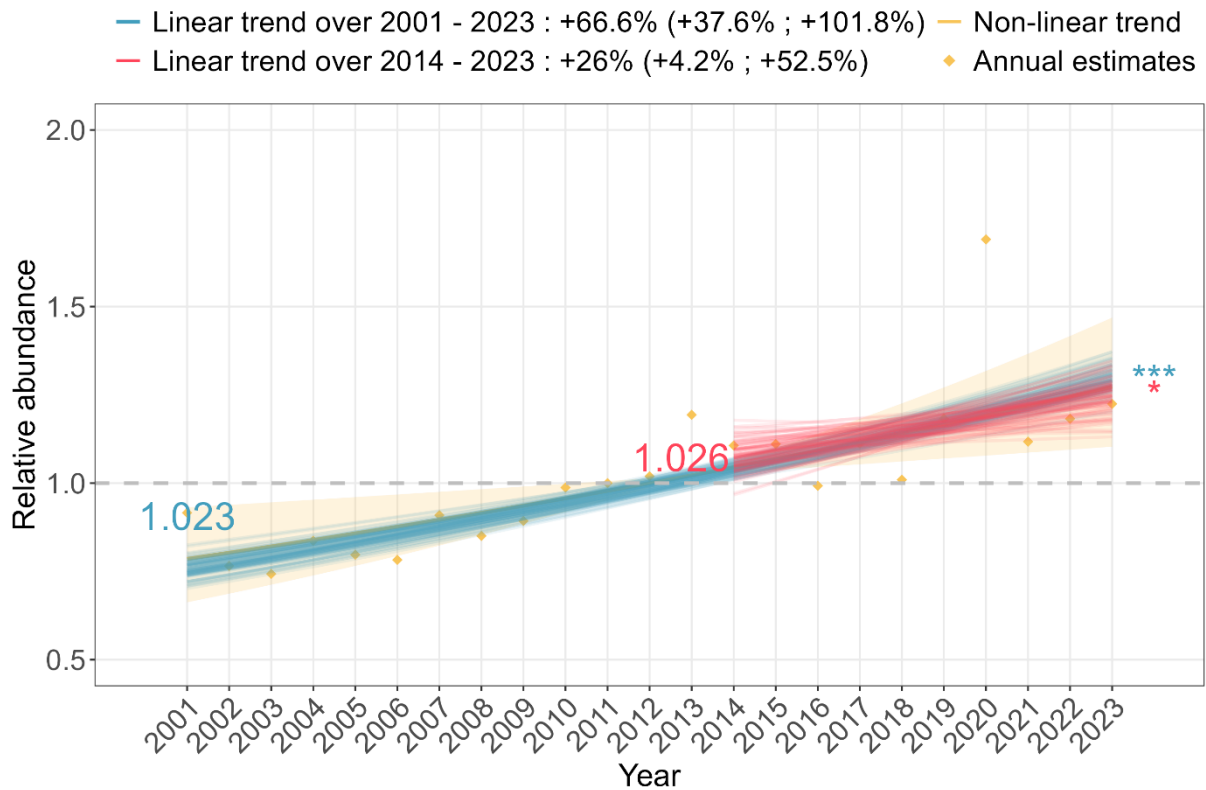
## Black Redstart (*Phoenicurus ochruros*)



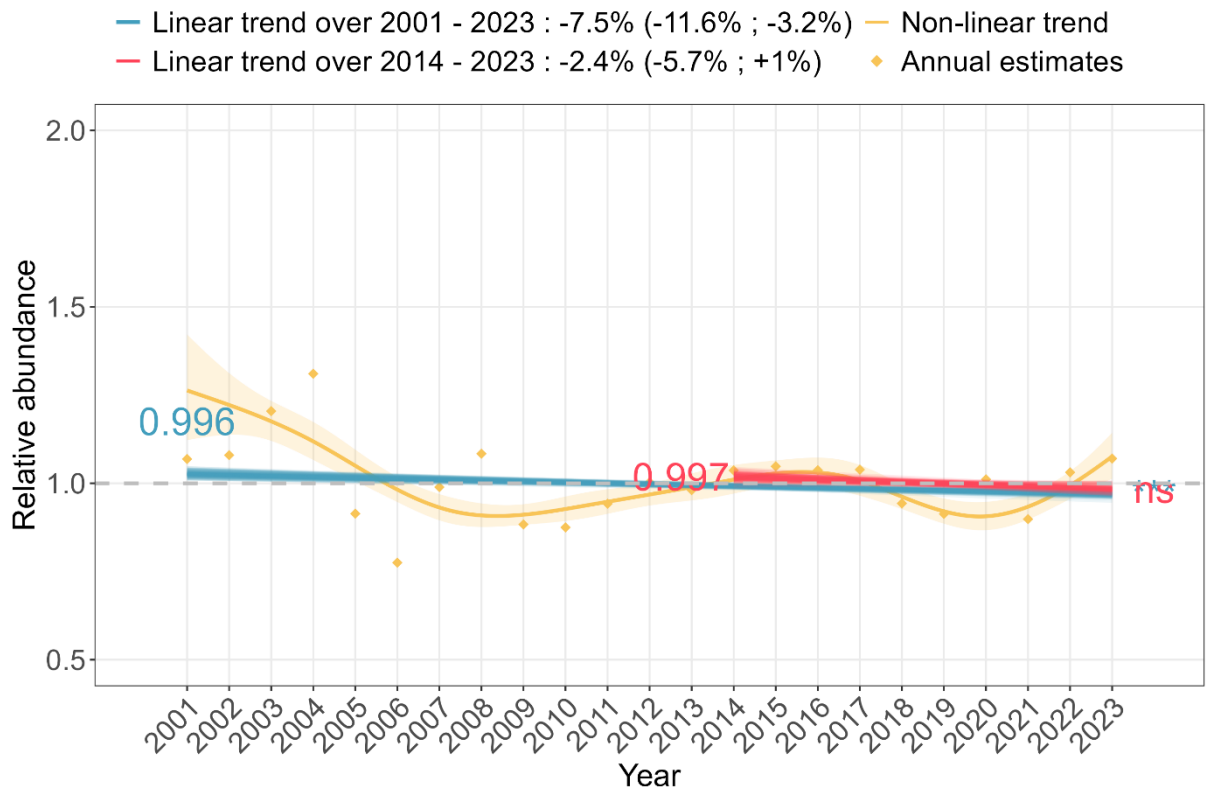
## Common Redstart (*Phoenicurus phoenicurus*)



