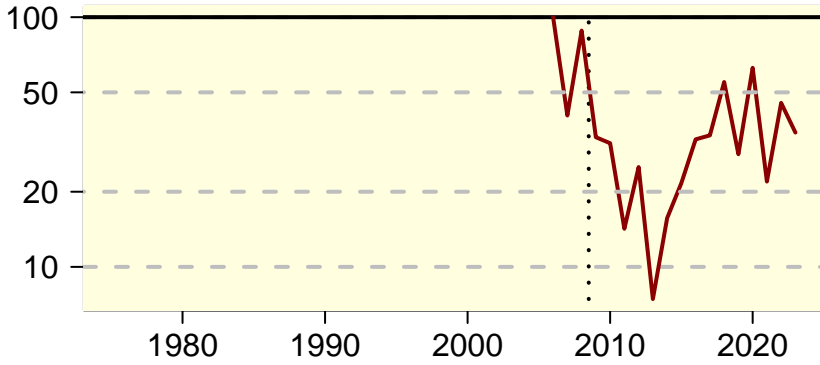
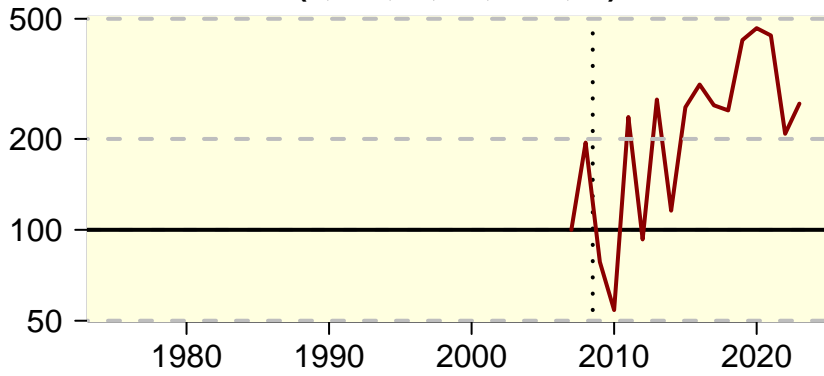


Mehiläishaukka *Pernis apivorus*
(4, -1.3, ns; 4, 5.2, ns)



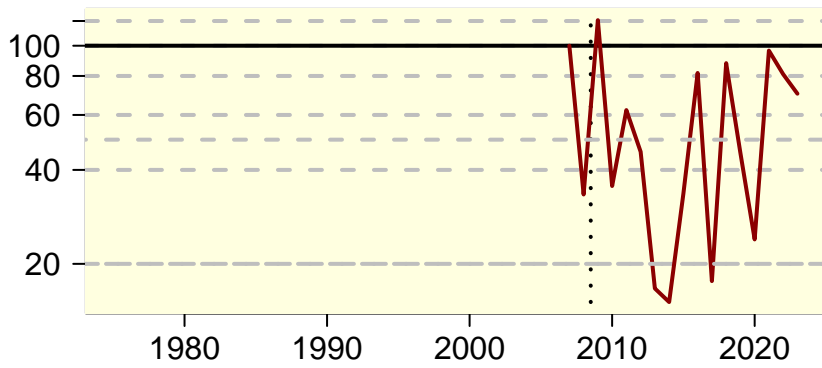
Merikotka *Haliaeetus albicilla*

(9, 8.7, **; 10, 12.8, **)



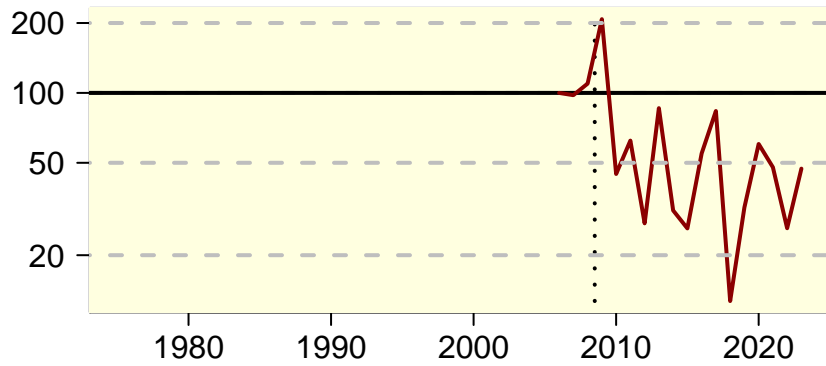
Ruskosuohaukka *Circus aeruginosus*

(3, 0.6, ns; 4, 2.8, ns)



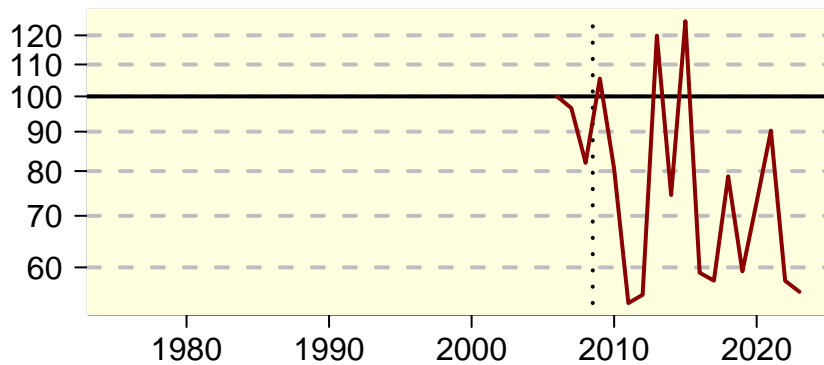
Sinisuohaukka *Circus cyaneus*

(4, -6.9, *; 4, -4.8, ns)

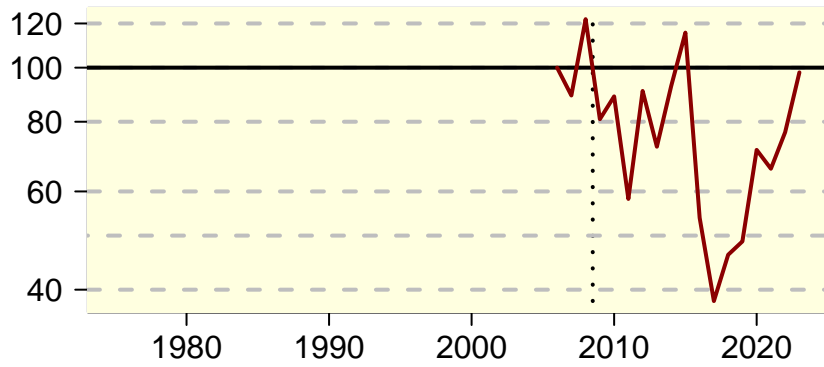


Kanahaukka *Accipiter gentilis*

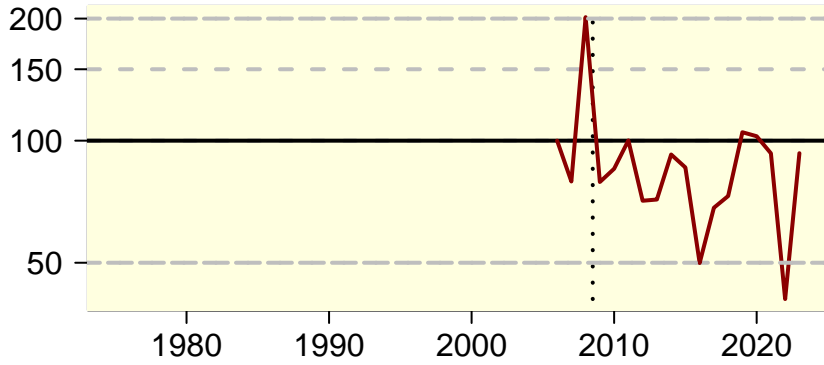
(11, -2.3, ns; 12, -2, ns)



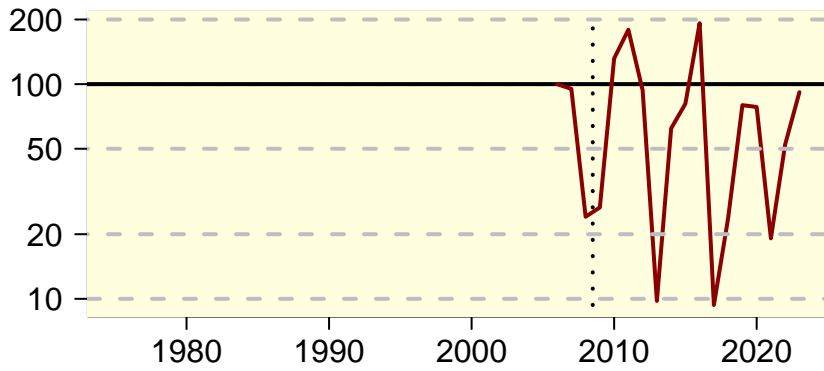
Varpushaukka *Accipiter nisus*
(11, -2.5, ns; 11, -1.8, ns)



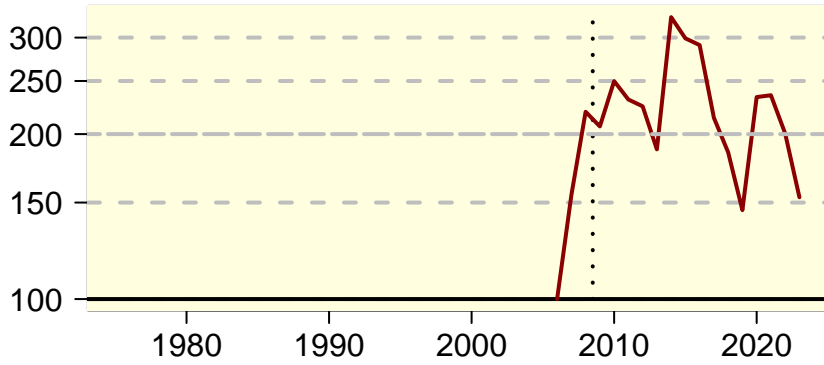
Hiirihaukka *Buteo buteo*
(10, -2.1, ns; 11, 0.5, ns)



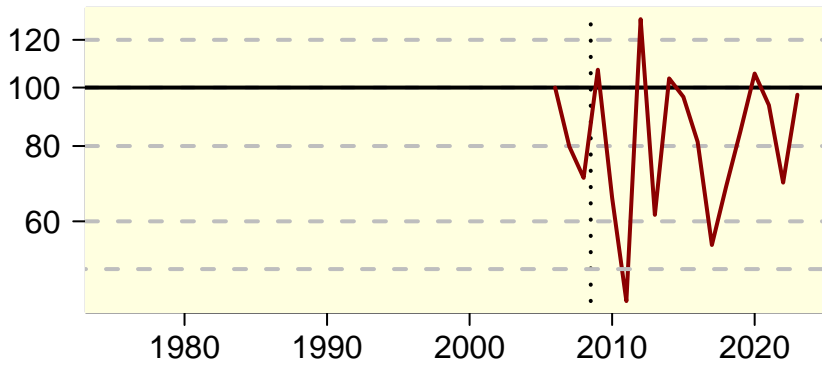
Piekana *Buteo lagopus*
(8, -2.3, ns; 9, -2.2, ns)



Sääksi Pandion haliaetus (10, 0.8, ns; 11, -1.8, ns)

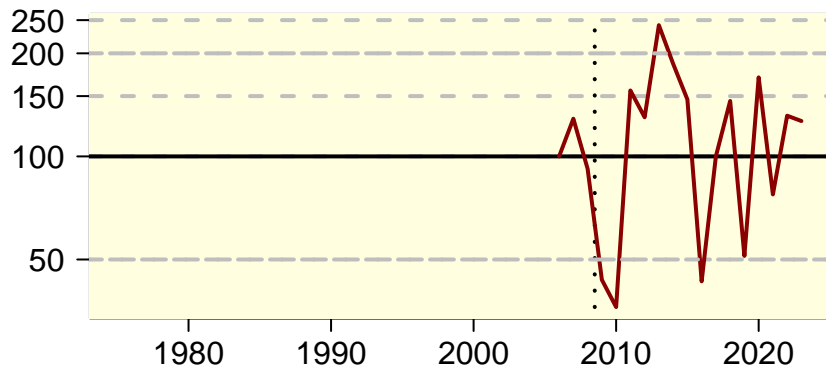


Tuulihaukka *Falco tinnunculus*
(26, 0.3, ns; 29, 1, ns)

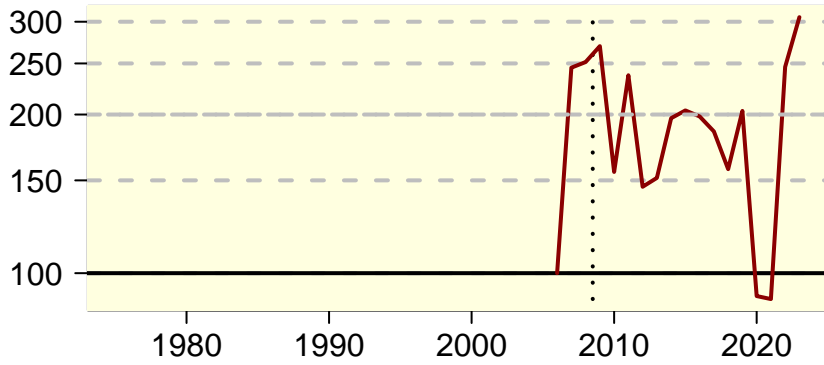


Ampuhaukka *Falco columbarius*

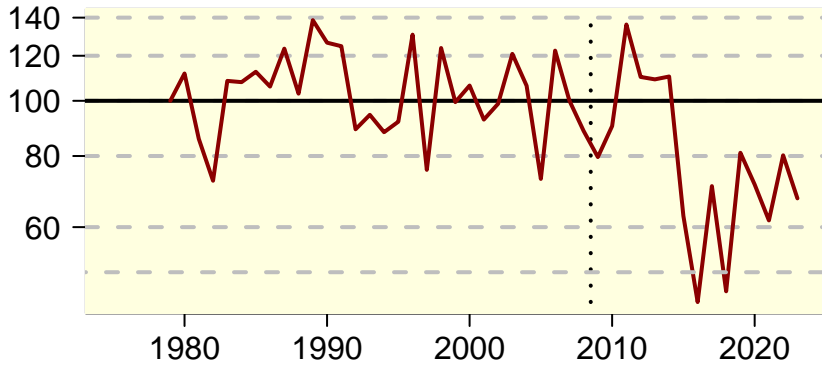
(6, 1.3, ns; 6, 2.4, ns)



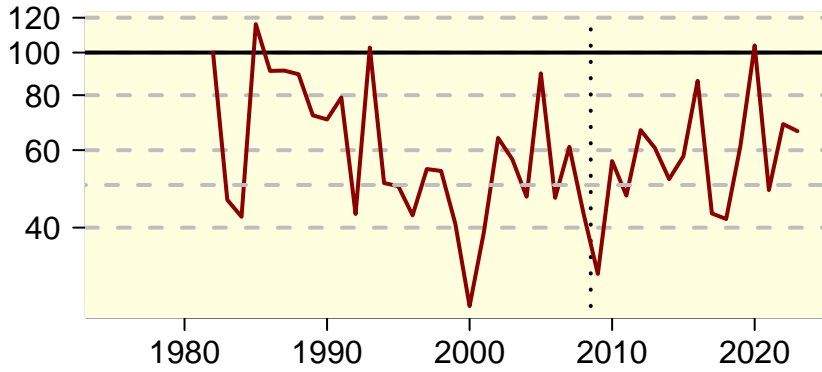
Nuolihaukka *Falco subbuteo*
(10, -0.5, ns; 11, -2, ns)



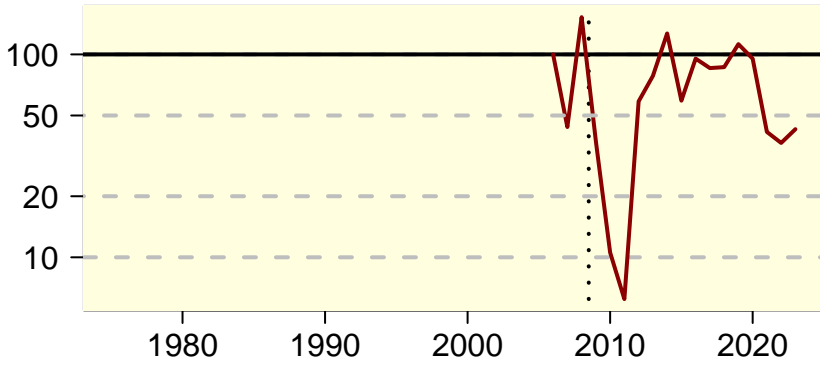
Pyö Bonasa bonasia
(66, -1, *; 113, -3.7, **)



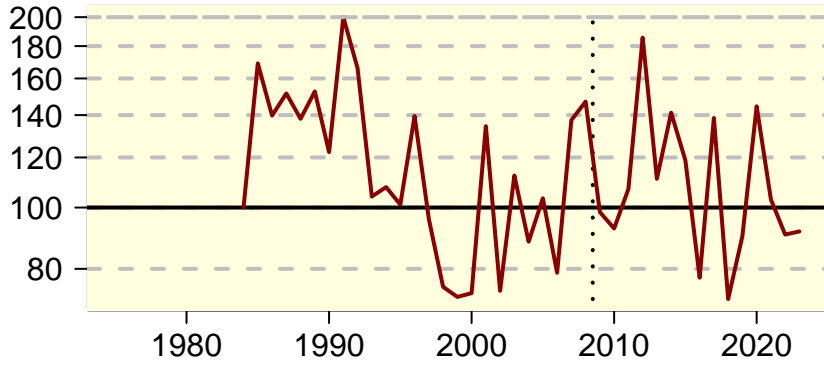
Riekkö *Lagopus lagopus*
(33, -0.5, ns; 59, 2.6, ns)



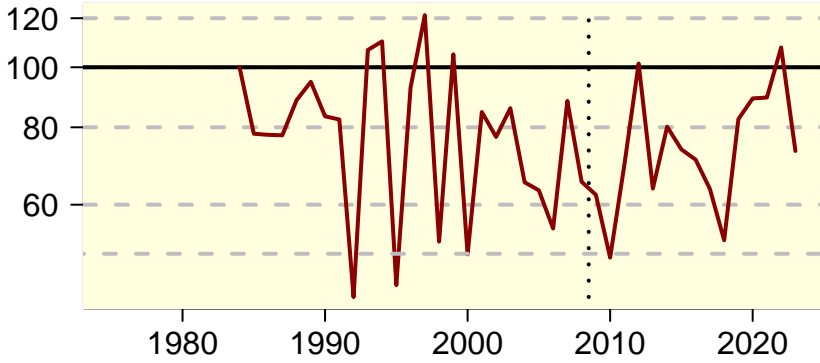
Kiiruna *Lagopus muta*
(10, 1.8, ns; 11, 13.5, ns)



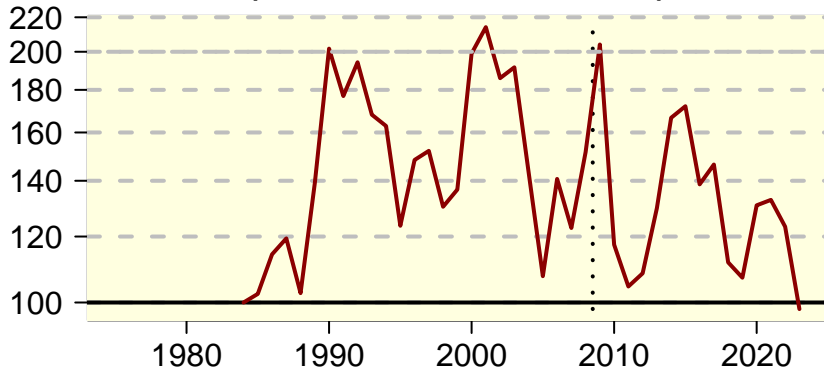
Teeri Tetrao tetrix
(230, -0.7, *; 359, -1.4, *)



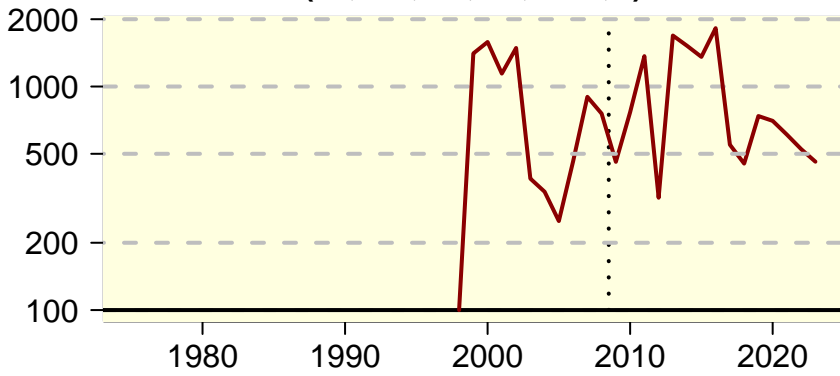
Metso Tetrao urogallus
(44, -0.3, ns; 89, 2, *)



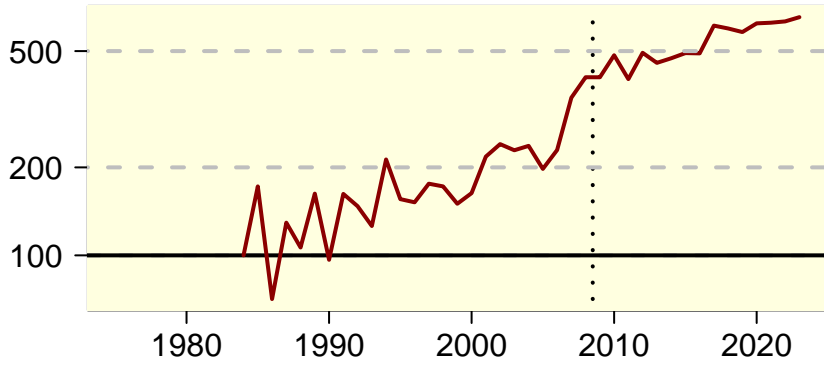
Fasaani Phasianus colchicus
(131, -0.2, ns; 172, -0.8, ns)



Ruisräikkä *Crex crex*
(27, 0.7, ns; 40, -3.5, *)

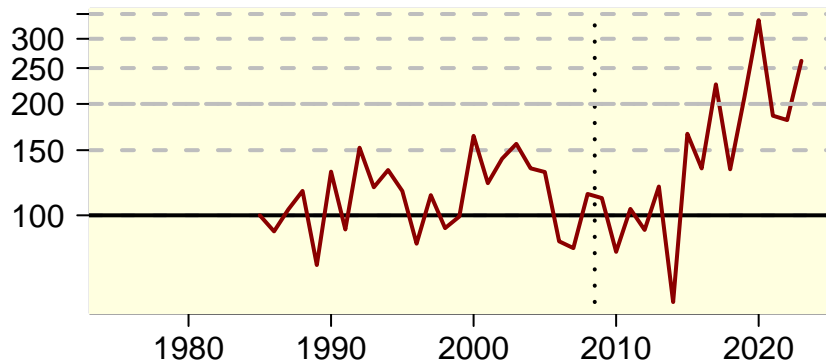


Kurki Grus grus
(224, 5.2, **; 488, 3.4, **)

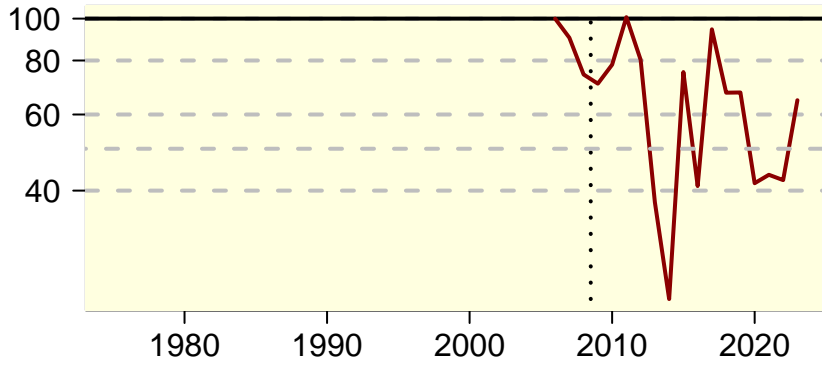


Meriharakka *Haematopus ostralegus*

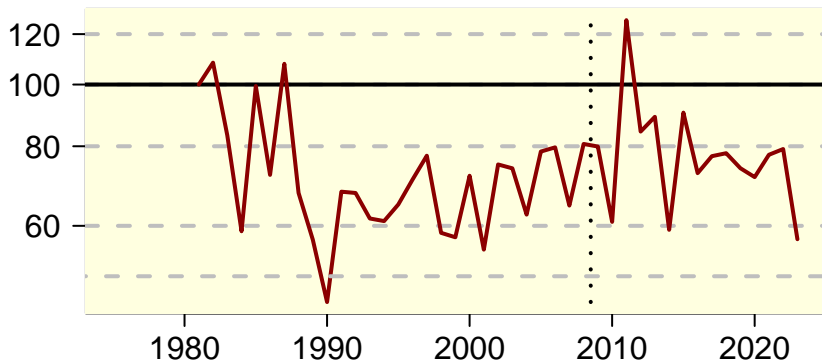
(23, 1.5, *, 32, 7.6, **)