## Western Bonelli's Warbler (*Phylloscopus bonelli*)

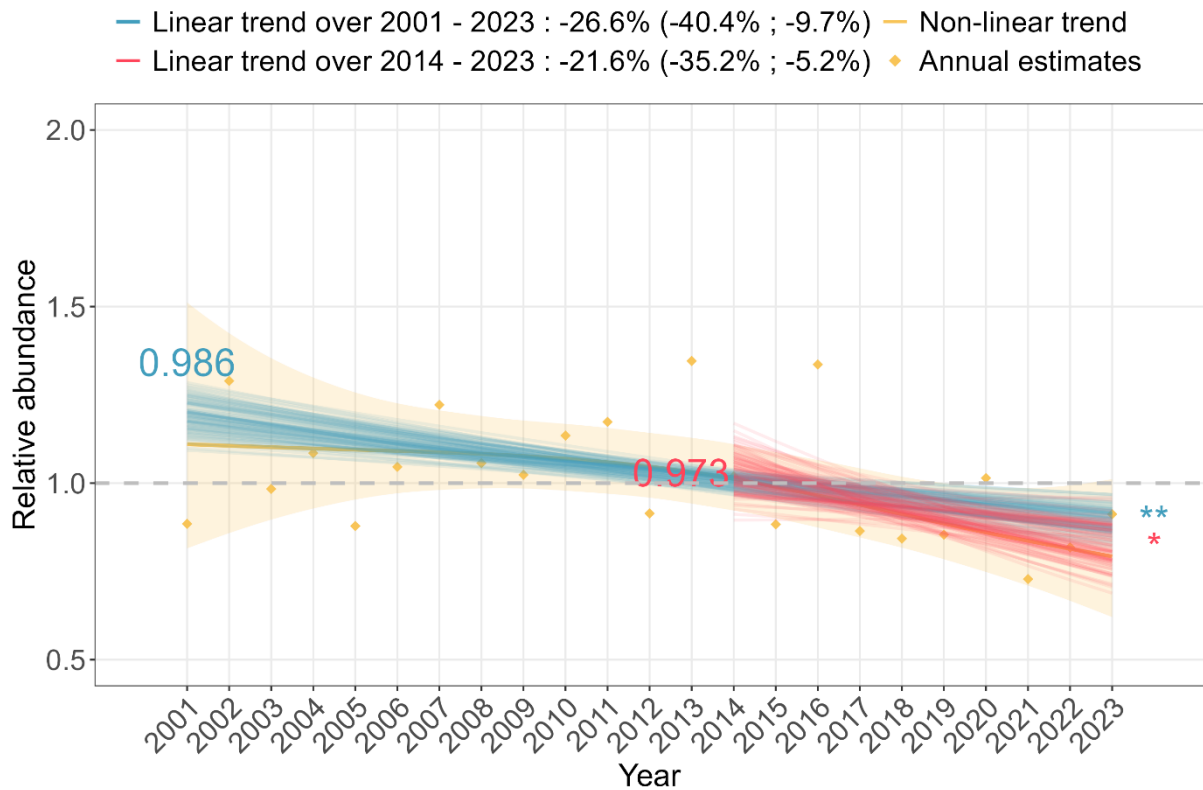


## Common Chiffchaff (*Phylloscopus collybita*)

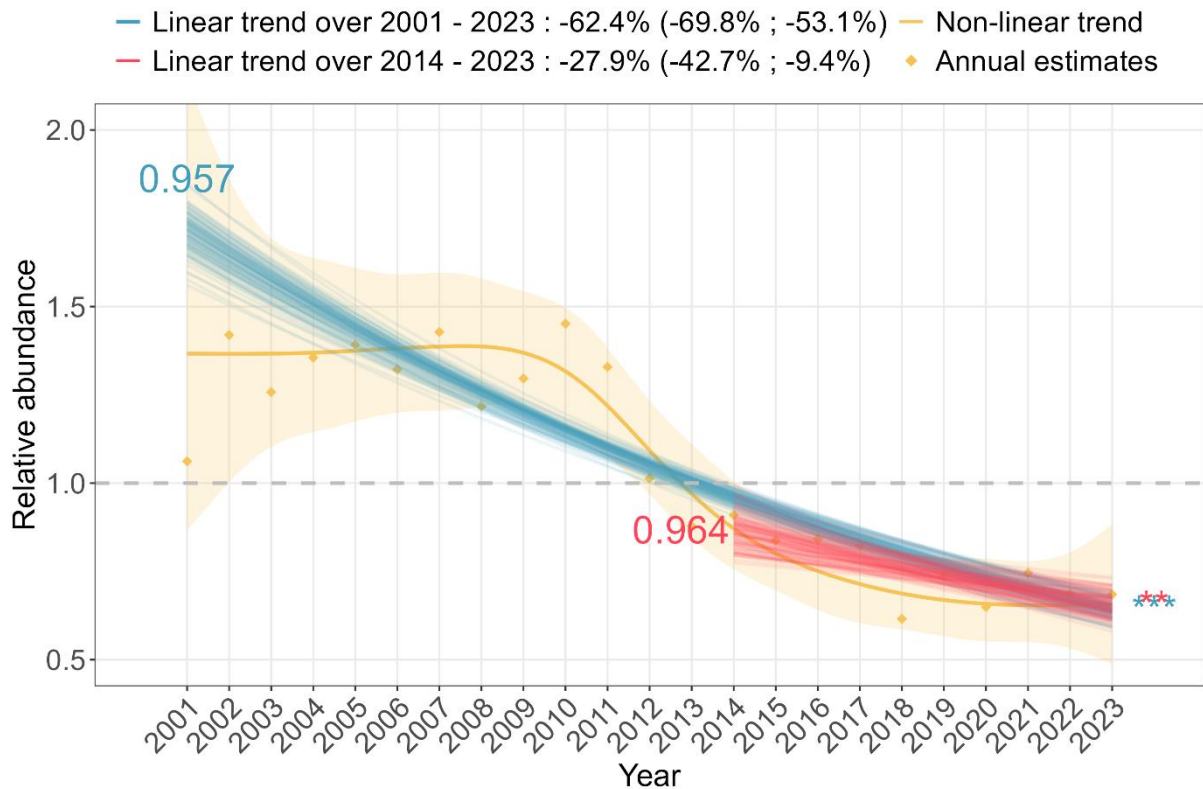




## Wood Warbler (*Phylloscopus sibilatrix*)

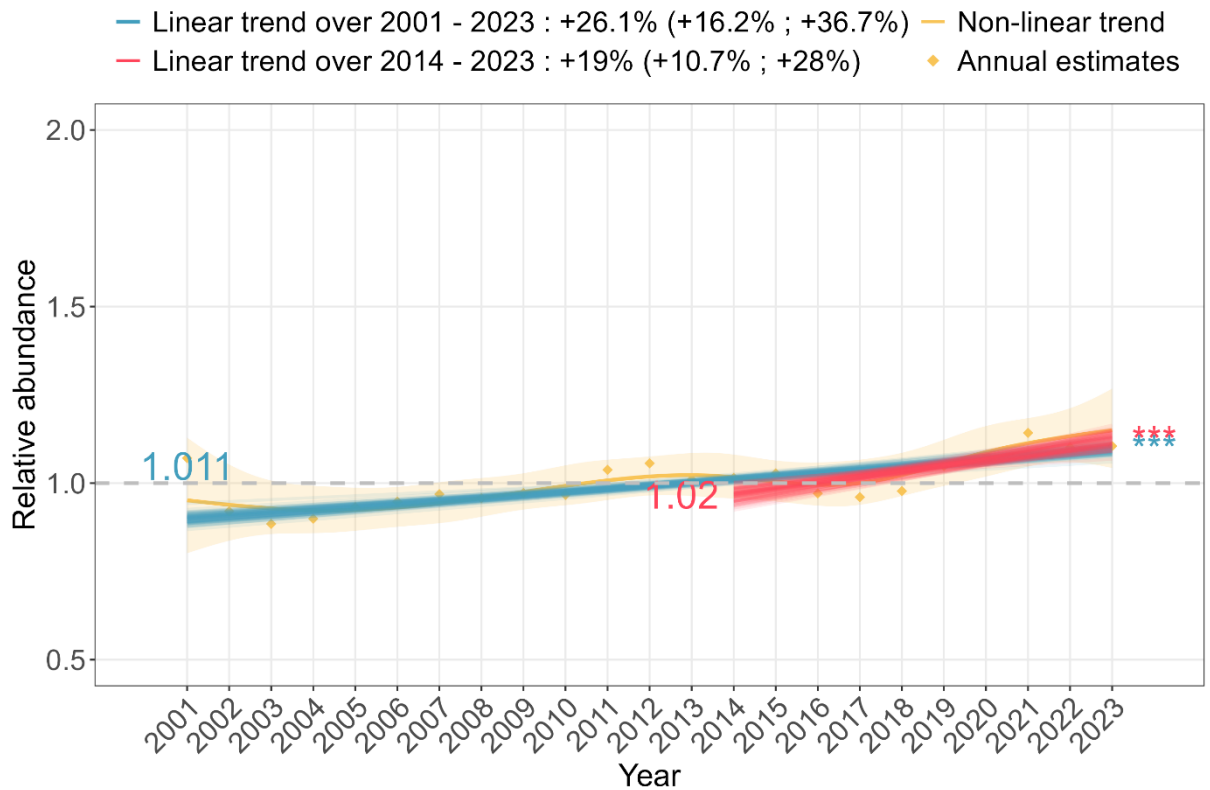


## Willow Warbler (*Phylloscopus trochilus*)

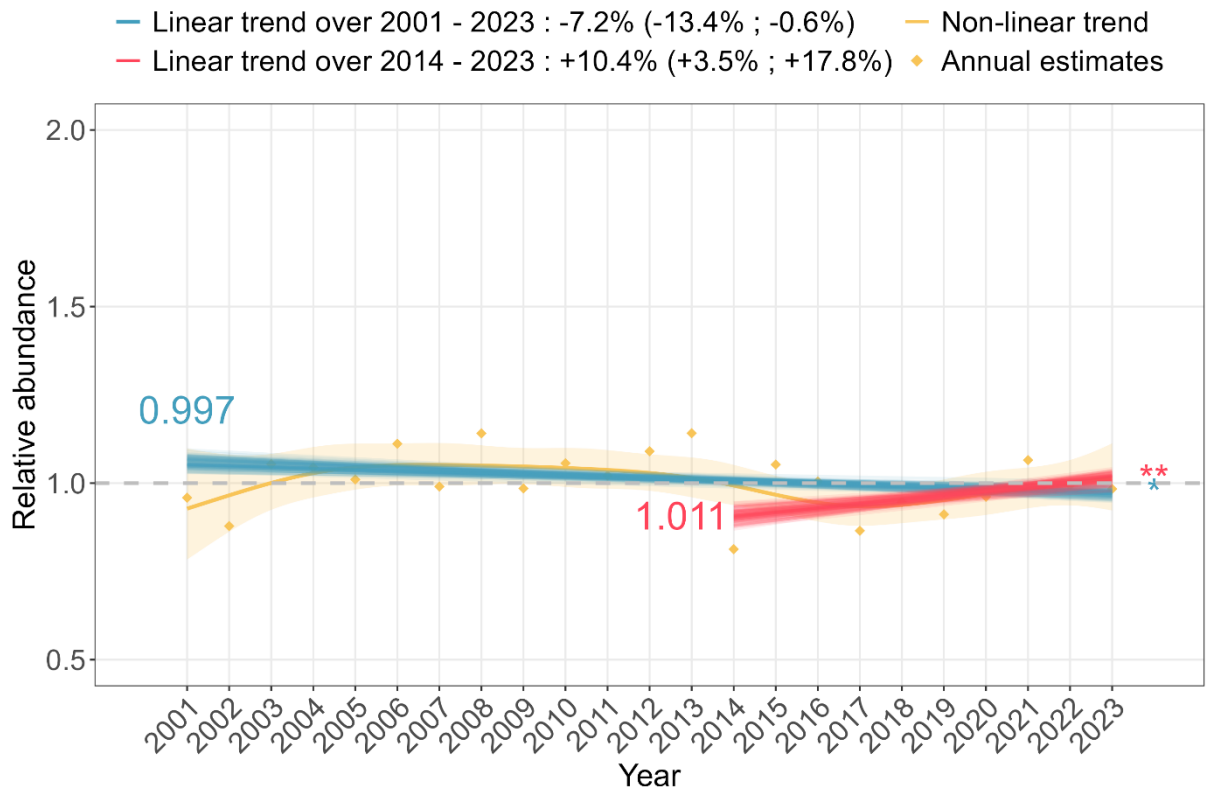




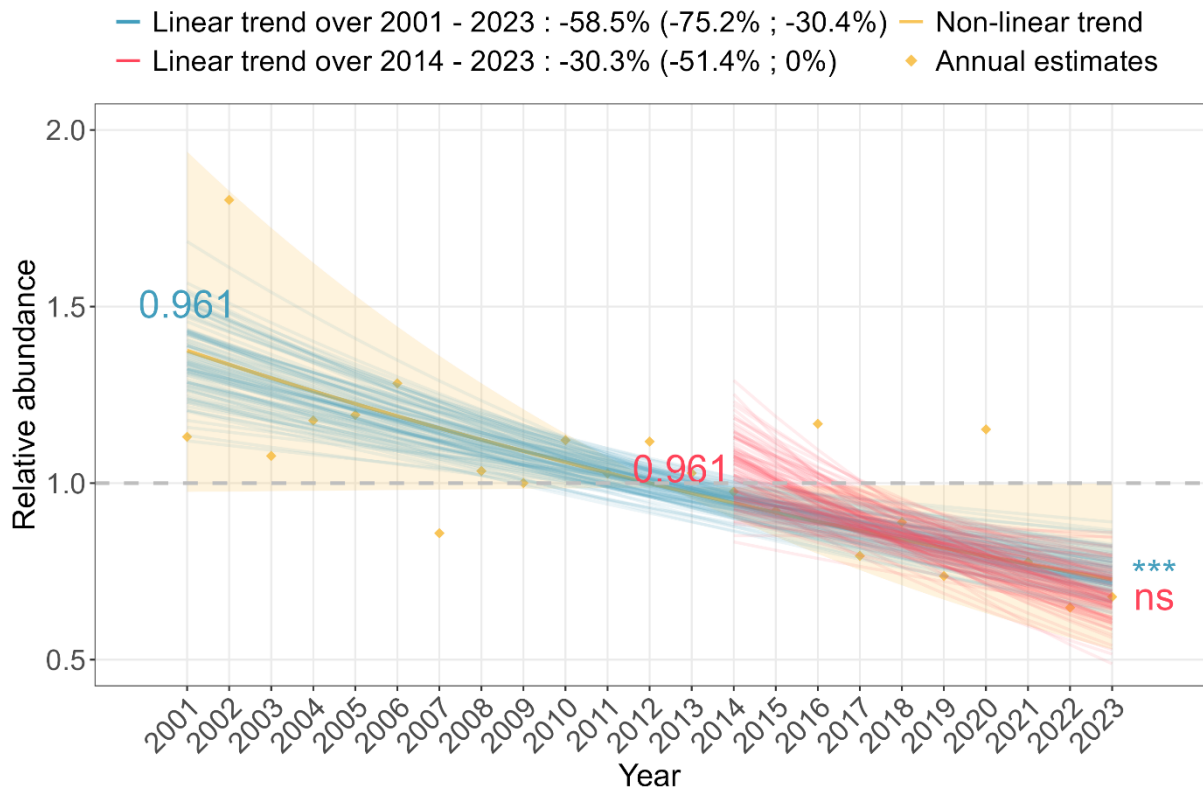
## Eurasian Magpie (*Pica pica*)



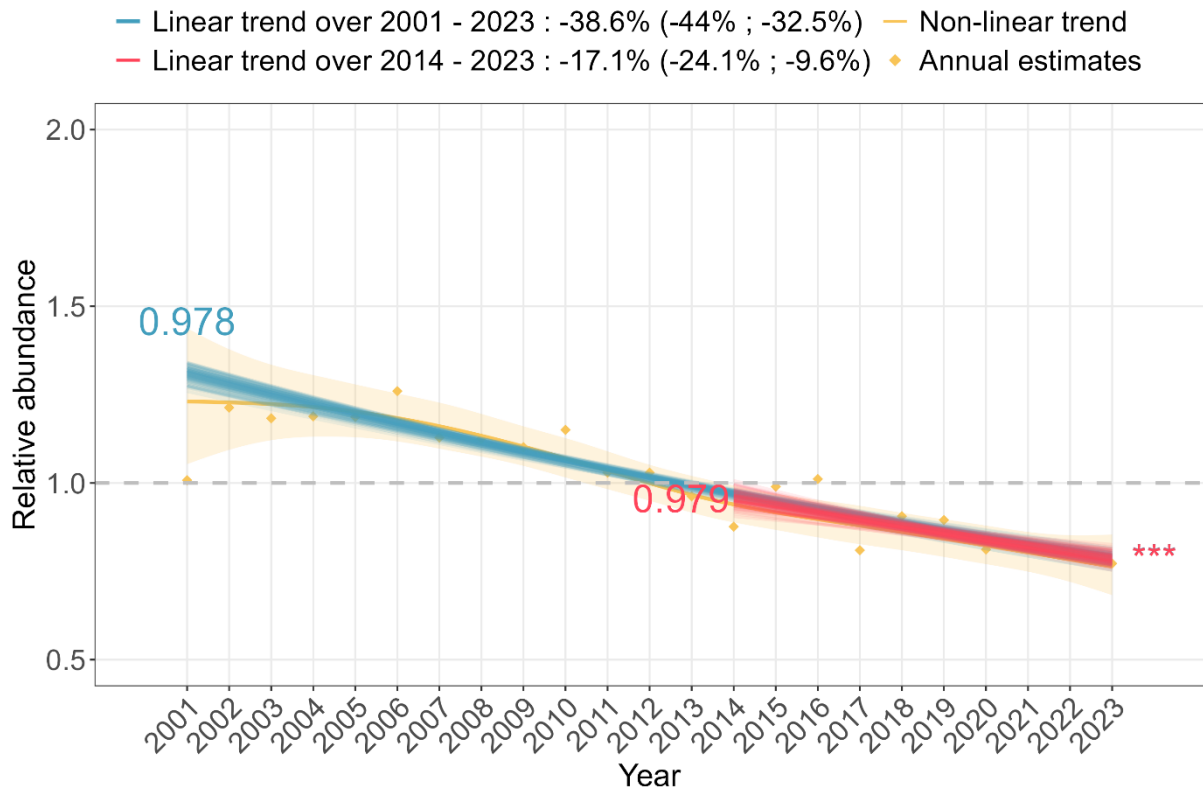
## Eurasian Green Woodpecker (*Picus viridis*)



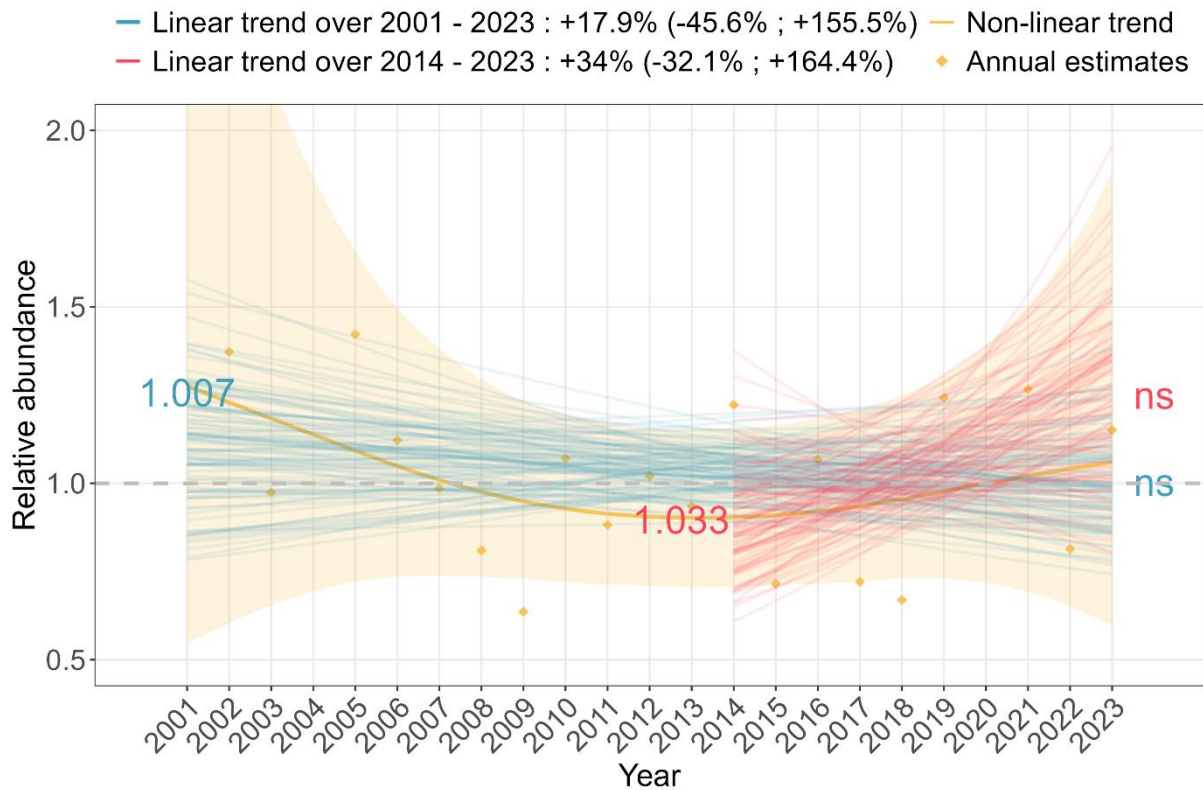
## Great Crested Grebe (*Podiceps cristatus*)