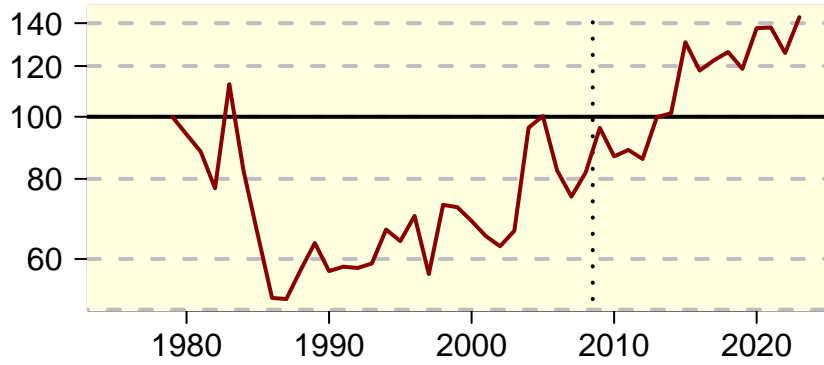
Pikkutylli Charadrius dubius
(7, -3.4, ns; 7, -2.3, ns)



Kapustarinta Pluvialis apricaria
(157, 0, ns; 272, -1.6, *)

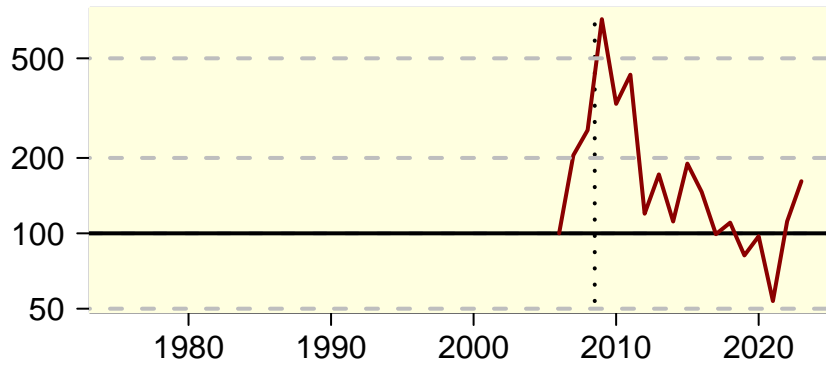


Töyhtöhyppä *Vanellus vanellus* (342, 1.5, **; 693, 3, **)

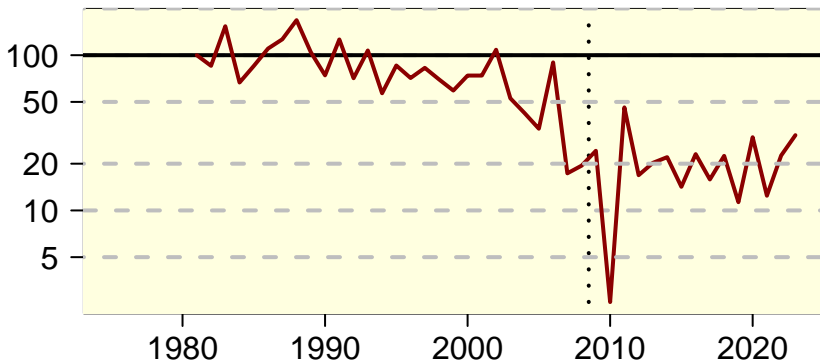


Jänkäsirriäinen *Calidris falcinellus*

(21, -6.8, **; 22, -11.3, **)

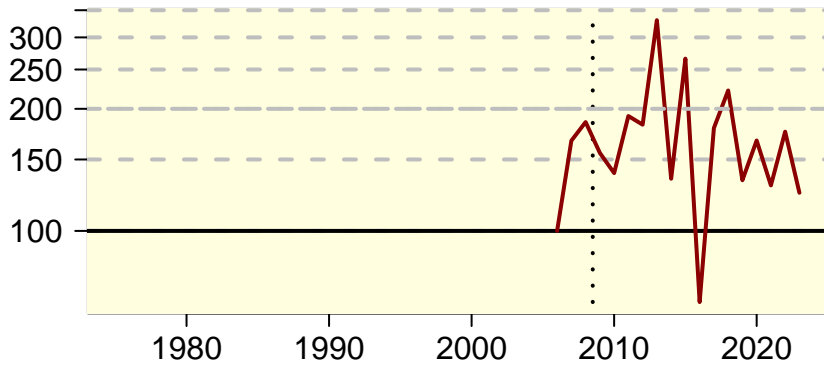


Suokukko *Calidris pugnax*
(25, -5.5, **; 13, 1.2, ns)



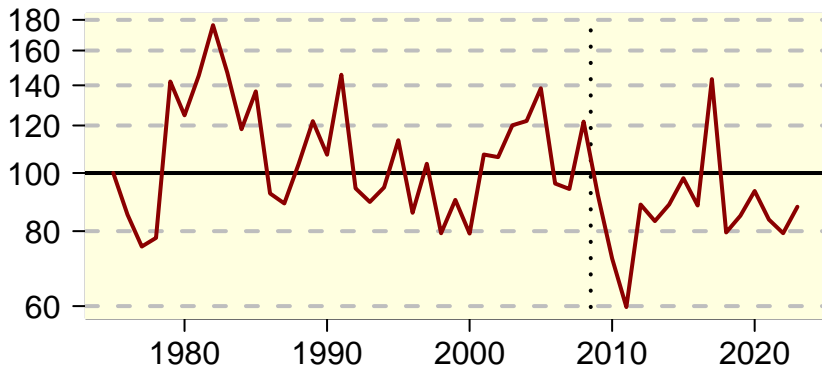
Jänkäkurppa *Lymnocryptes minimus*

(27, -0.3, ns; 31, -2.5, ns)



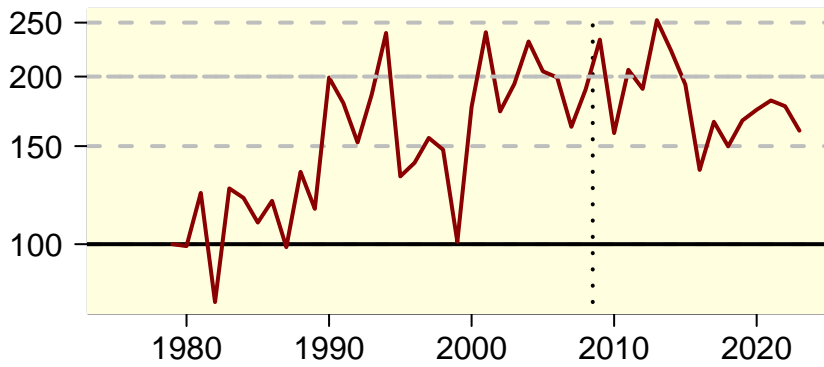
Taivaanvuohi *Gallinago gallinago*

(220, -0.6, ns; 370, 0.7, ns)

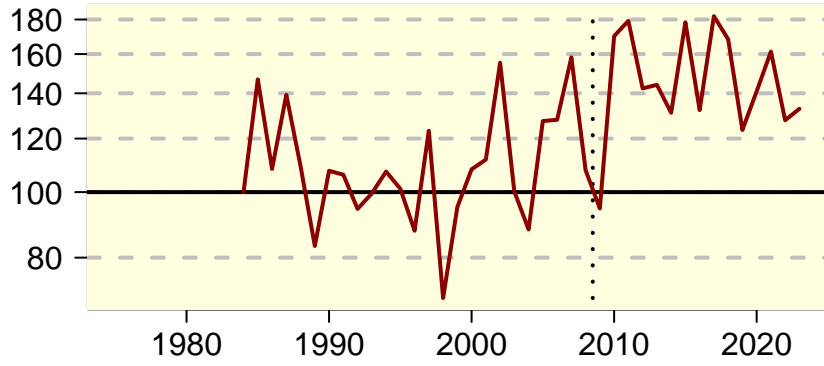


Lehtokurppa *Scolopax rusticola*

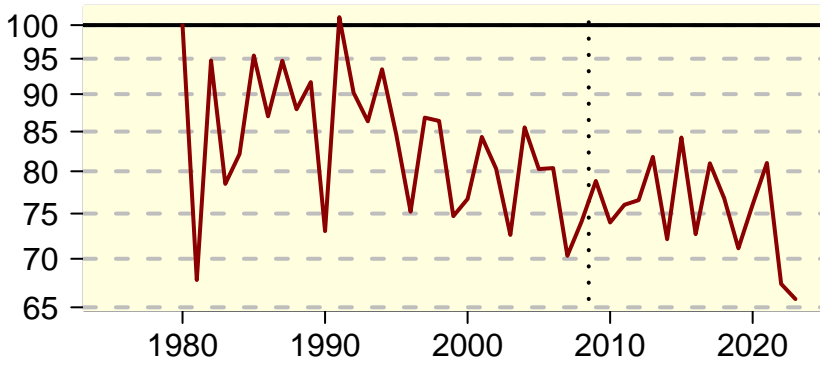
(39, 1.3, *; 76, -1.9, *)



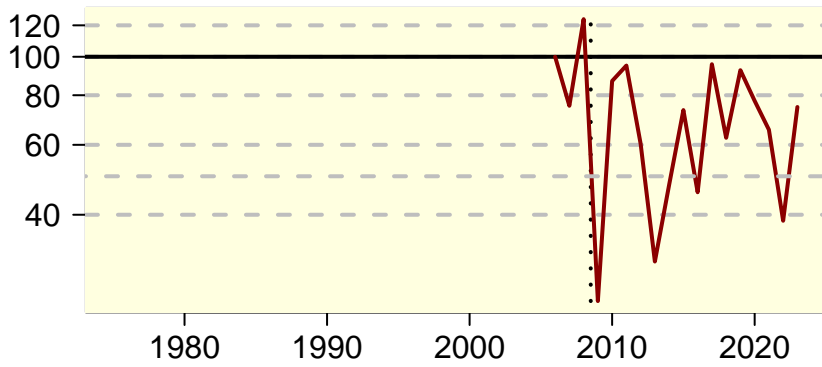
Pikkukuovi *Numenius phaeopus*
(118, 1.1, *; 155, 0.5, ns)



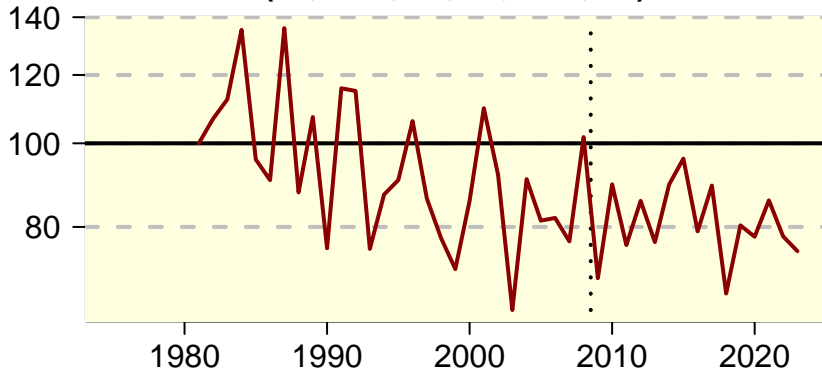
Kuovi *Numenius arquata*
(379, -0.5, *; 612, -0.8, *)



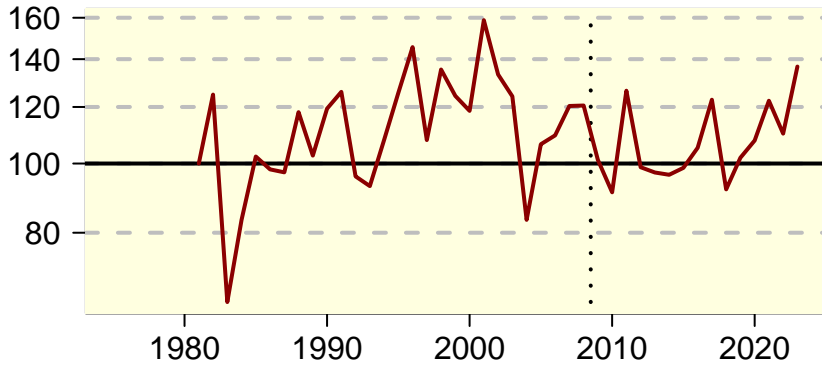
Mustaviklo *Tringa erythropus*
(23, -0.9, ns; 24, 2.5, ns)