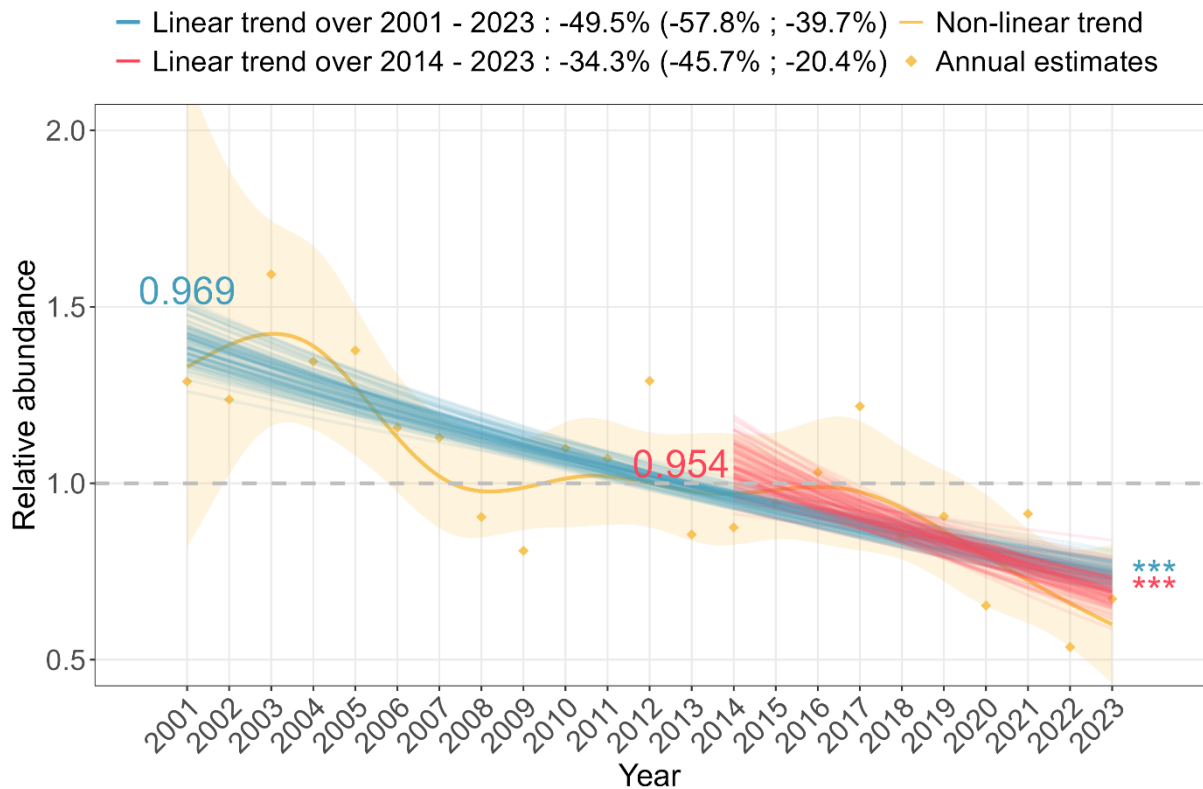
## Dunnock (*Prunella modularis*)



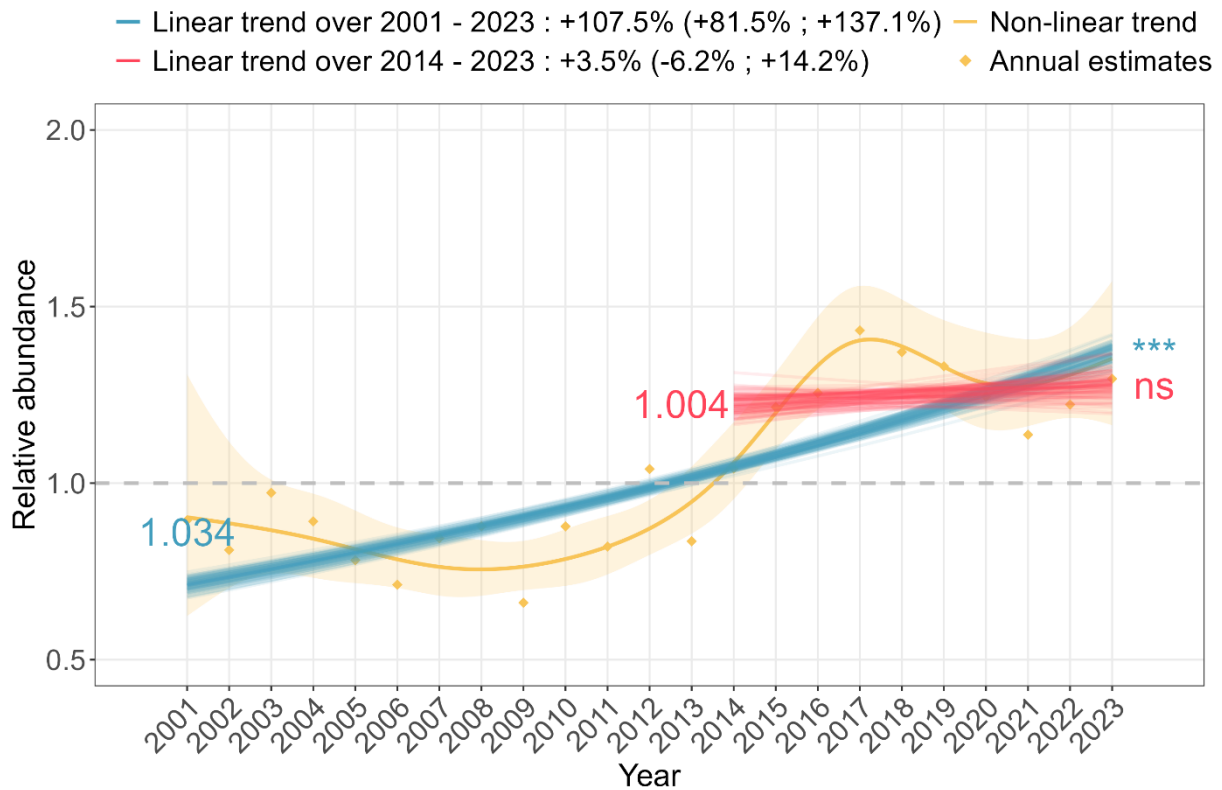
## Eurasian Crag-Martin (*Ptyonoprogne rupestris*)



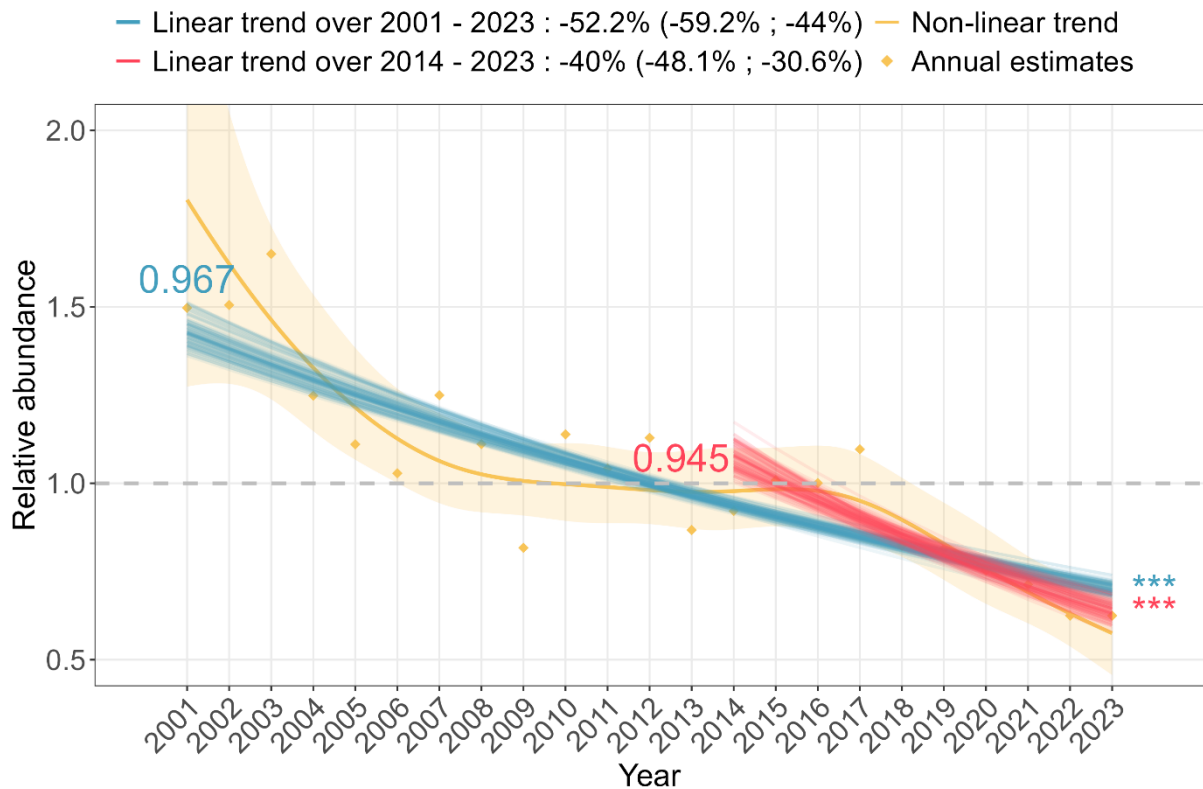
## Eurasian Bullfinch (*Pyrrhula pyrrhula*)



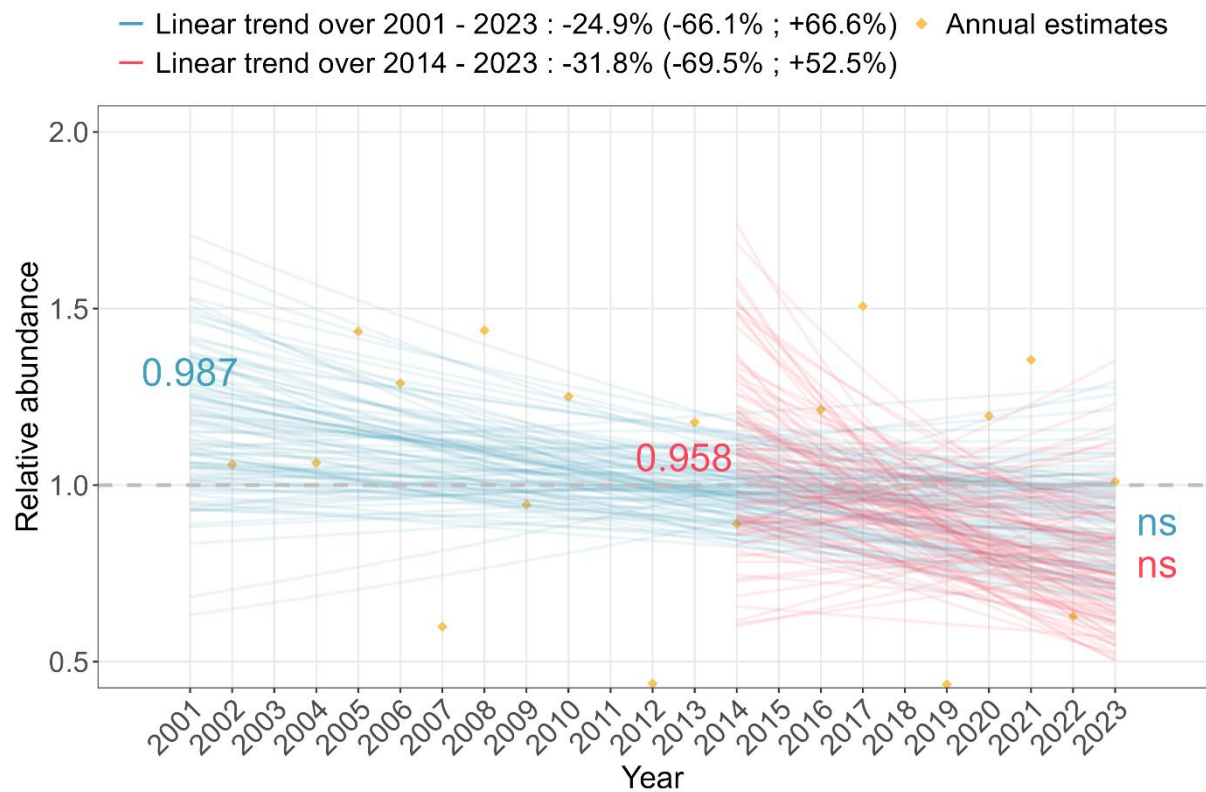
## Firecrest (*Regulus ignicapilla*)



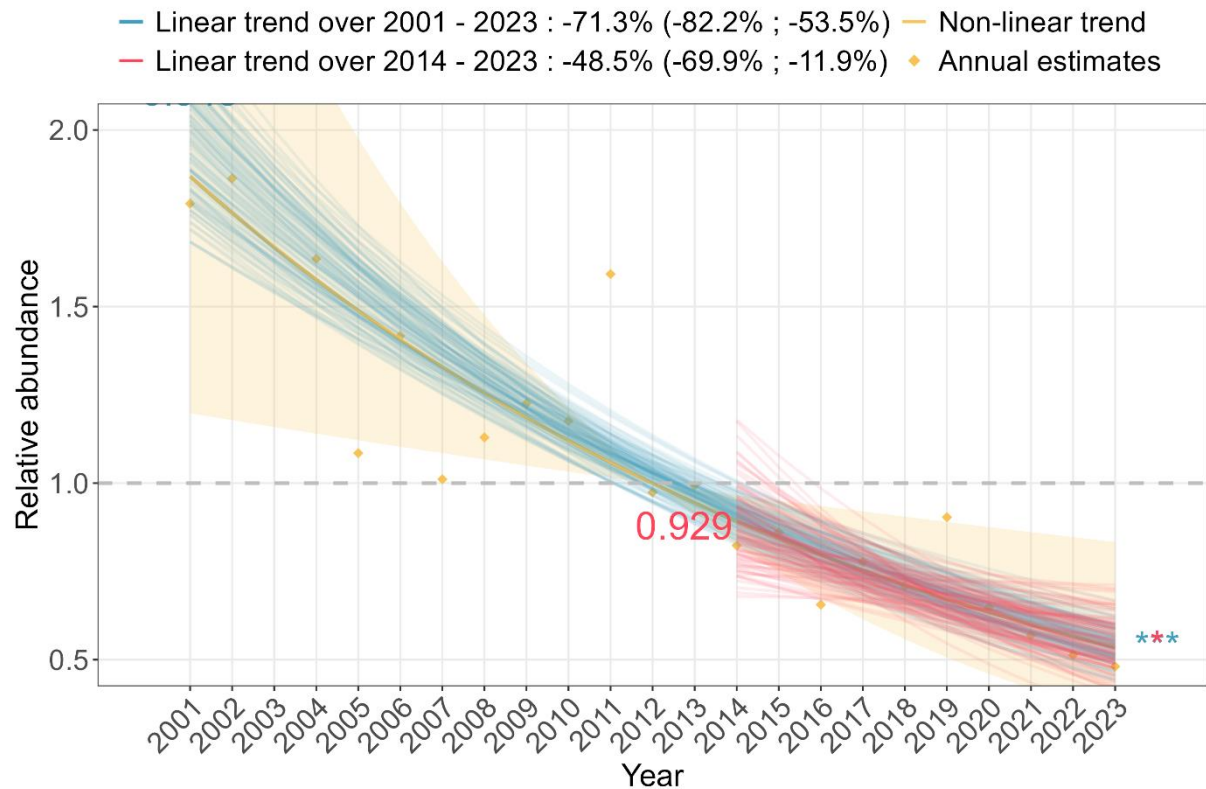
## Goldcrest (*Regulus regulus*)



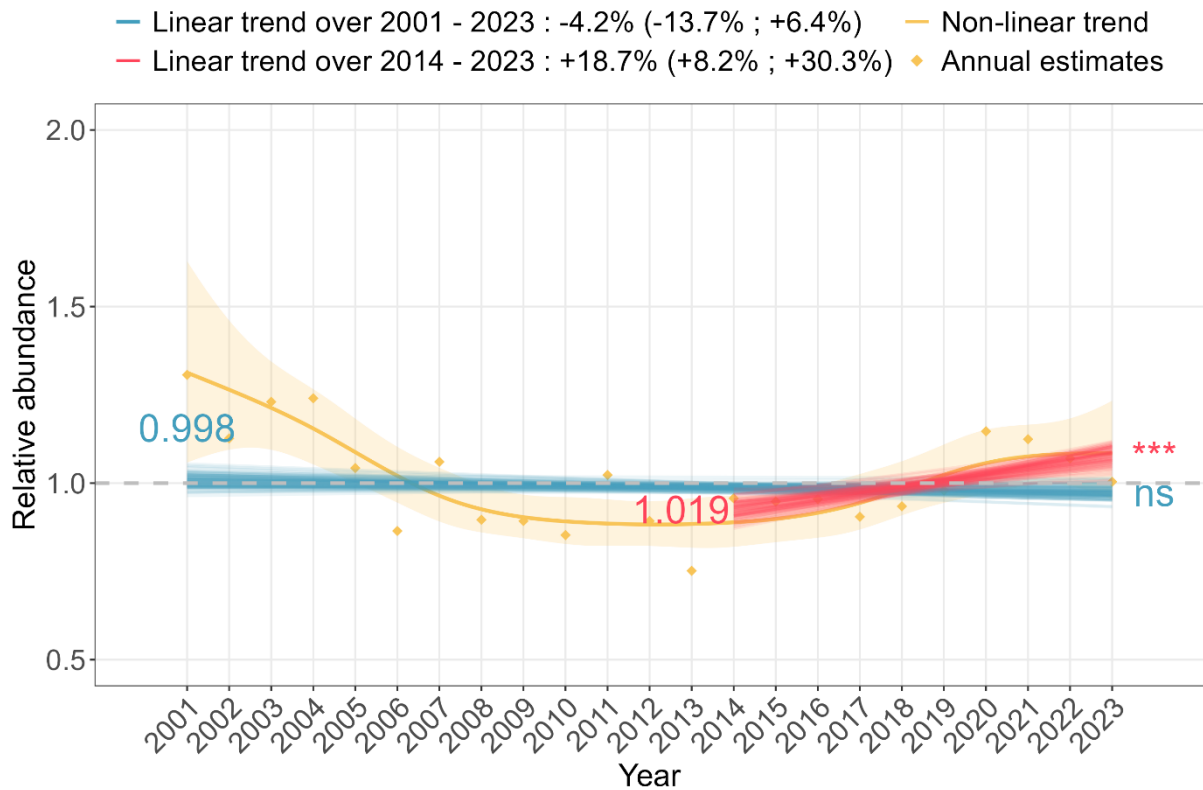
## Bank Swallow (*Riparia riparia*)



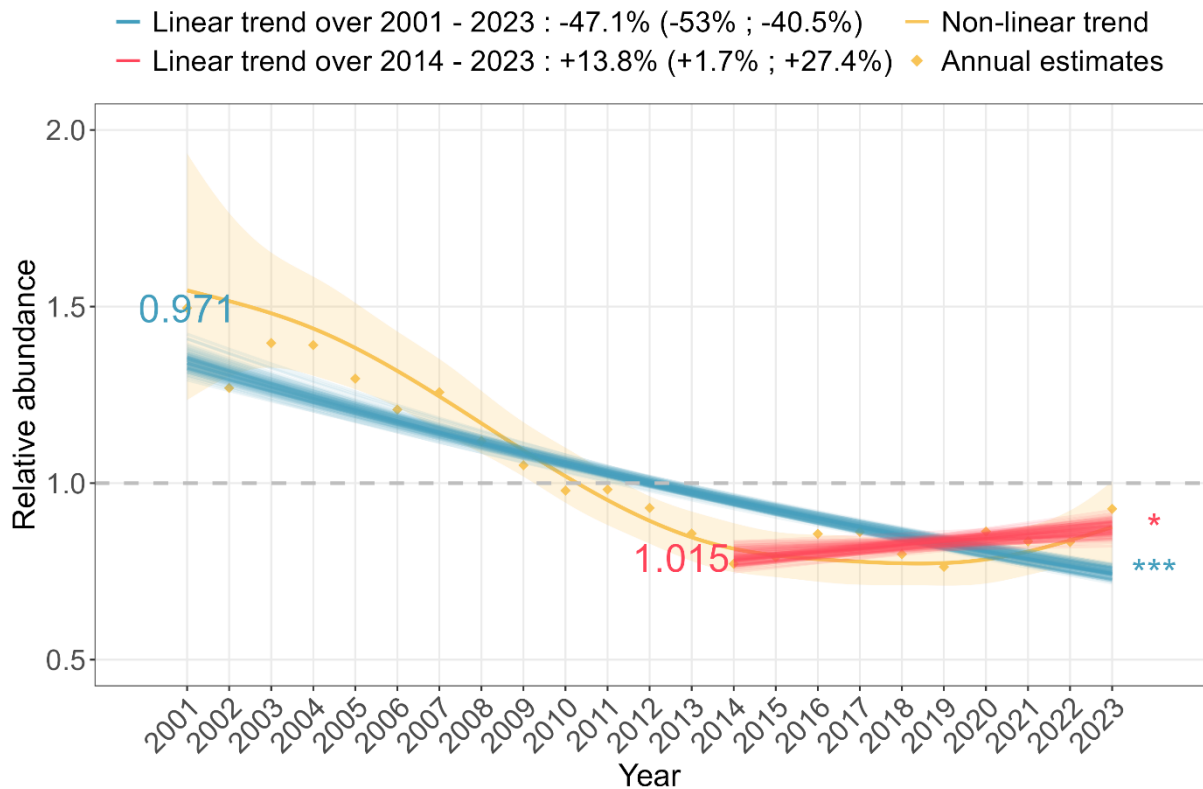
## Whinchat (*Saxicola rubetra*)