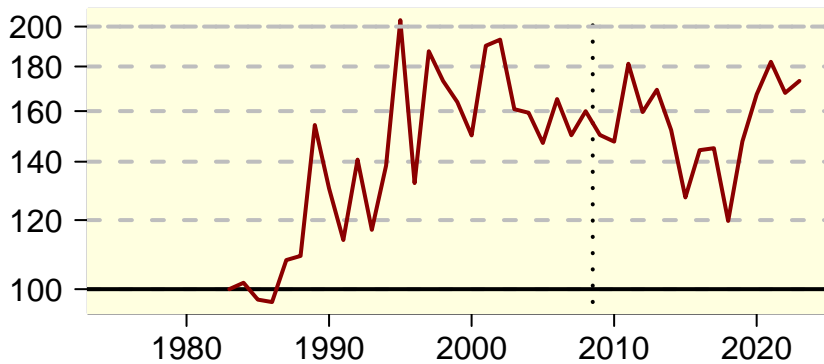
Punajalkaviklo *Tringa totanus*
(50, -0.8, ns; 44, -1.4, ns)



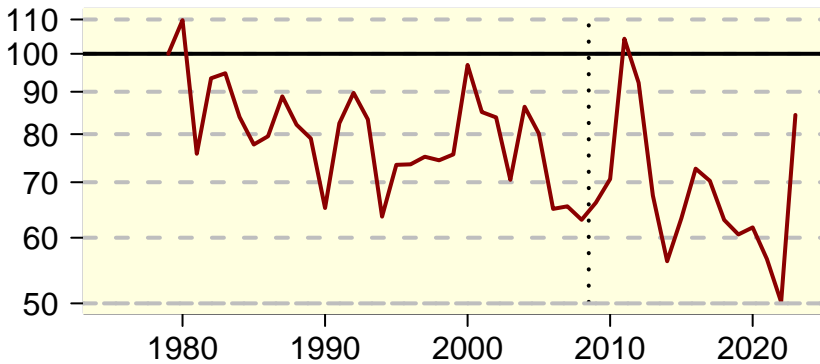
Valkoviklo *Tringa nebularia*
(126, 0.2, ns; 221, 1.4, *)



Metsäviklo *Tringa ochropus*
(226, 0.9, **; 433, 0.5, ns)

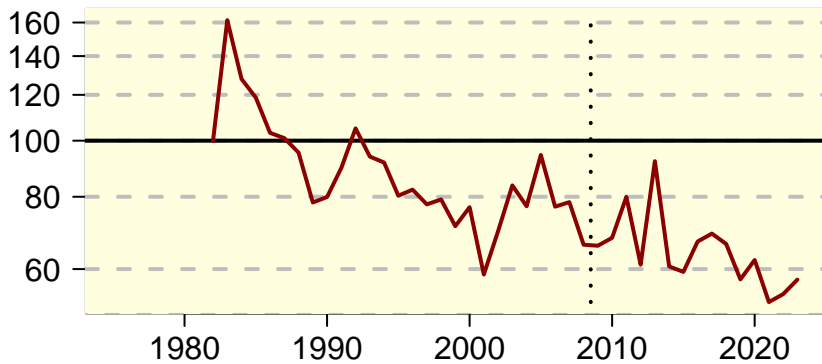


Liro *Tringa glareola*
(350, -0.8, **; 642, -1.8, **)

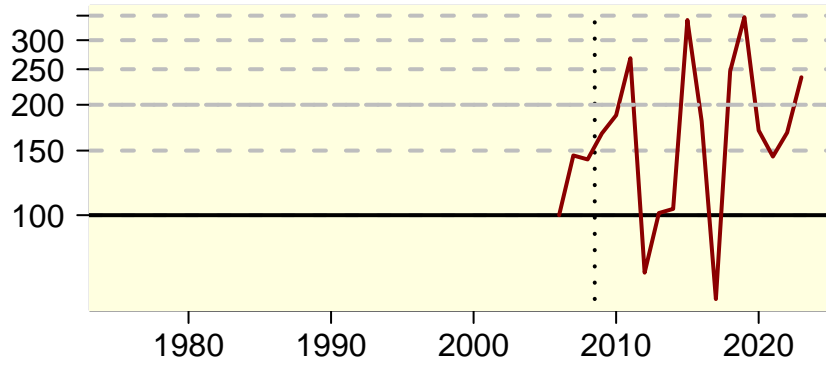


Rantasipi *Actitis hypoleucos*

(51, -1.6, **; 58, -2.1, *)

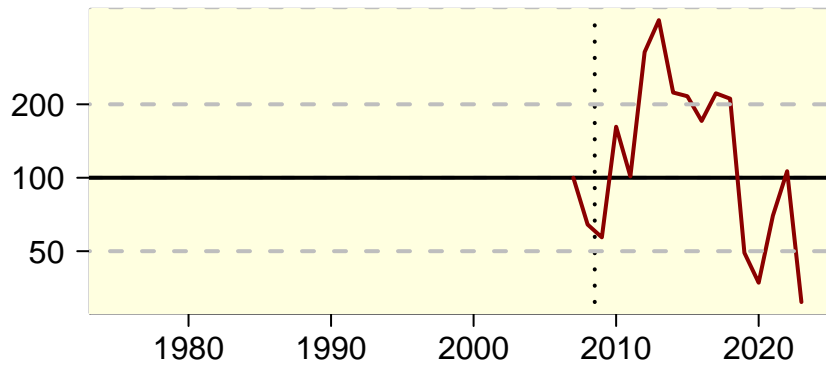


Tunturikihu *Stercorarius longicaudus*
(19, 2.5, ns; 23, 2.6, ns)



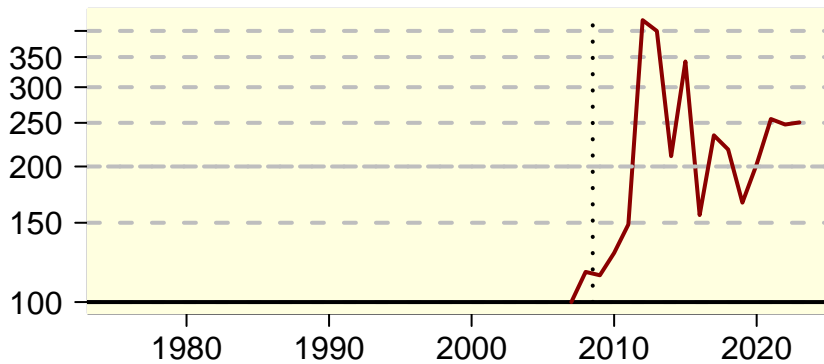
Pikkulokki *Hydrocoloeus minutus*

(62, -4.4, ns; 72, -8.6, **)

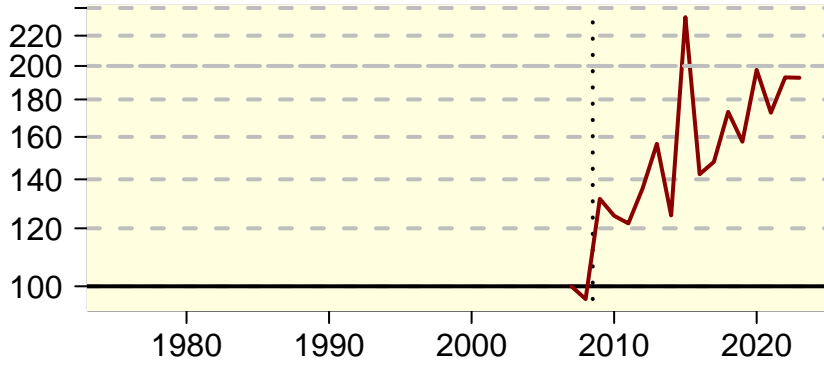


Naurulokki *Chroicocephalus ridibundus*

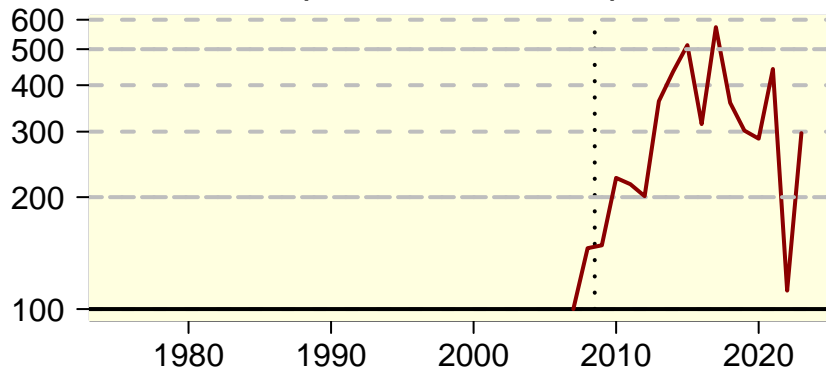
(649, 4.1, **; 744, 2.6, **)



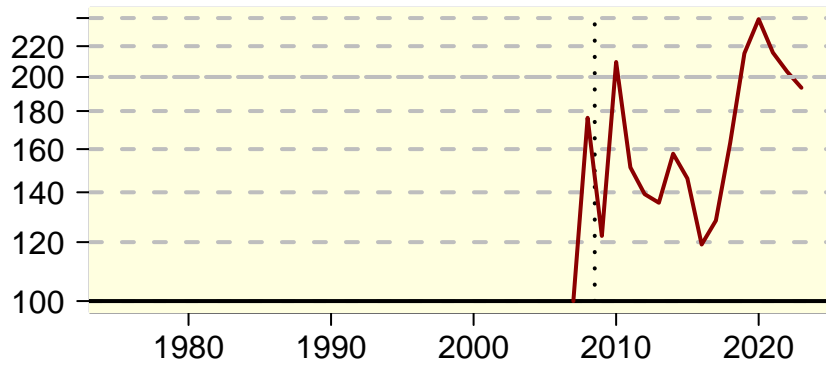
Kalalokki Larus canus
(773, 3.9, **; 887, 3.1, **)



Selkälökki *Larus fuscus*
(24, 4.5, *; 28, 1.2, ns)

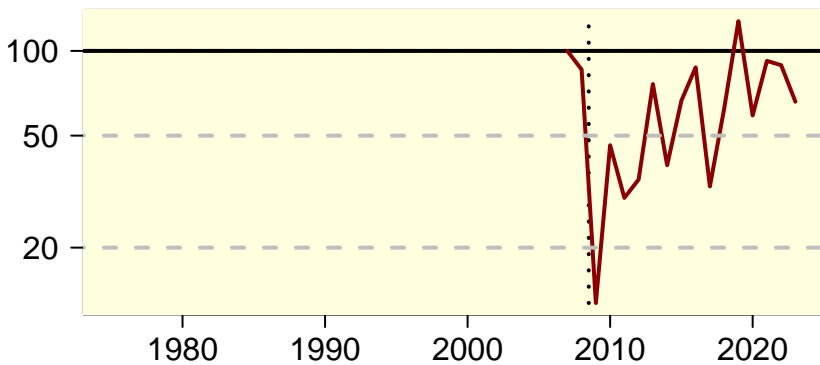


Harmaalokki *Larus argentatus*
(124, 2.9, **; 138, 2.9, **)

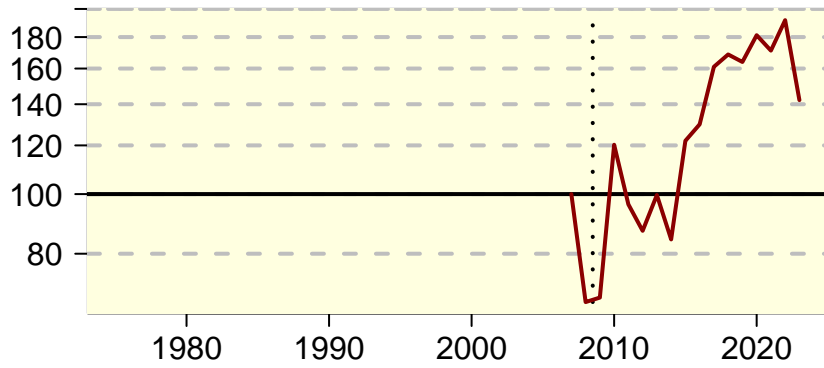


Merilokki *Larus marinus*

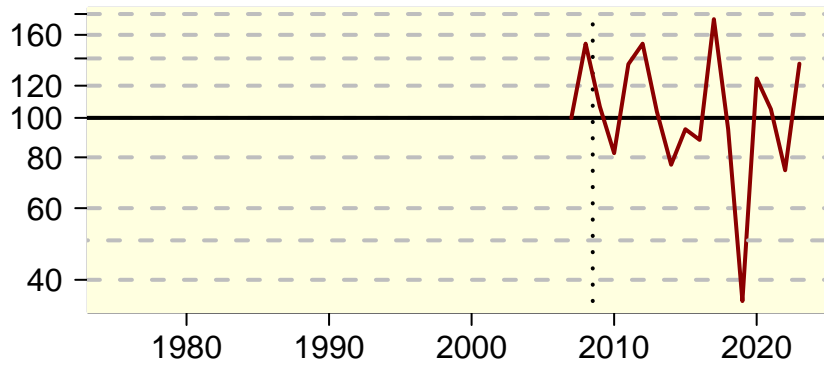
(8, 4.1, ns; 8, 9.2, *)