## European Stonechat (*Saxicola rubicola*)

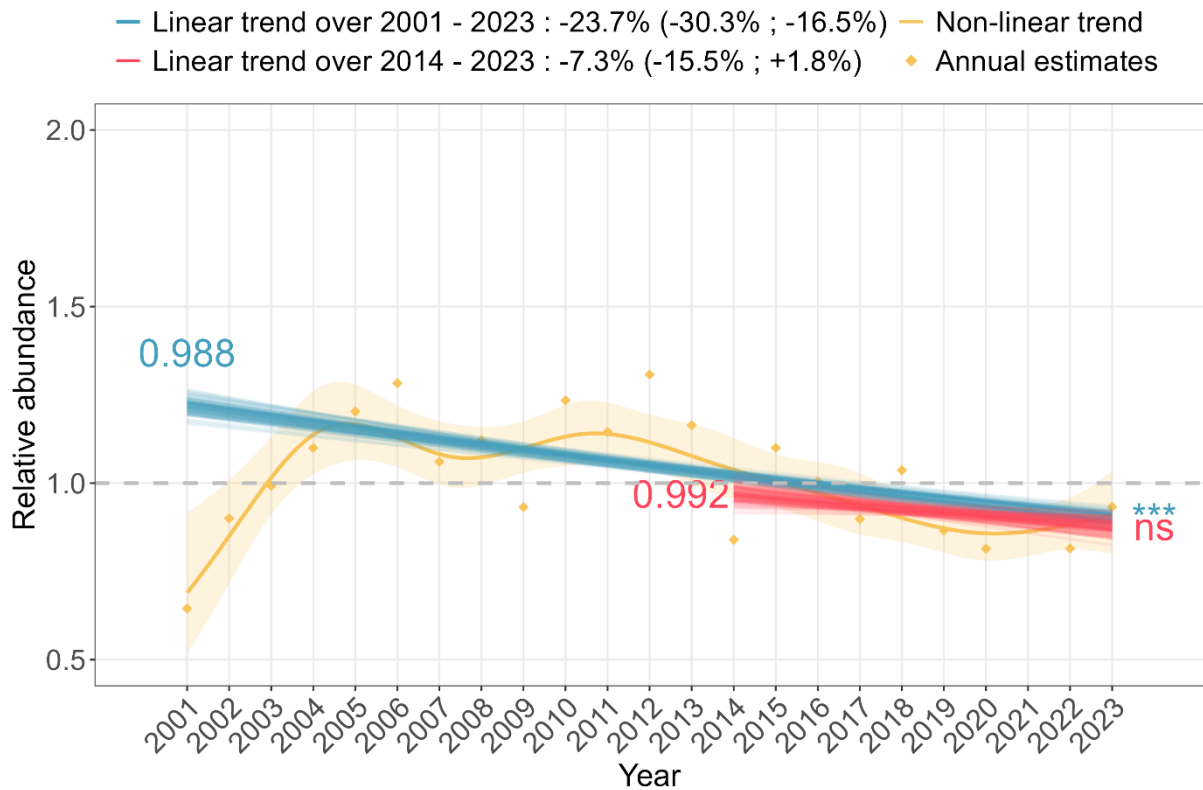


## European Serin (*Serinus serinus*)

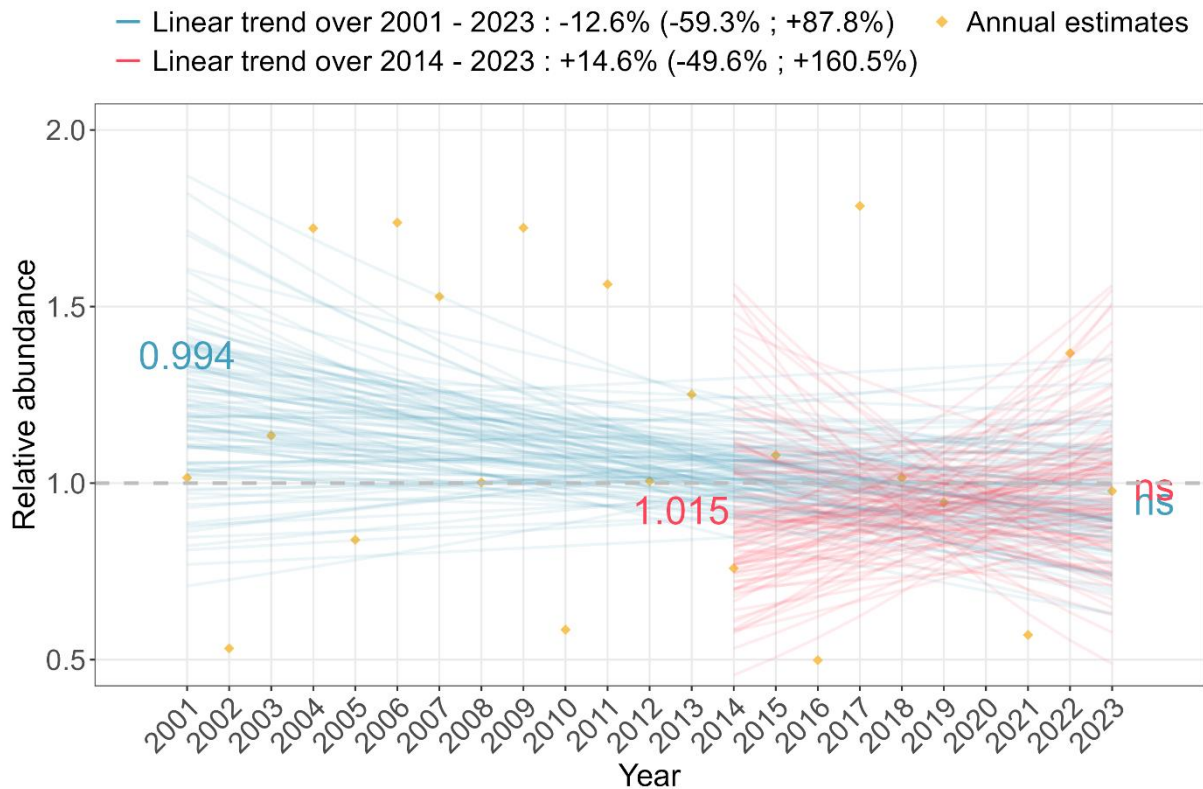




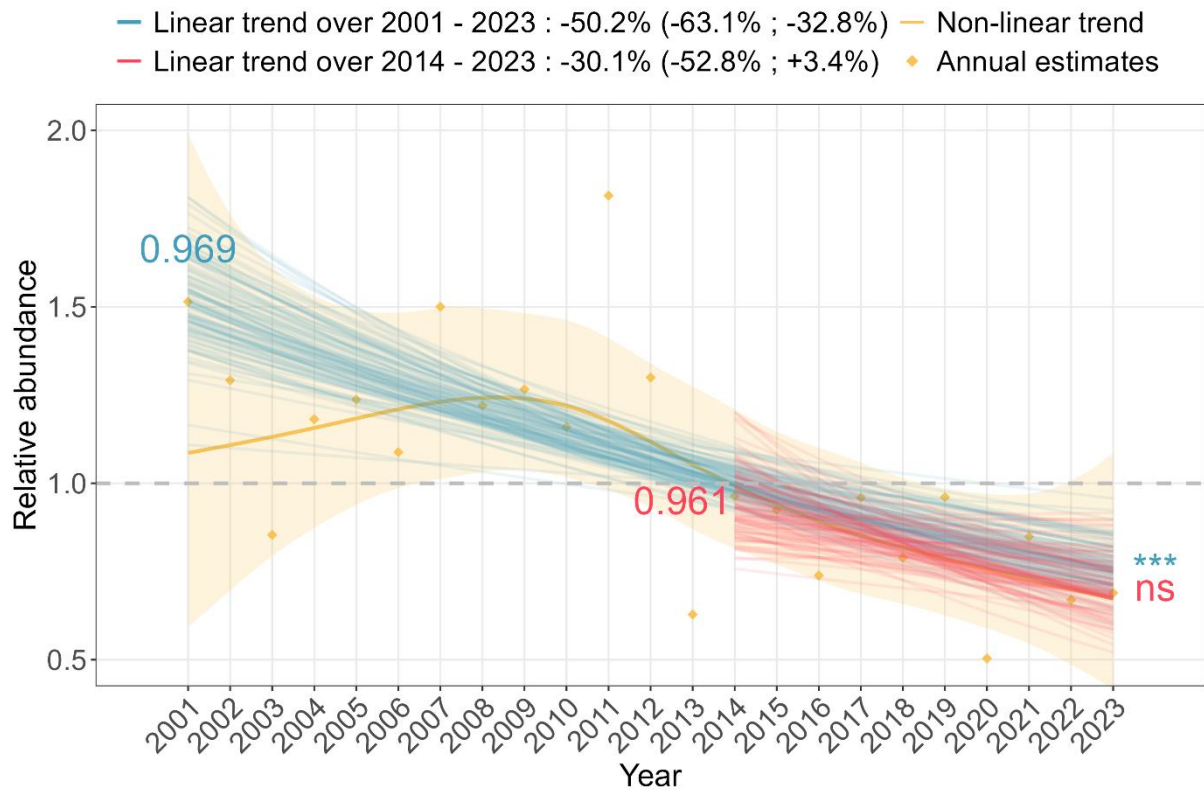
## Eurasian Nuthatch (*Sitta europaea*)



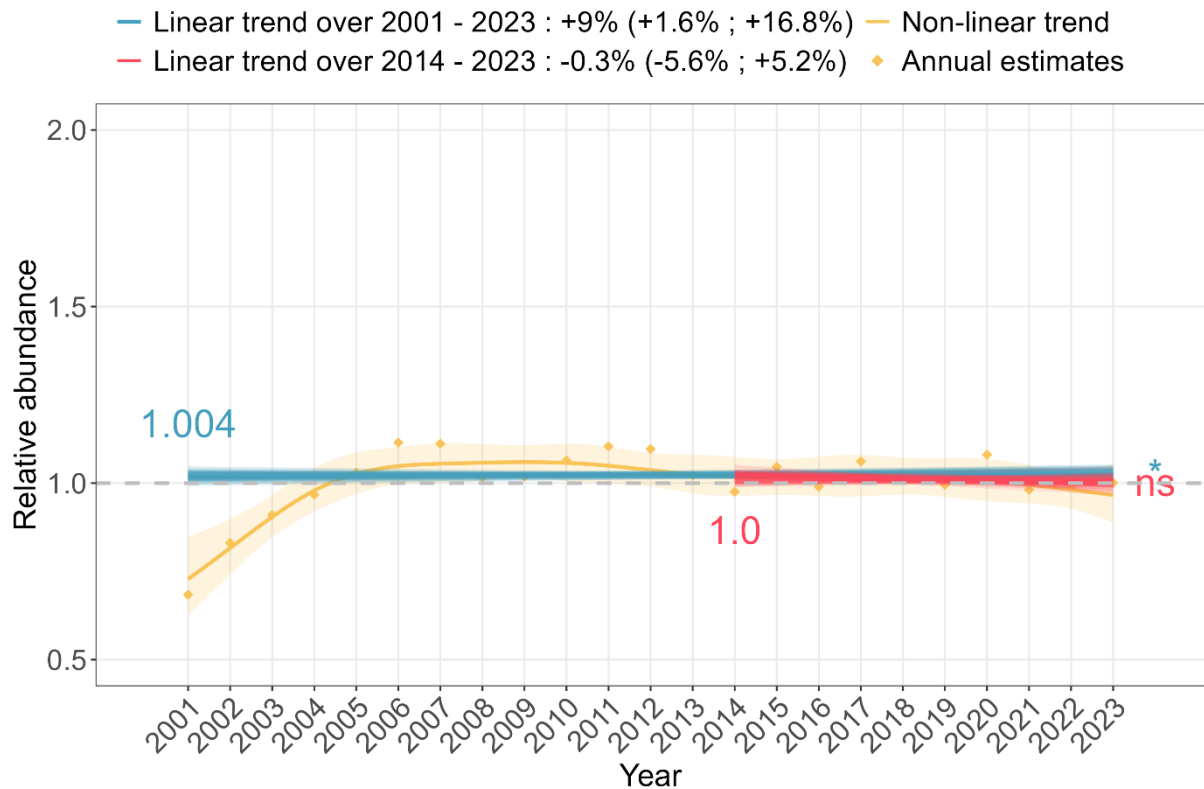
## Common Tern (*Sterna hirundo*)



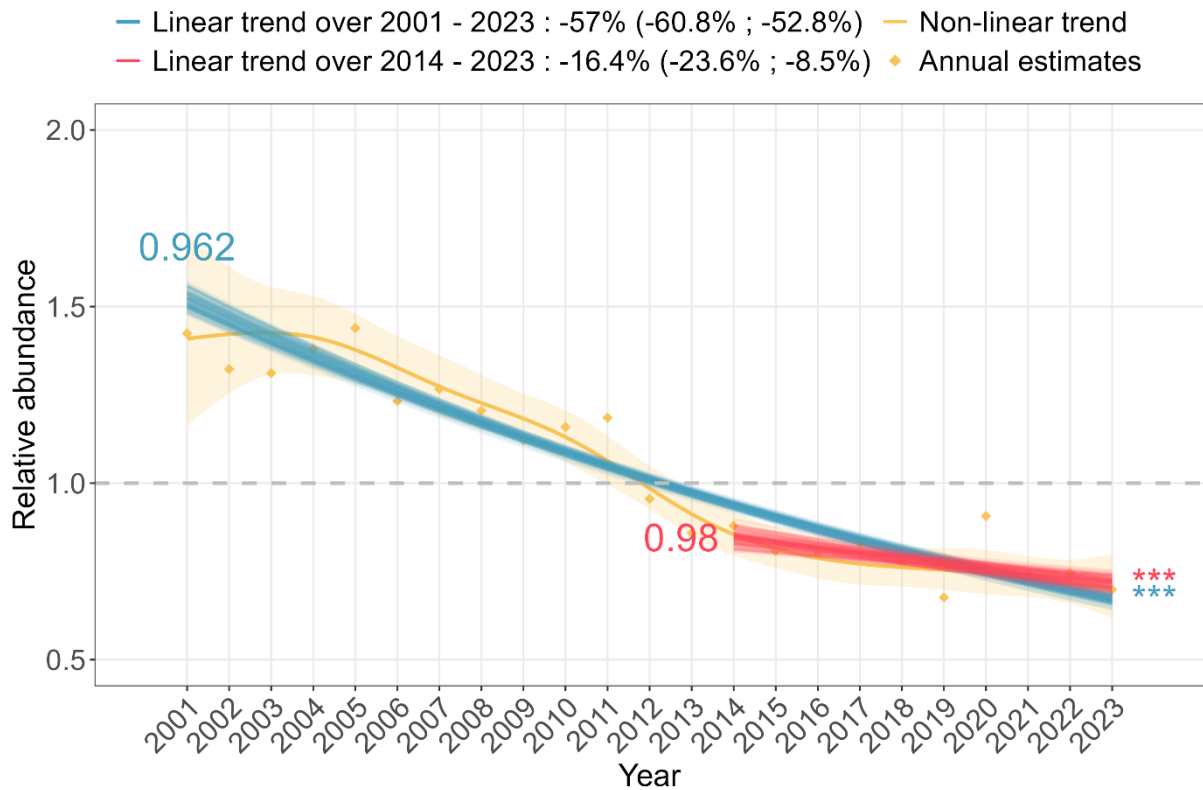
## Tawny Owl (*Strix aluco*)



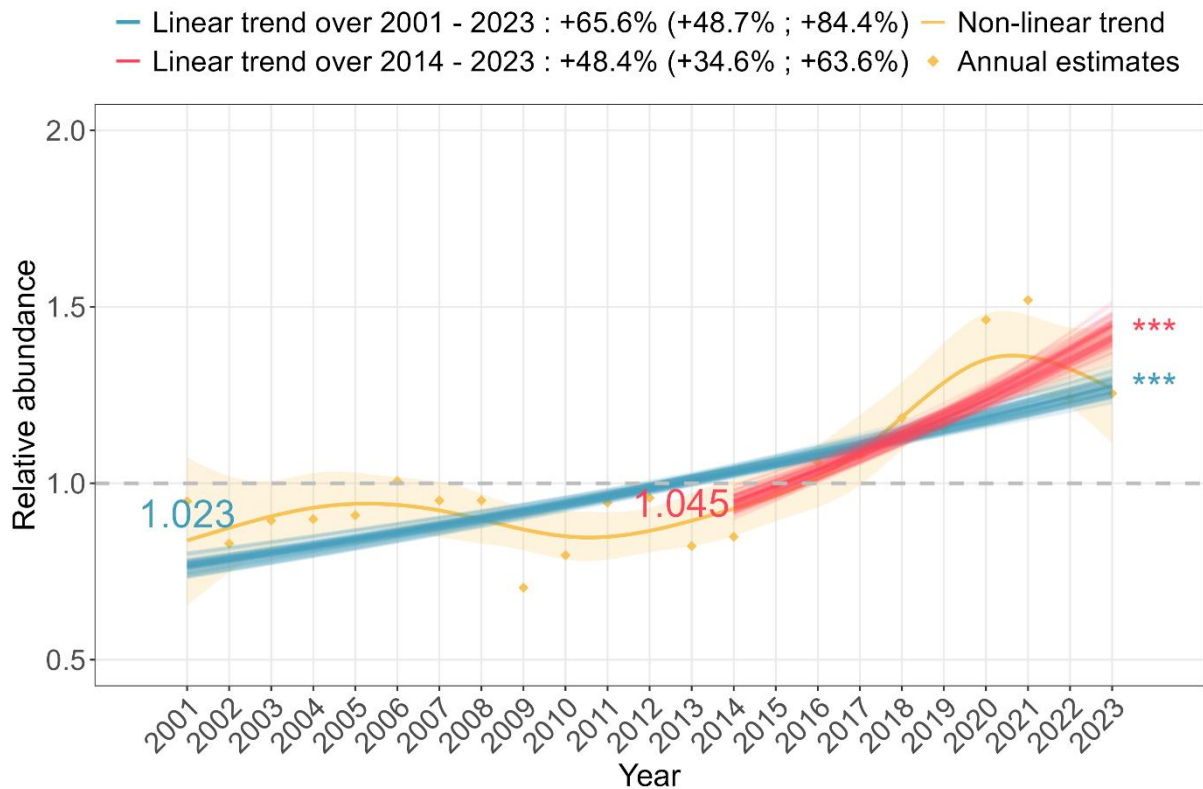
## Eurasian Collared-Dove (*Streptopelia decaocto*)



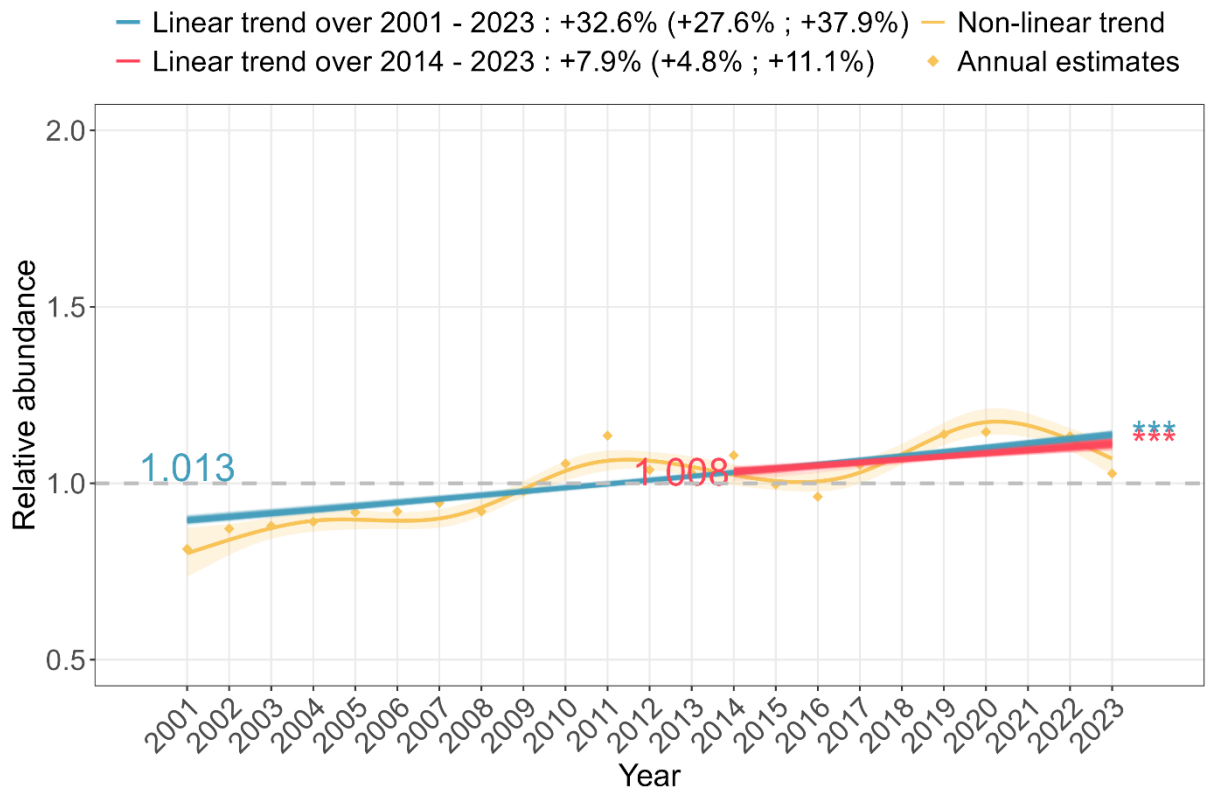
## European Turtle-Dove (*Streptopelia turtur*)