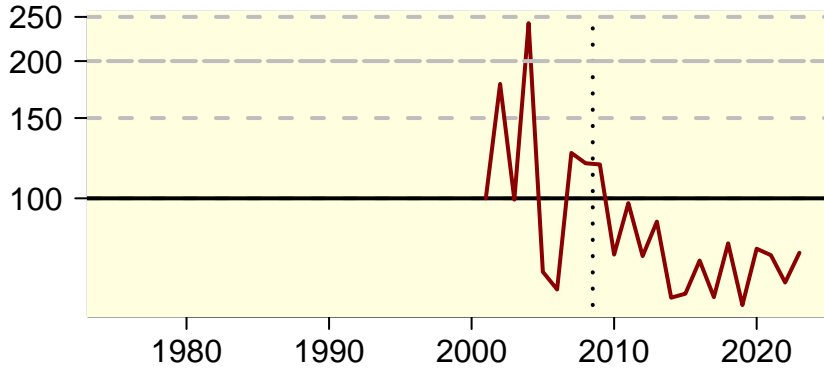
Kalatiira Sterna hirundo
(67, 5.7, **; 78, 5.9, **)



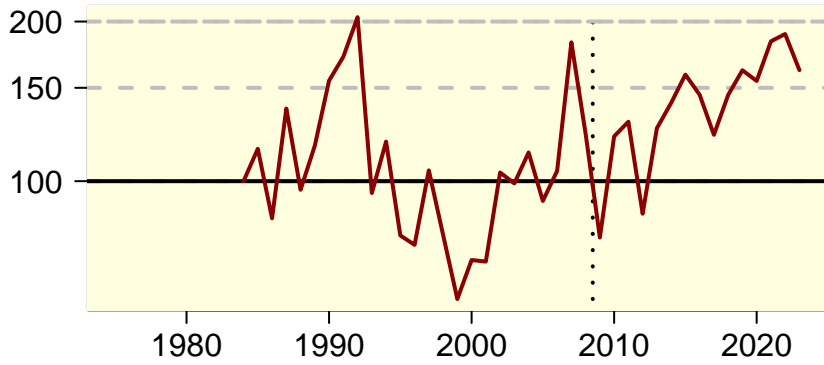
Lapintiira *Sterna paradisaea*
(29, -1.5, ns; 30, -0.4, ns)



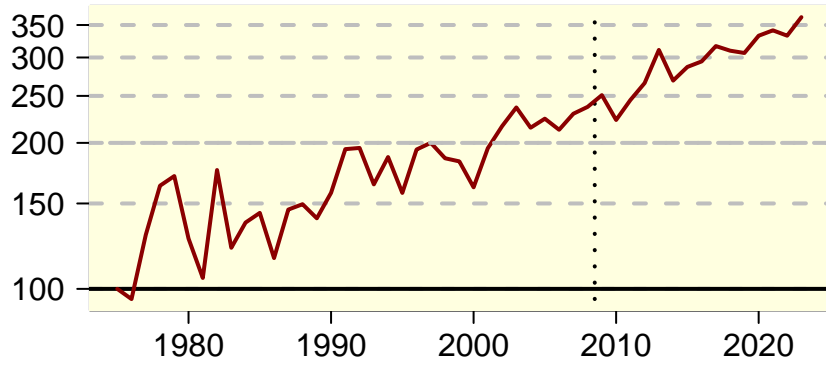
Kesykyyhky *Columba livia*
(58, -3.2, *; 68, -1.8, ns)



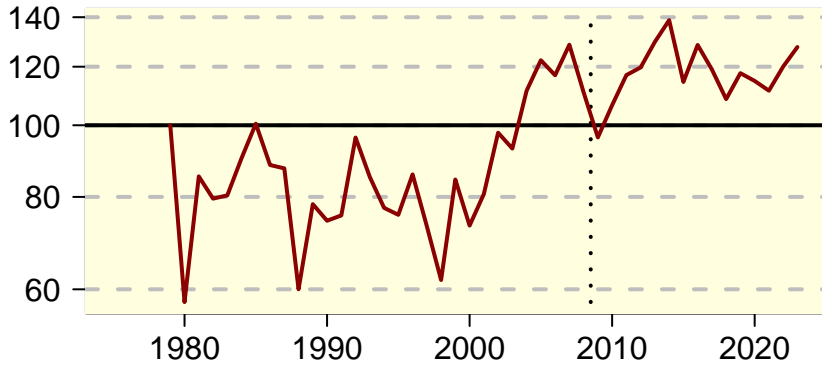
Uuttukyyhky *Columba oenas*
(56, 1, *; 85, 4.9, **)



Sepelkyyhky *Columba palumbus* (958, 2.3, **; 2219, 2.8, **)

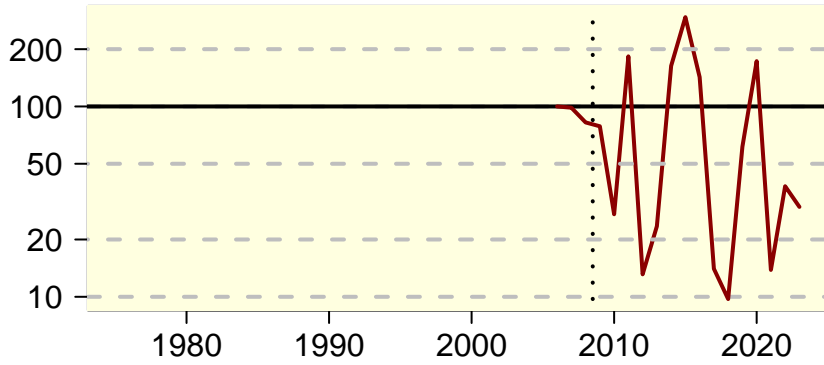


Käki *Cuculus canorus*
(947, 1.3, **; 1776, 0.5, *)

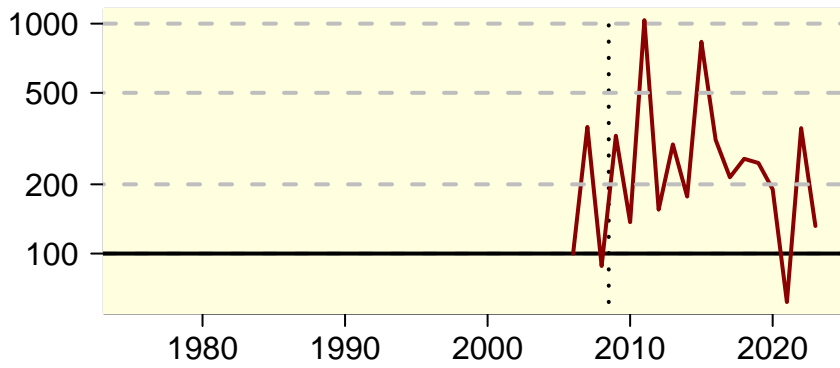


Hiiripöllö Surnia ulula

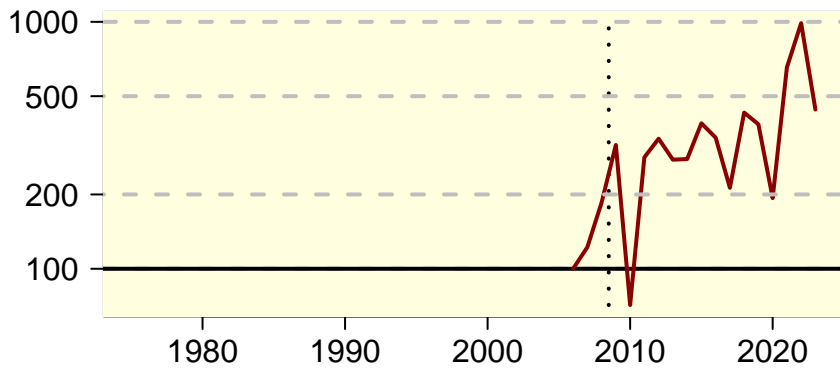
(4, -5.8, ns; 4, -4.1, ns)



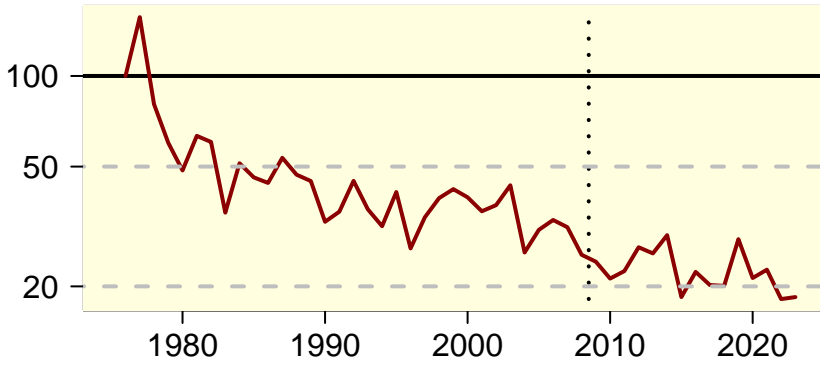
Suopöllö Asio flammeus (13, -0.7, ns; 15, -5.3, ns)



Kehräätä *Caprimulgus europaeus* (4, 8.7, *; 5, 9.2, *)

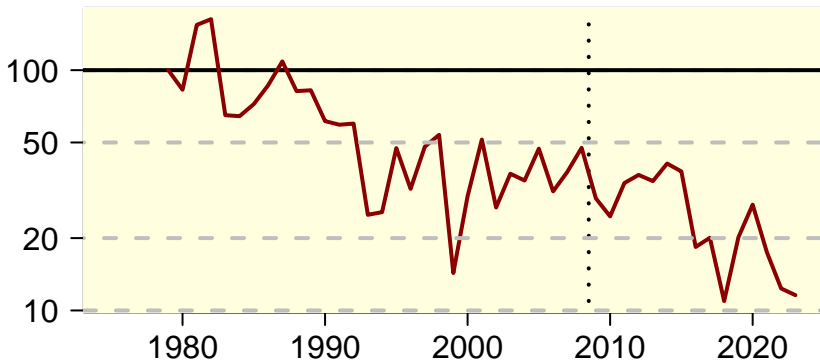


Tervapääsky Apus apus
(229, -2.8, **; 357, -1.4, *)

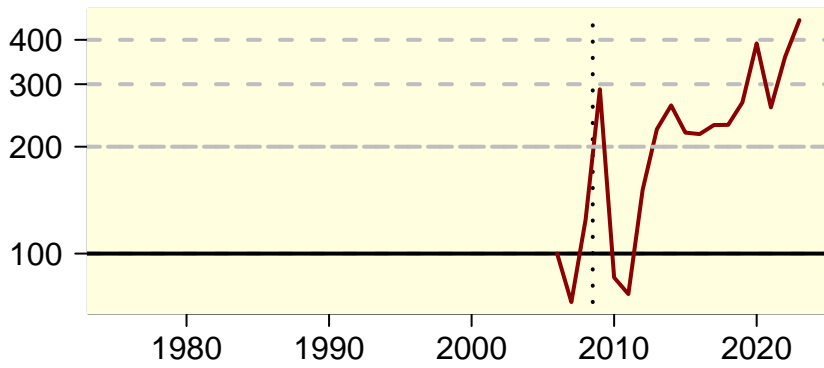


Käenpiika Jynx torquilla

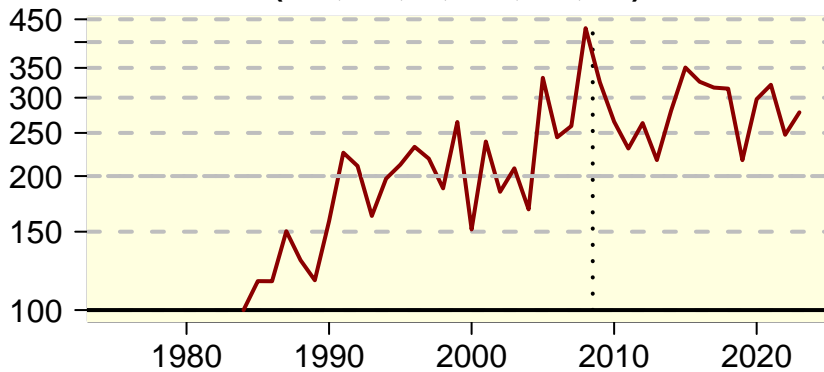
(32, -4.1, **; 38, -7.1, **)