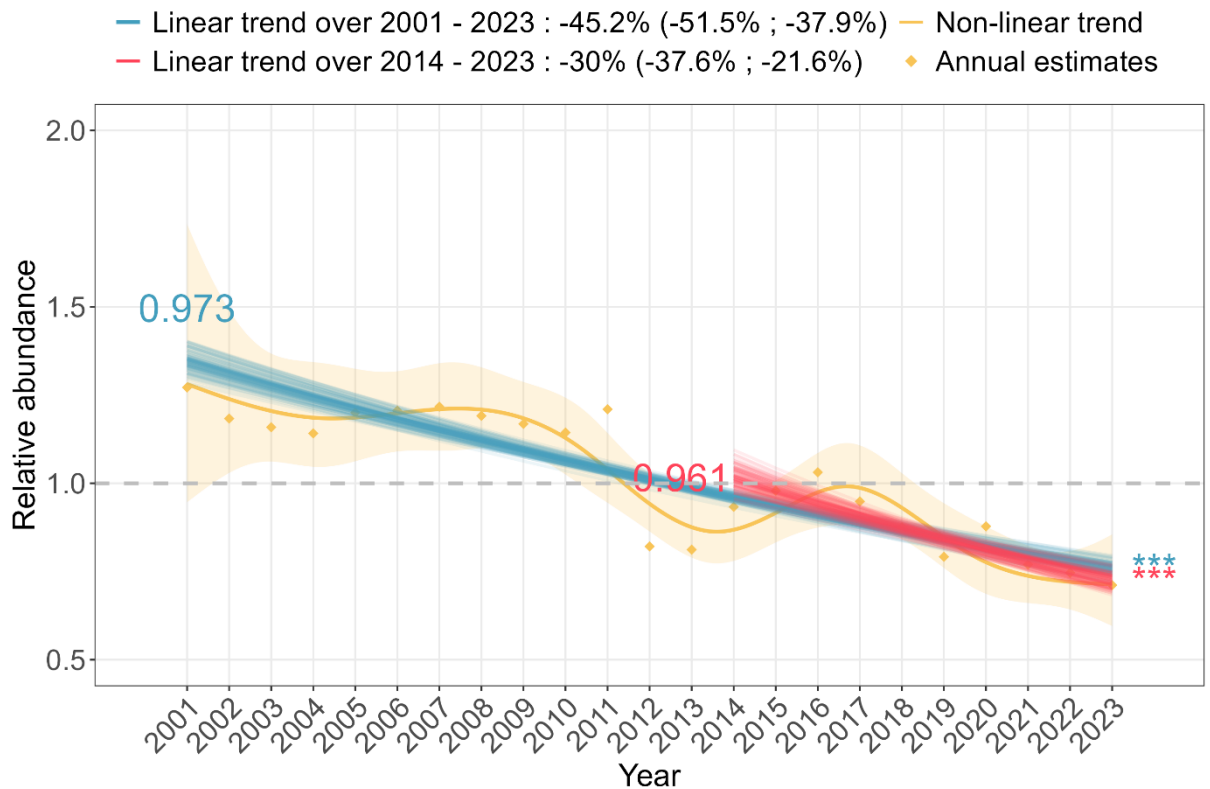
## European Starling (*Sturnus vulgaris*)



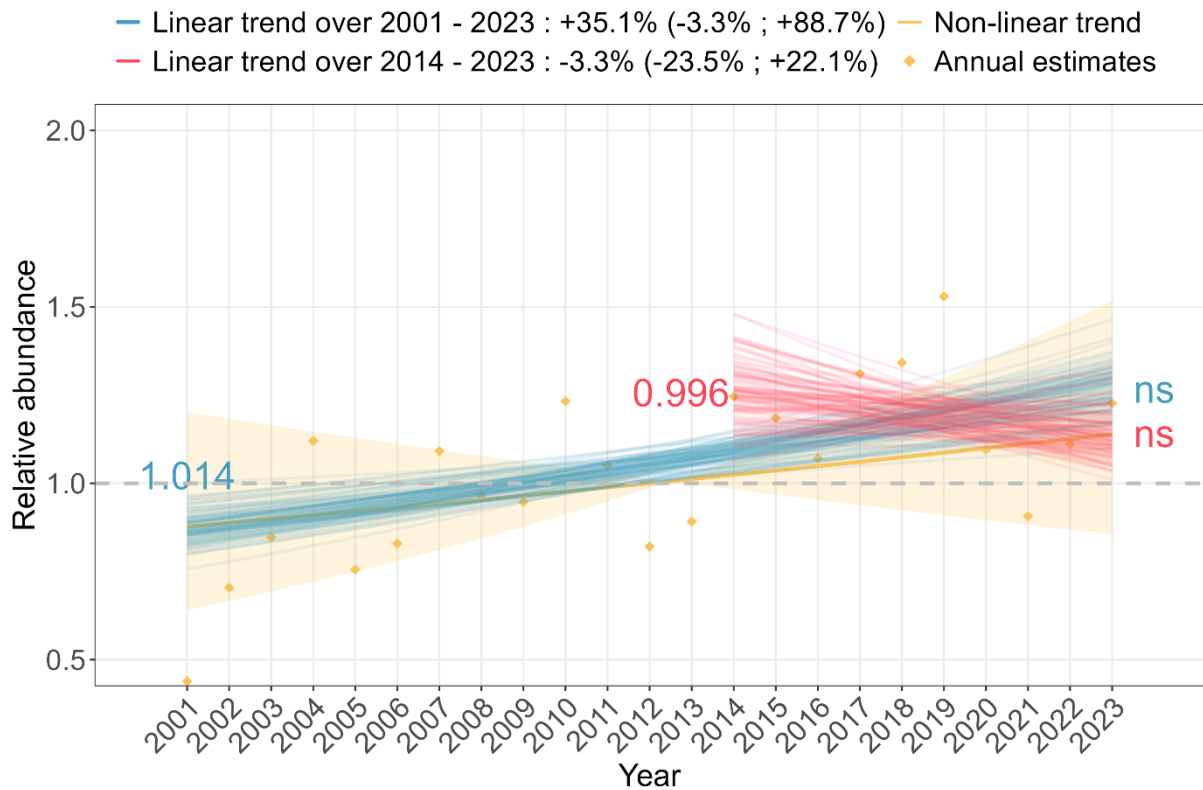
## Eurasian Blackcap (*Sylvia atricapilla*)



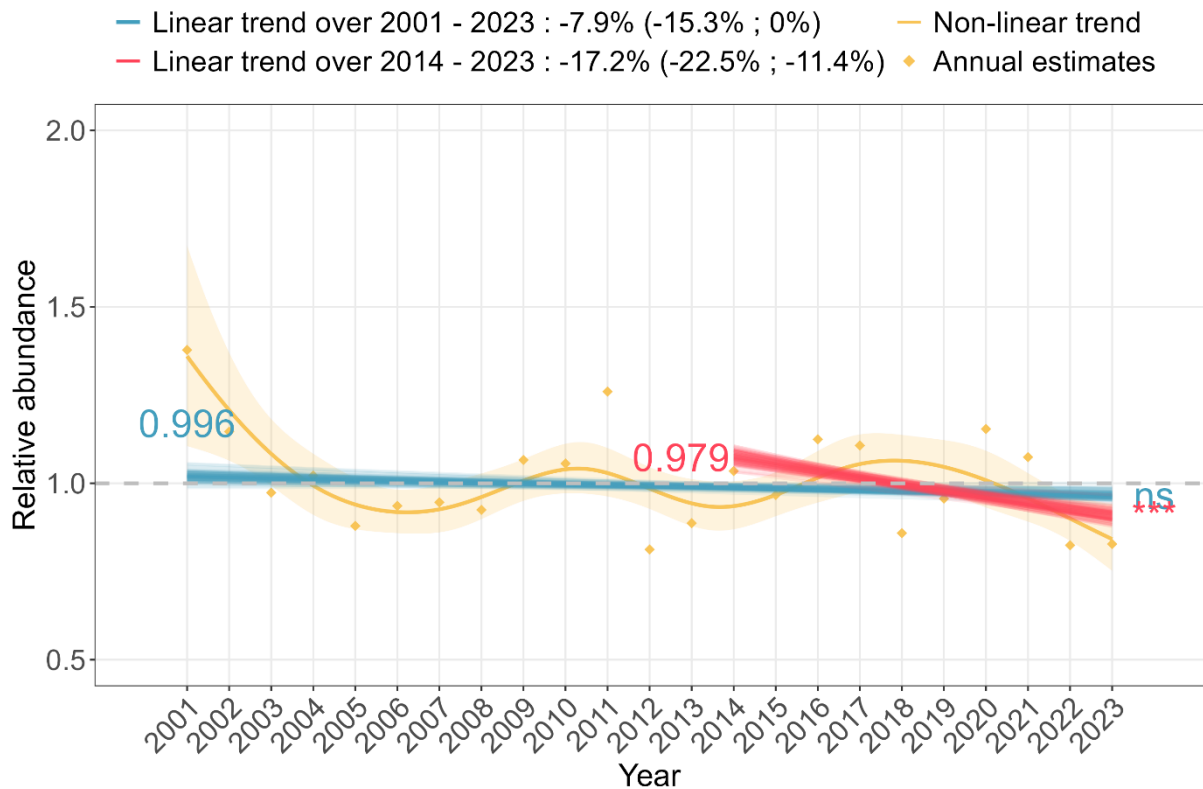
## Garden Warbler (*Sylvia borin*)



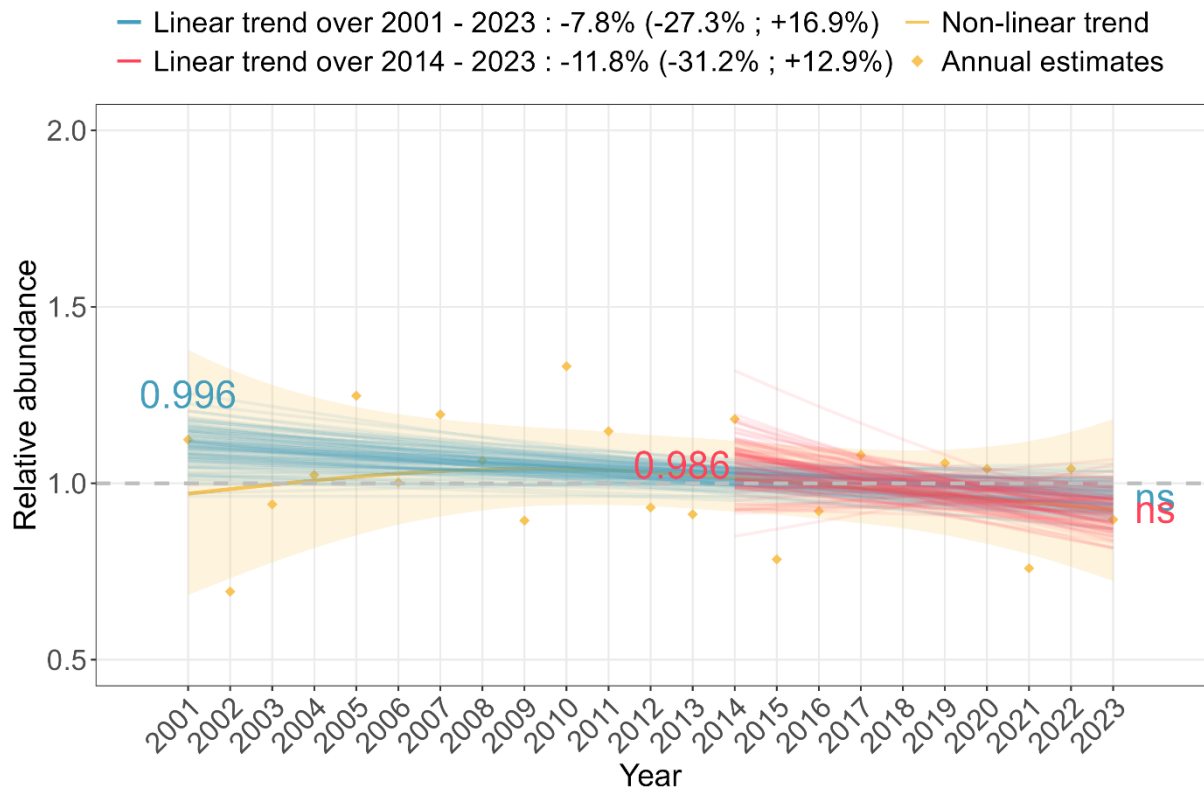
## Subalpine Warbler (*Sylvia cantillans*)