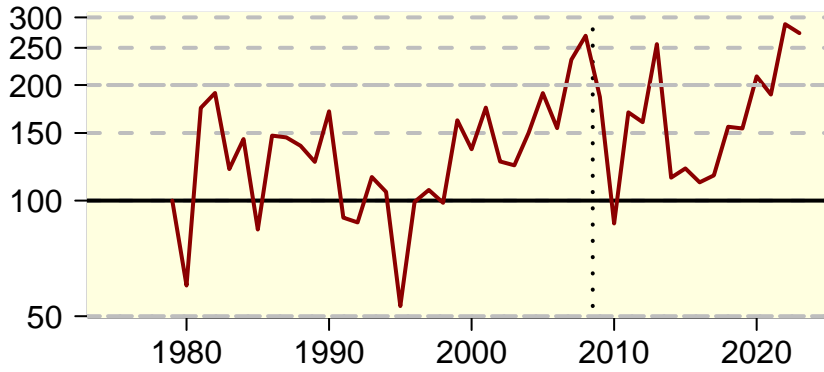
Harmaapäätikka *Picus canus*
(12, 8.5, **; 15, 7.6, **)



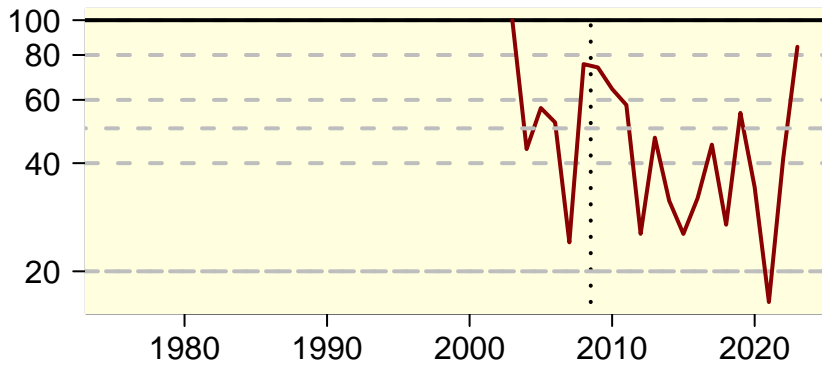
Palokärki *Dryocopus martius*
(109, 2.3, **; 212, 0.3, ns)



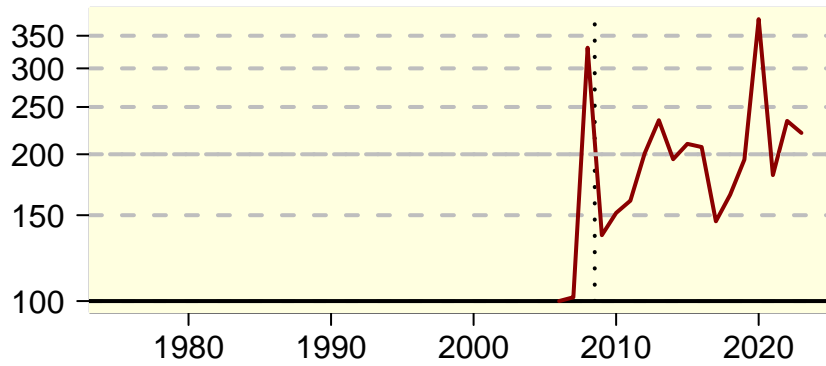
Käpytikka *Dendrocopos major*
(368, 1.3, **; 756, 4, **)



Pikkutikka *Dendrocopos minor*
(6, -2.7, ns; 6, -1.9, ns)

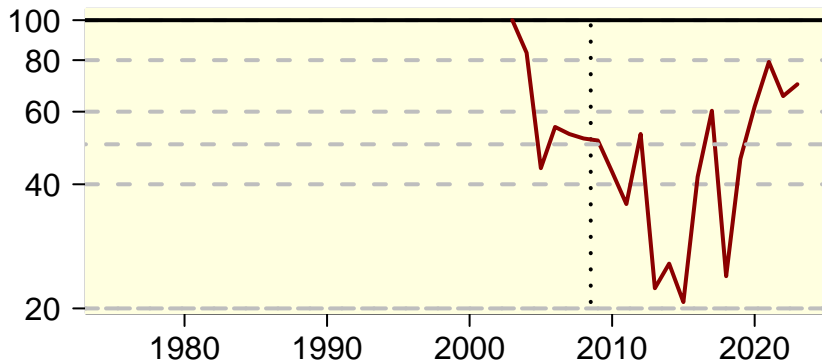


Pohjantikka *Picoides tridactylus*
(23, 3.1, *; 24, 2.7, ns)

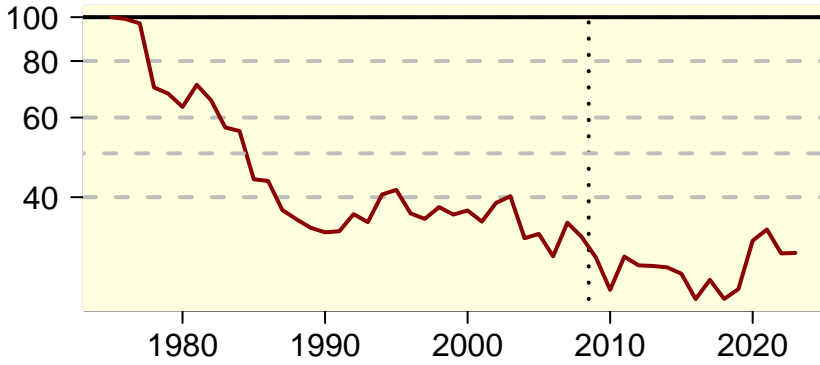


Kangaskiuru *Lullula arborea*

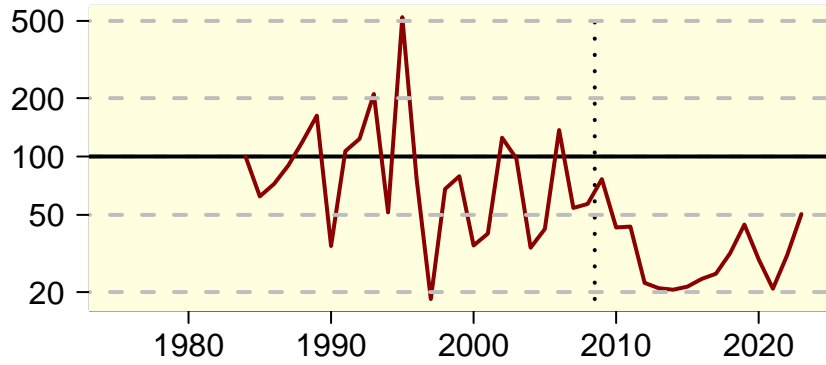
(14, -0.8, ns; 17, 4.4, *)



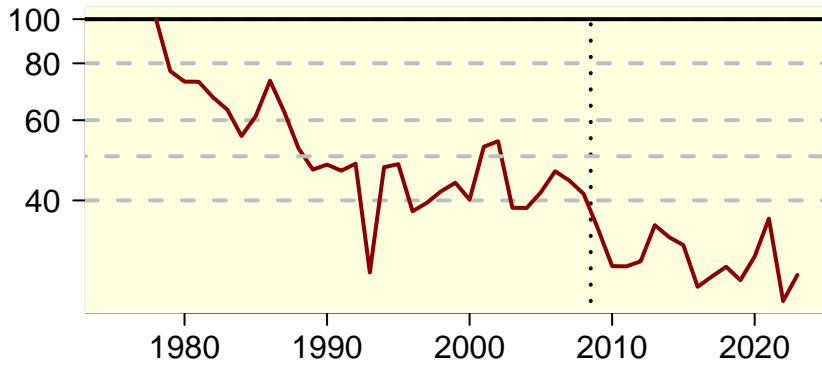
Kiuru *Alauda arvensis*
(464, -2.2, **; 813, 0.6, ns)



Törmäpääsky *Riparia riparia*
(63, -3.9, **; 51, -2, ns)

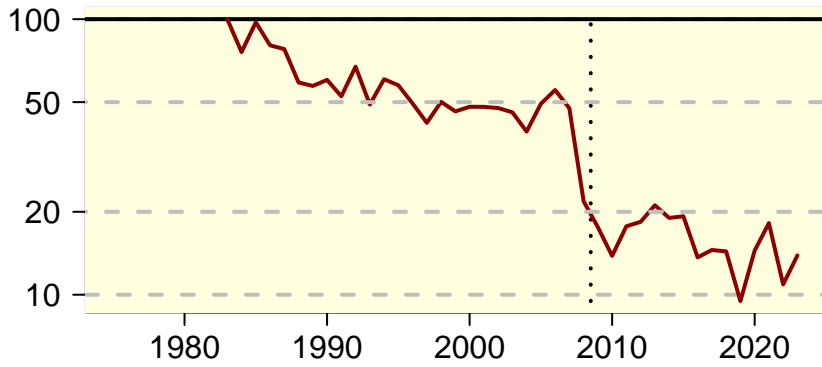


Haarapääsky *Hirundo rustica*
(251, -2.2, **; 365, -0.9, ns)

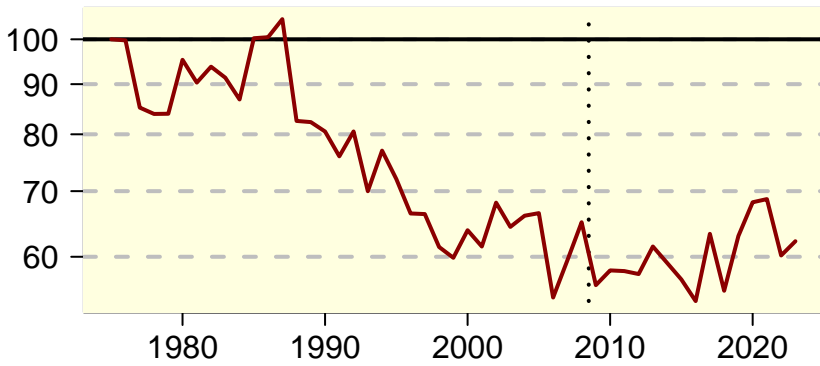


Räystäspääsky *Delichon urbicum*

(152, -5.3, **; 111, -2.7, *)

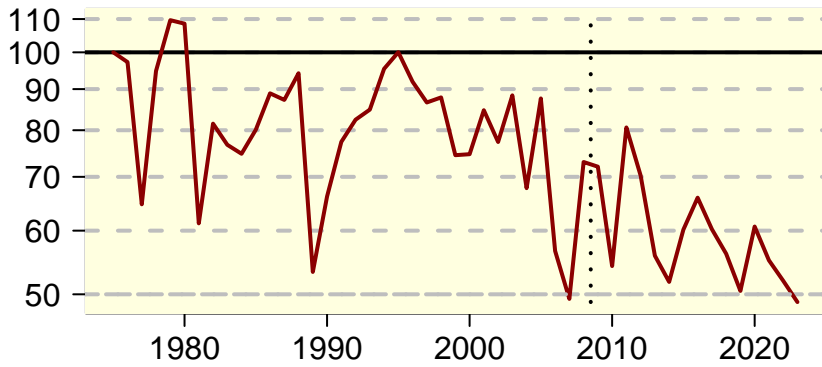


Metsäkirvinen *Anthus trivialis*
(1875, -1.2, **; 3692, 0.9, **)



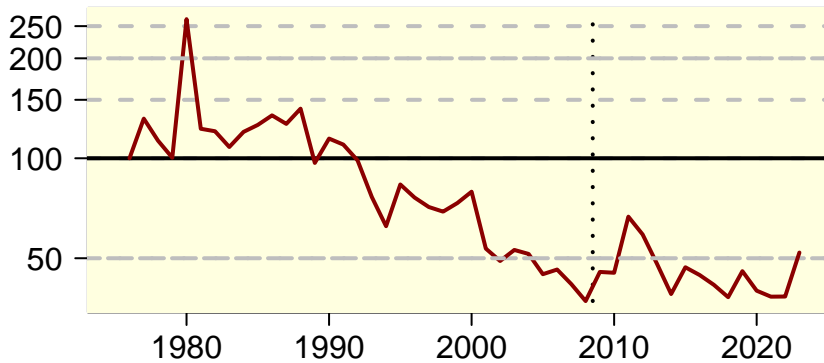
Niittykirvinen *Anthus pratensis*

(477, -1.1, **; 701, -2.3, **)

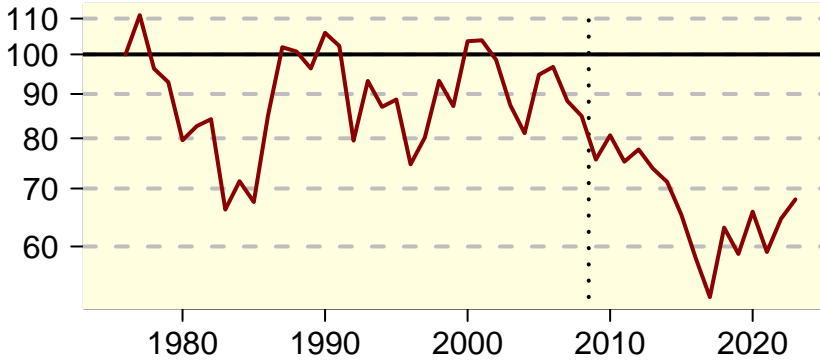


Keltavästäräkki *Motacilla flava*

(307, -3, **; 458, -1.8, **)

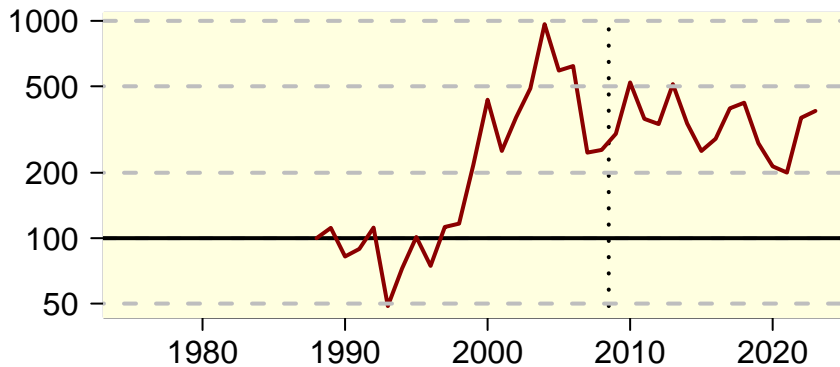


Västäräkki *Motacilla alba*
(347, -0.8, **; 504, -1.5, **)



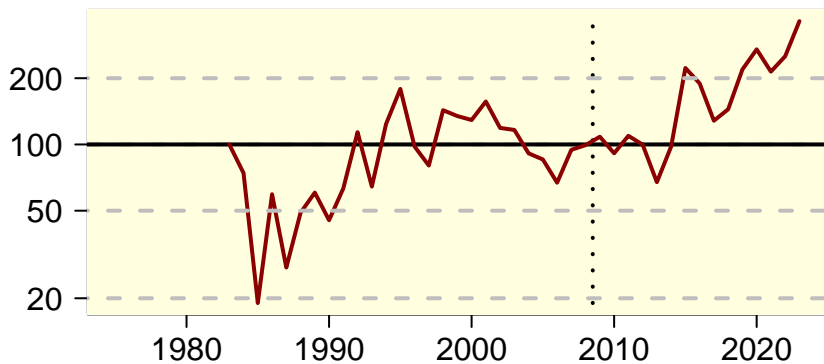
Tilhi *Bombycilla garrulus*

(55, 4.4, **; 102, -2, *)

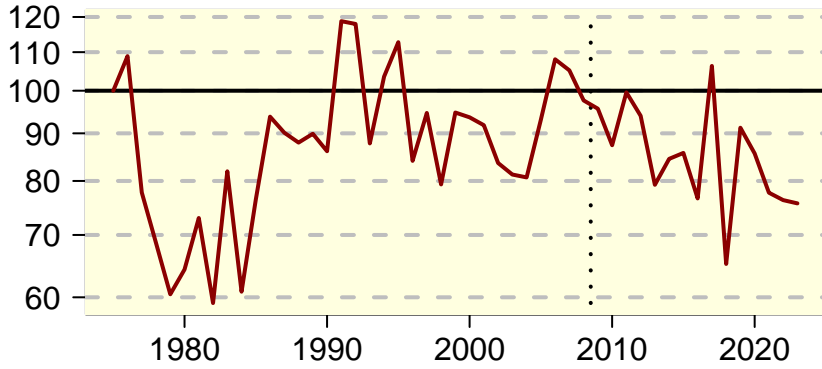


Peukaloinen Troglodytes troglodytes

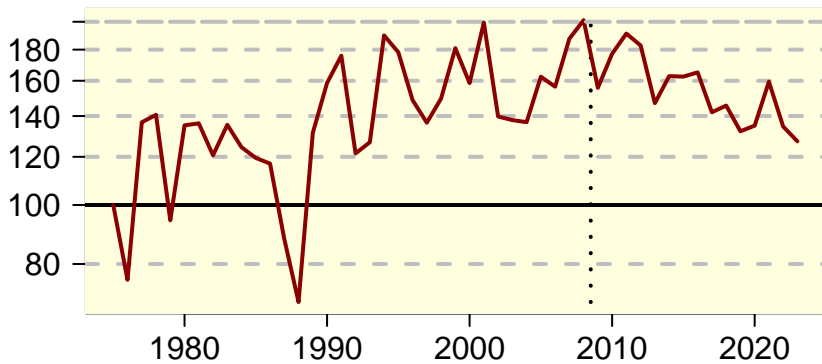
(203, 3.5, **; 459, 9.1, **)



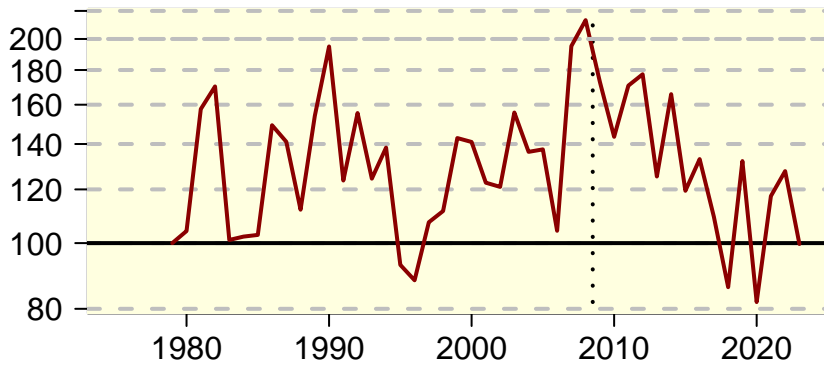
Rautiainen *Prunella modularis*
(398, 0.2, ns; 821, -1.3, **)



Punarinta Erithacus rubecula
(1179, 0.8, **; 2644, -2.1, **)

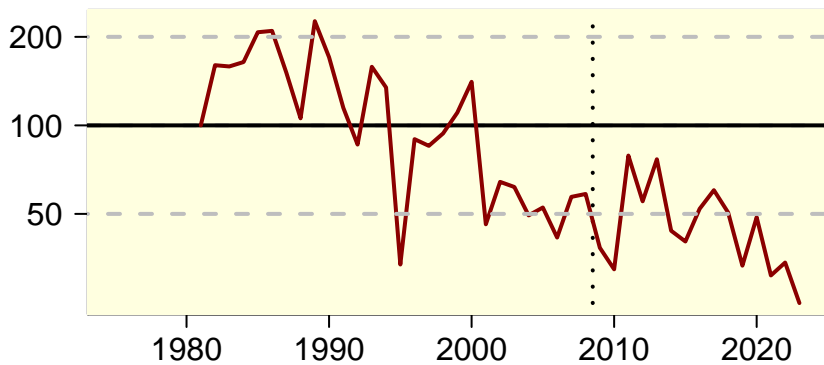


Satakieli *Luscinia luscinia*
(95, 0, ns; 162, -3.9, **)

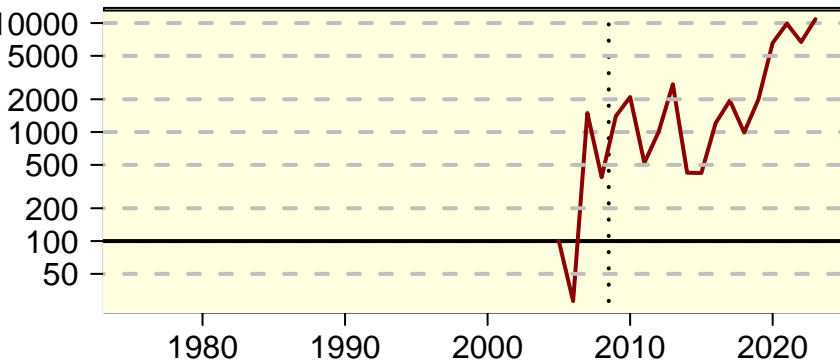


Sinirinta Luscinia svecica

(86, -4, **; 97, -4, **)

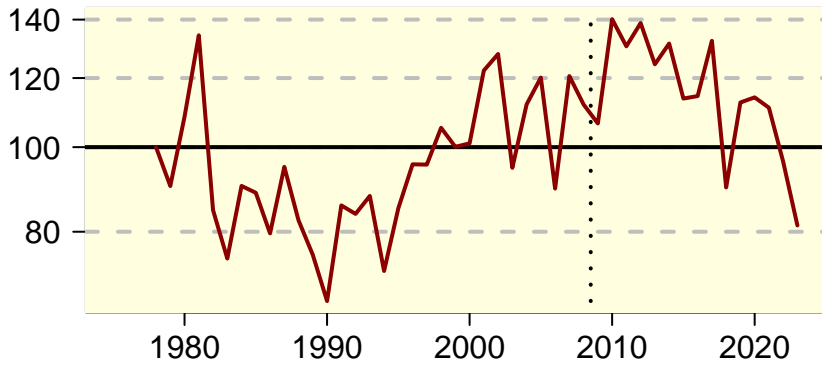


Sinipyrstö Tarsiger cyanurus
(15, 20.6, **; 18, 14.9, **)

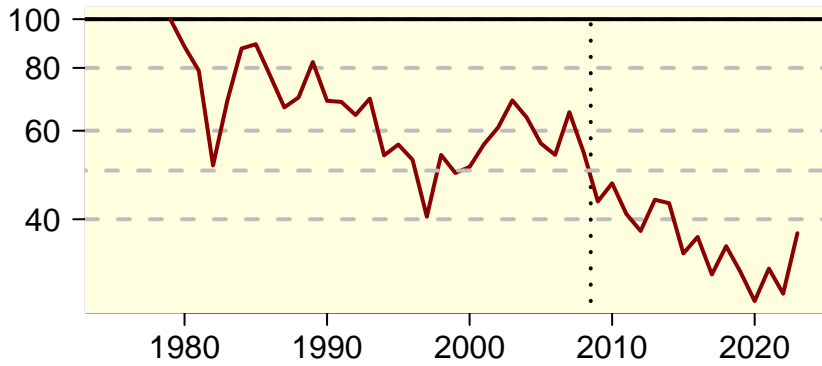


Leppälintu *Phoenicurus phoenicurus*

(695, 0.7, **; 1383, -2.3, **)

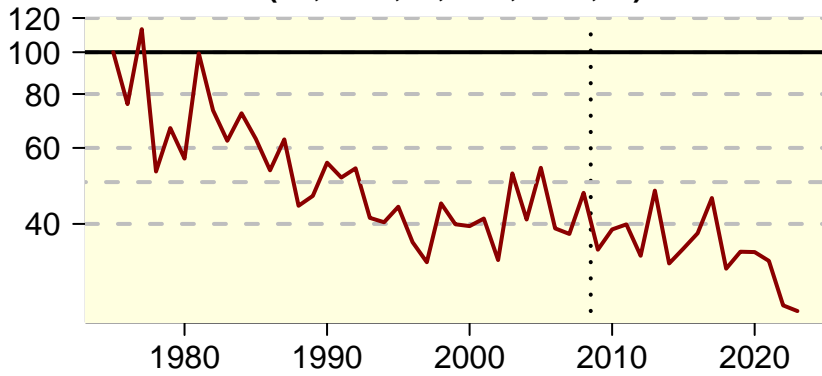


Pensastasku *Saxicola rubetra*
(189, -2.2, **; 252, -3.1, **)