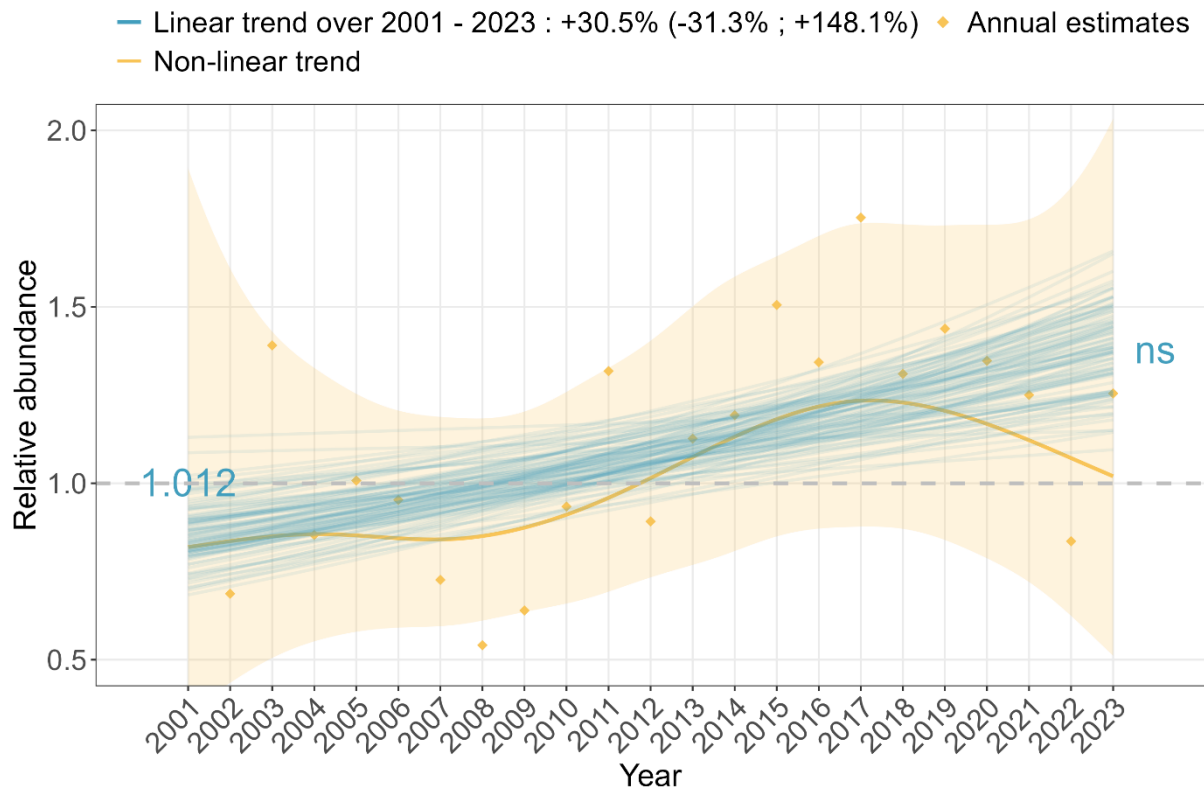
## Greater Whitethroat (*Sylvia communis*)



## Lesser Whitethroat (*Sylvia curruca*)

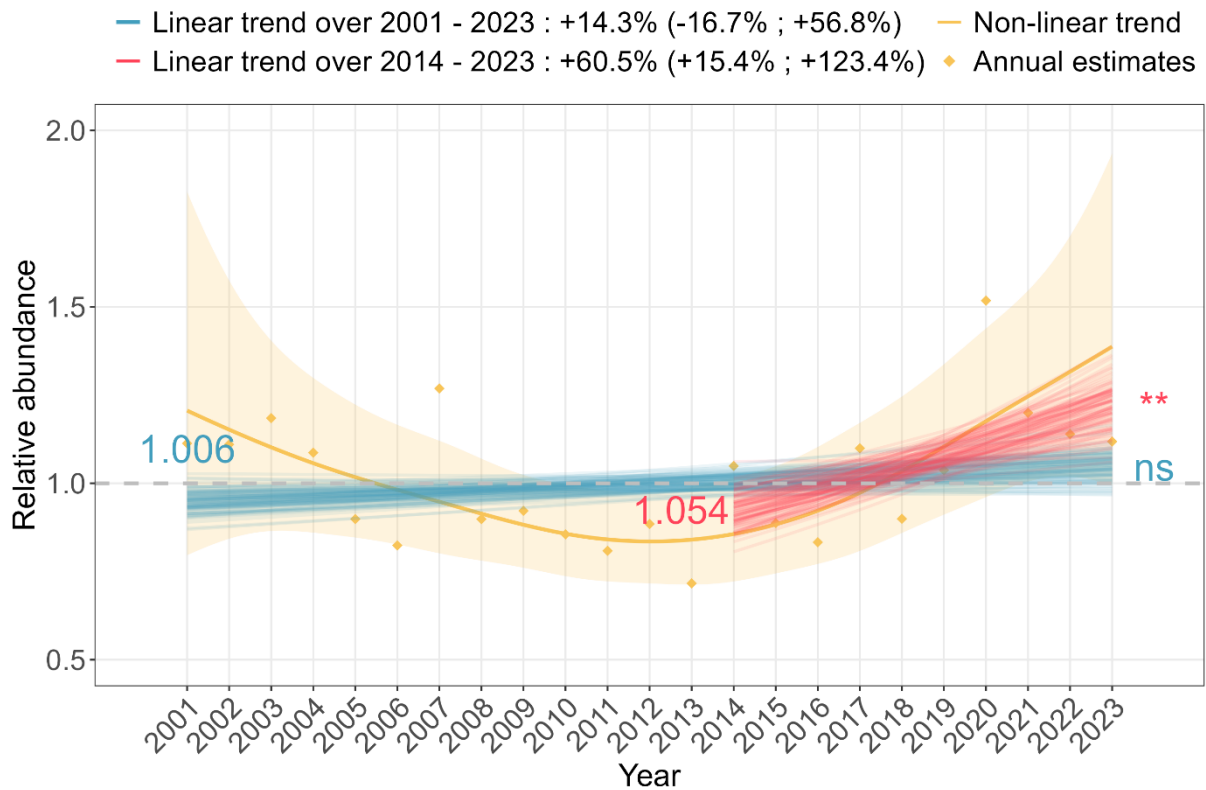


## Western Orphean Warbler (*Sylvia hortensis*)

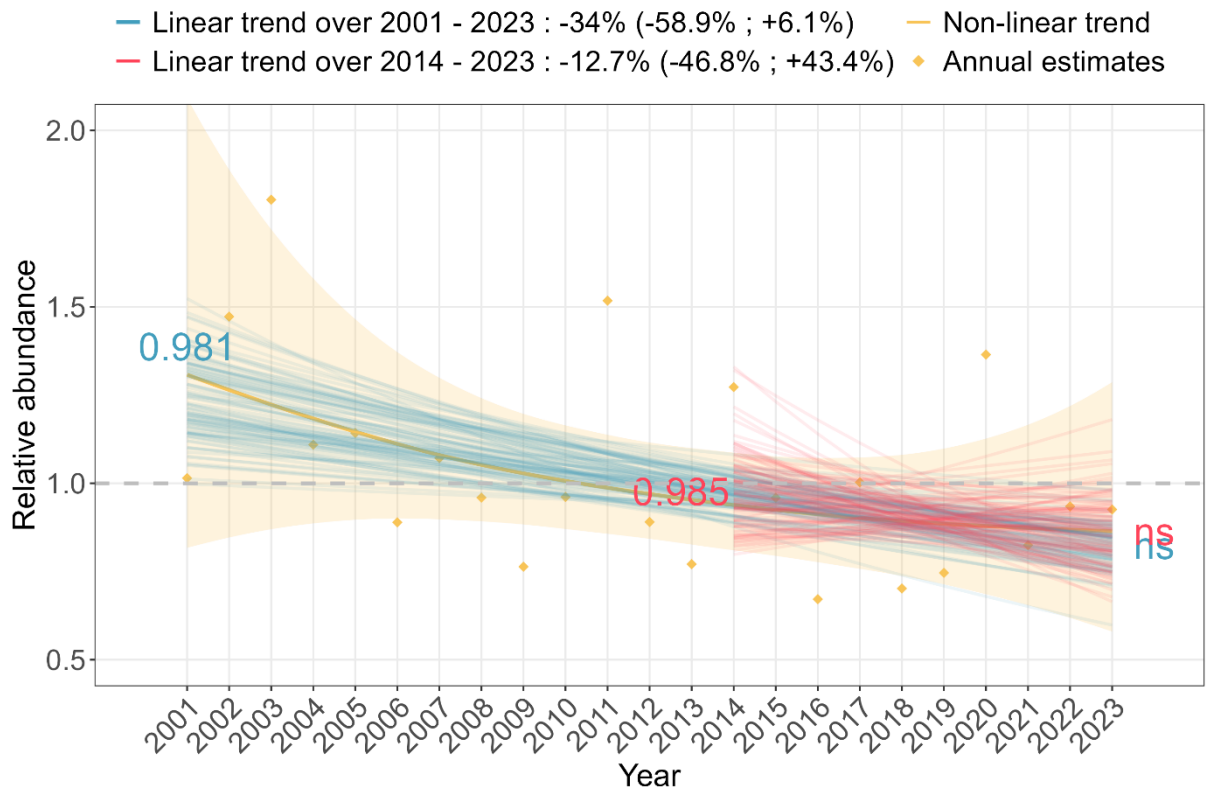




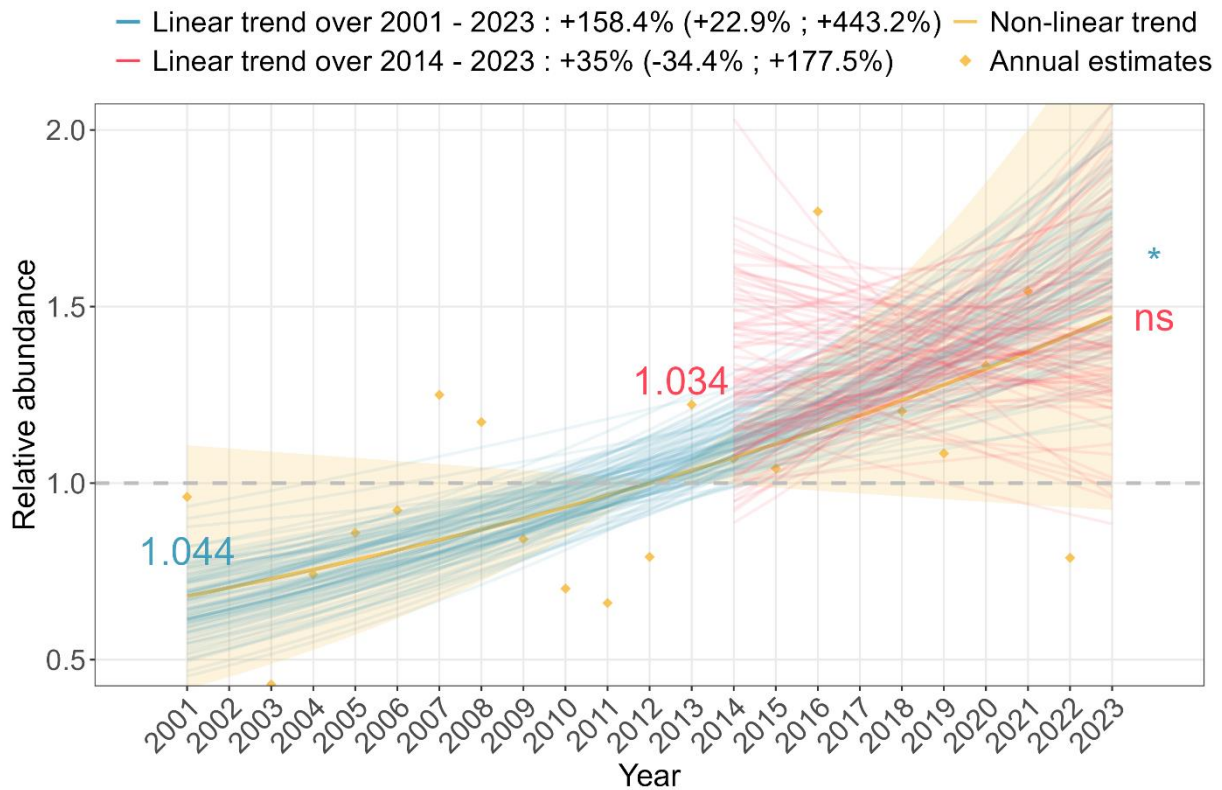
## Sardinian Warbler (*Sylvia melanocephala*)



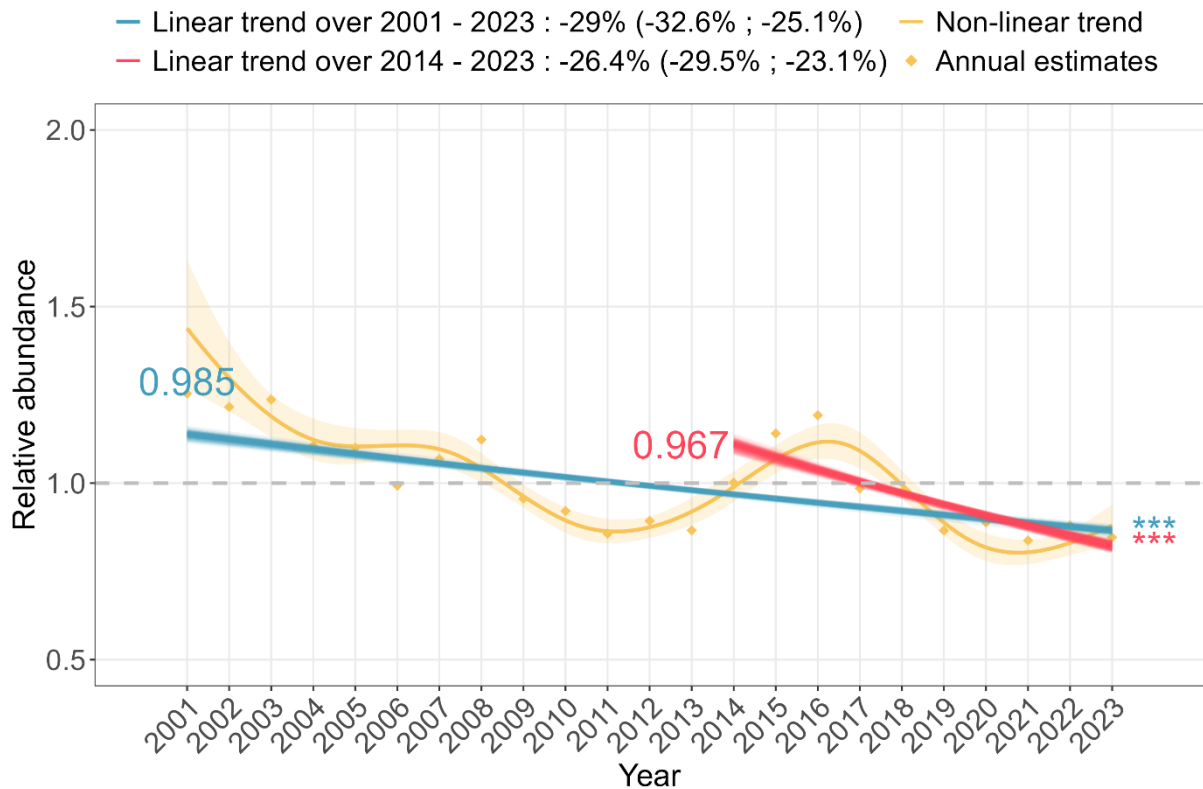
## Little Grebe (*Tachybaptus ruficollis*)



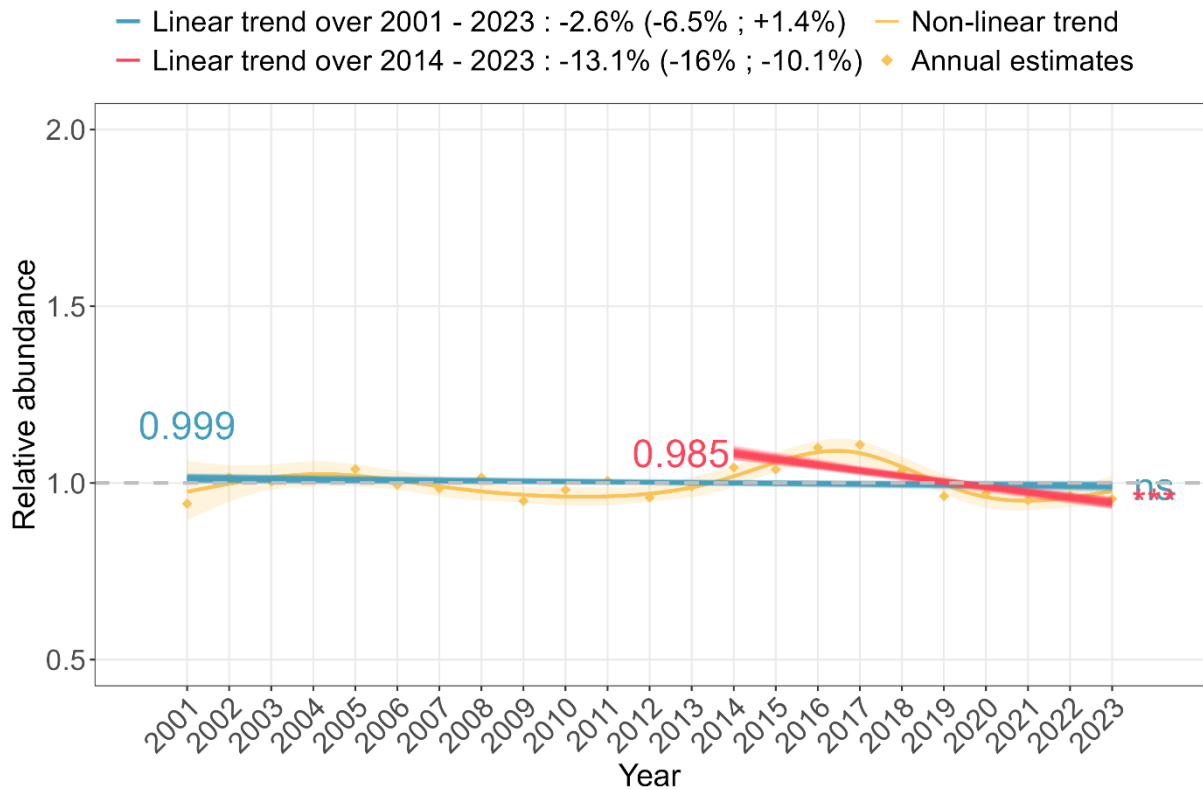
## Common Shelduck (*Tadorna tadorna*)



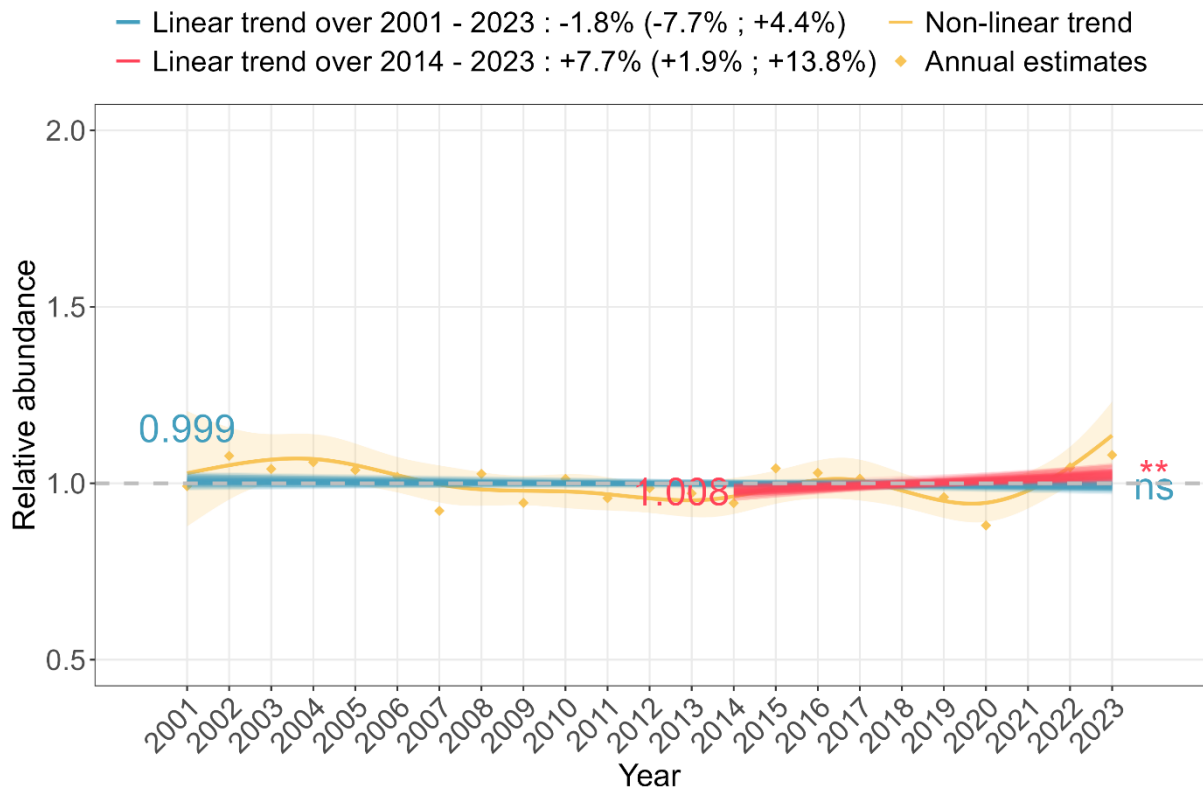
## Eurasian Wren (*Troglodytes troglodytes*)



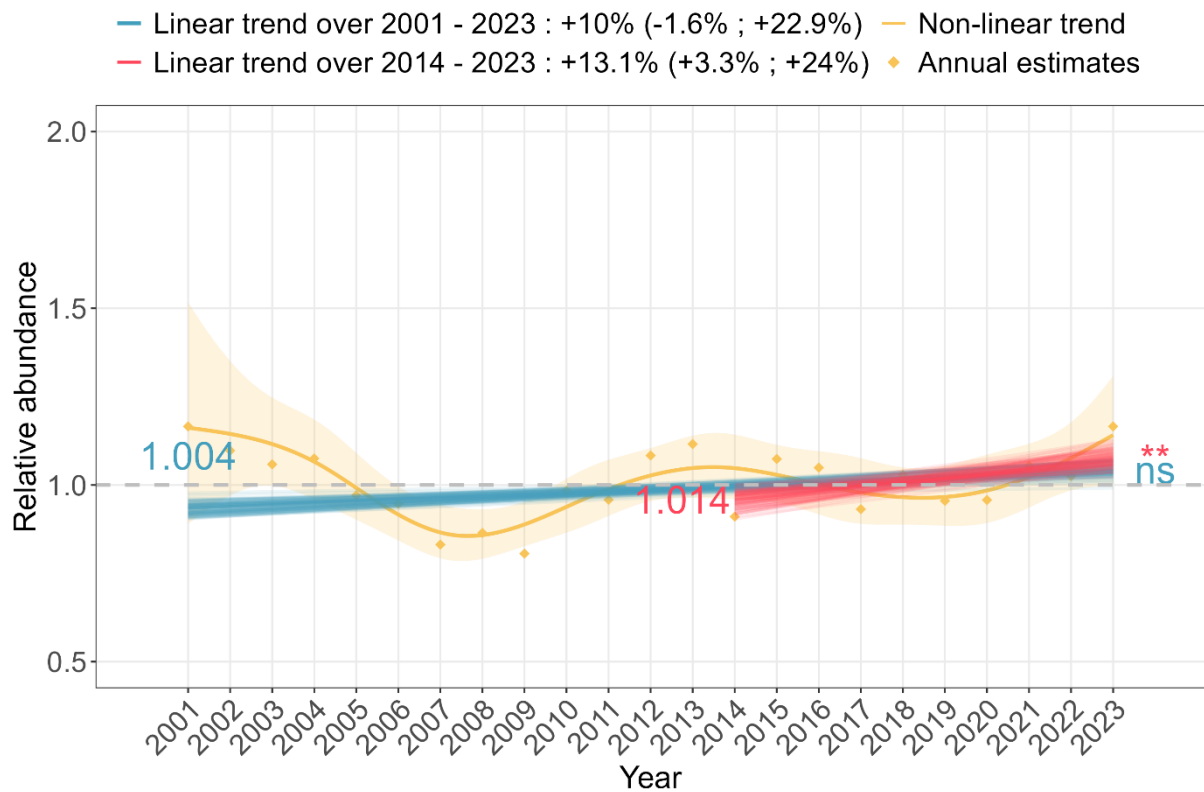
## Eurasian Blackbird (*Turdus merula*)



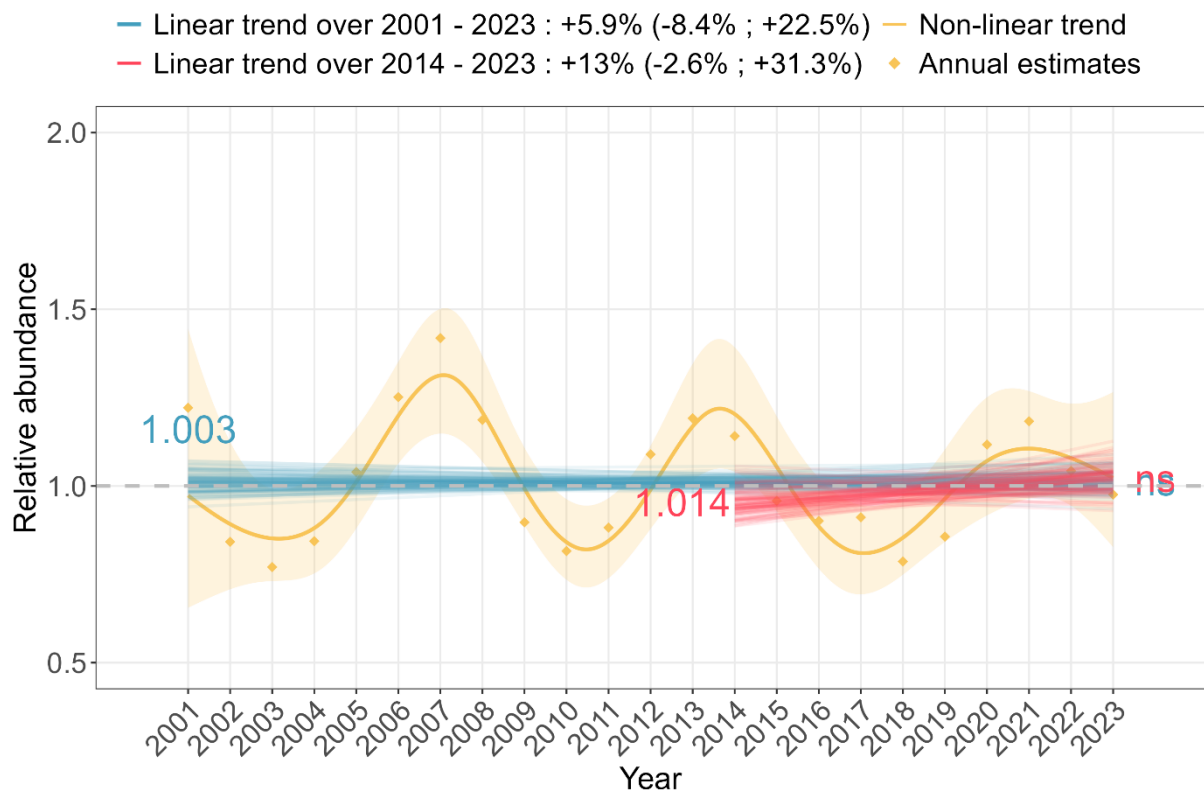
## Song Thrush (*Turdus philomelos*)



## Mistle Thrush (*Turdus viscivorus*)



## Eurasian Hoopoe (*Upupa epops*)



## Northern Lapwing (*Vanellus vanellus*)