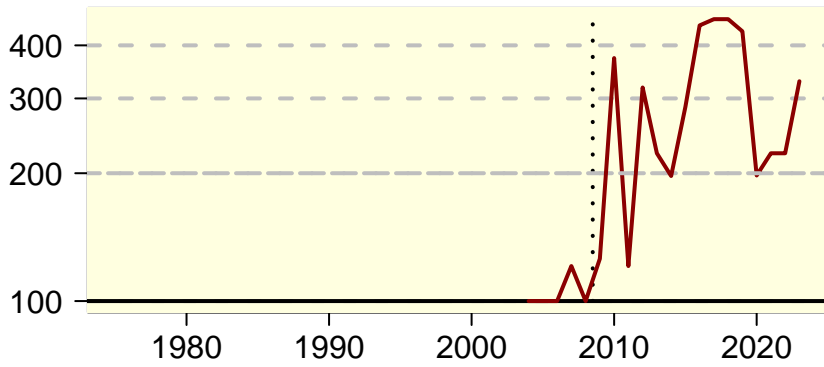
Kivitasku *Oenanthe oenanthe*

(95, -1.9, **; 113, -2.6, **)

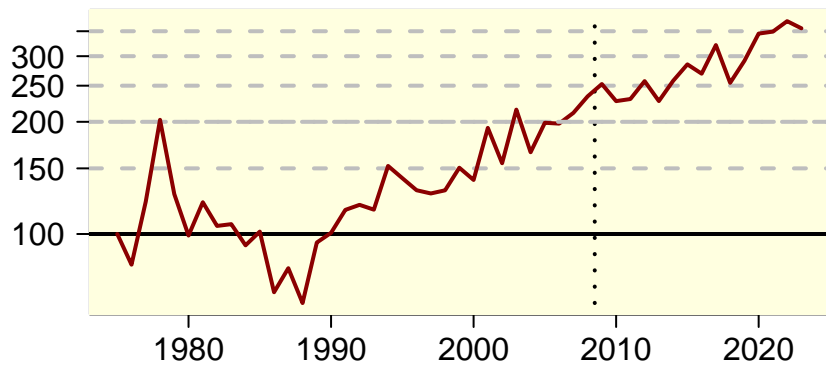


Sepelrastas *Turdus torquatus*

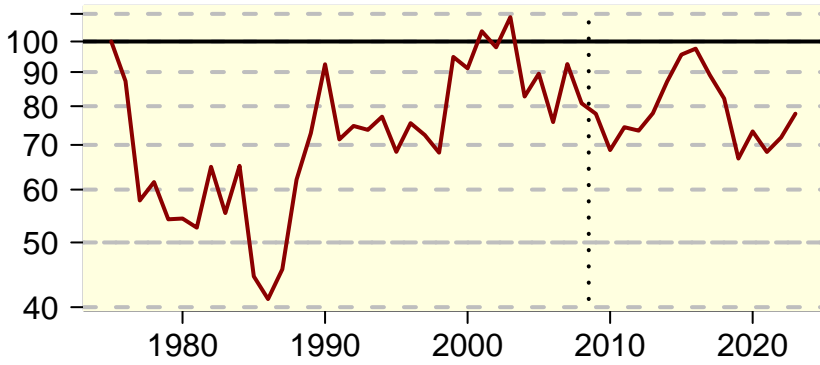
(7, 6.8, **; 9, 3.3, ns)



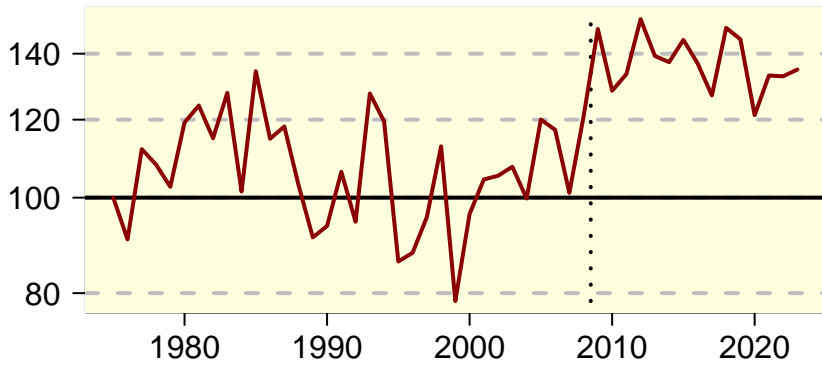
Mustarastas *Turdus merula*
(737, 2.9, **; 1834, 3.4, **)



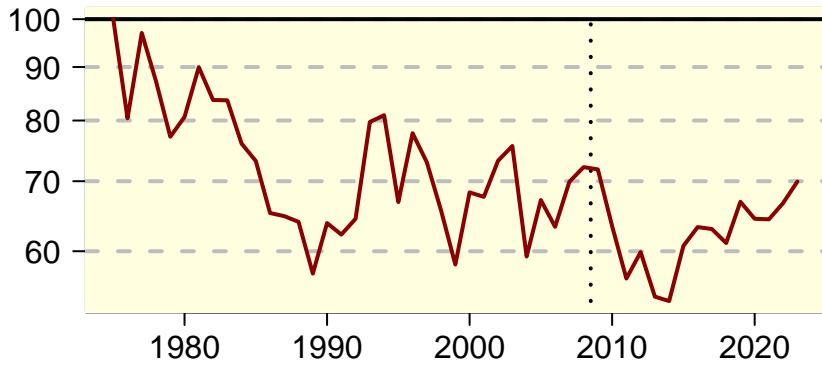
Räkättirastas *Turdus pilaris*
(1424, 0.7, **; 2935, -0.4, ns)



Laulurastas *Turdus philomelos*
(1273, 0.6, **; 2856, -0.4, ns)

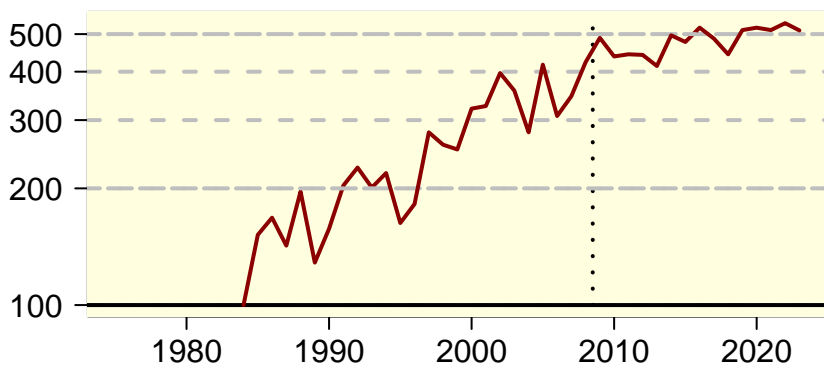


Punakylkirastas *Turdus iliacus*
(1482, -0.6, **; 2830, 0.7, **)



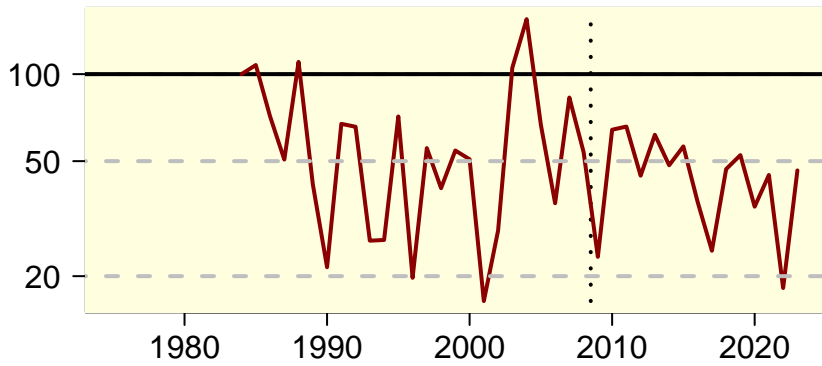
Kulorastas *Turdus viscivorus*

(180, 3.8, **; 383, 1.2, *)



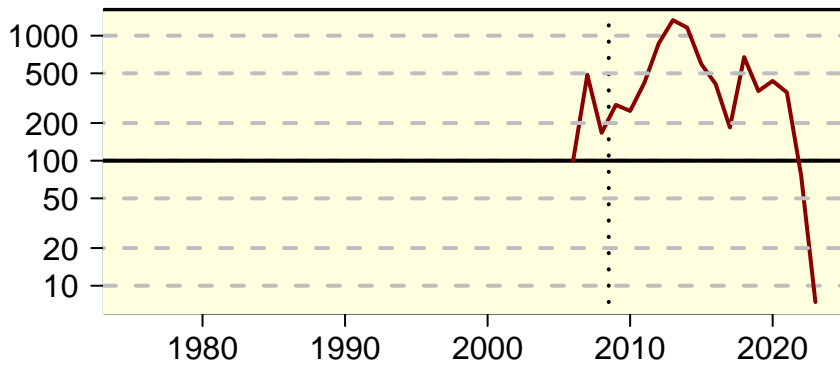
Pensassirkkalintu *Locustella naevia*

(7, -1.1, ns; 9, -2.7, ns)



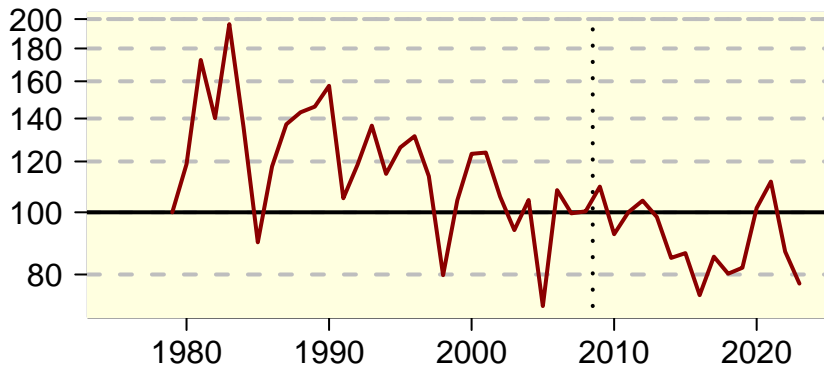
Viitasirkkalintu *Locustella fluviatilis*

(6, -6.5, ns; 6, -13.7, ns)



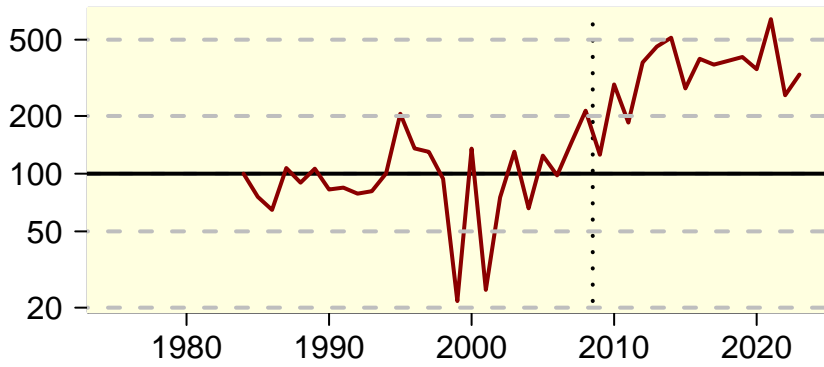
Ruokokerttunen *Acrocephalus schoenobaenus*

(249, -1.2, **; 240, -0.4, ns)



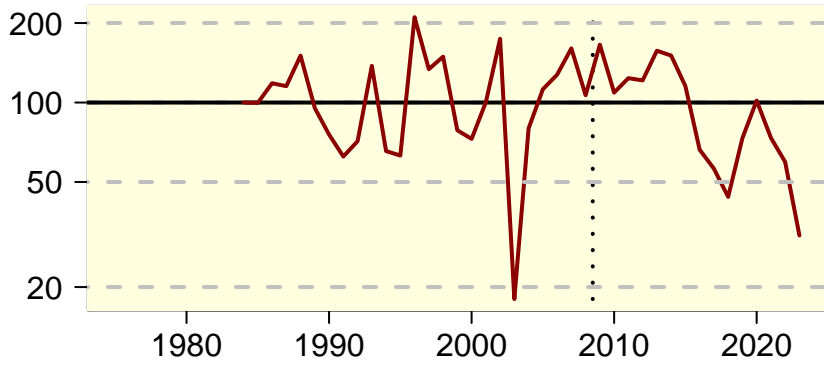
Viitakerttunen *Acrocephalus dumetorum*

(42, 5, **; 94, 4, **)



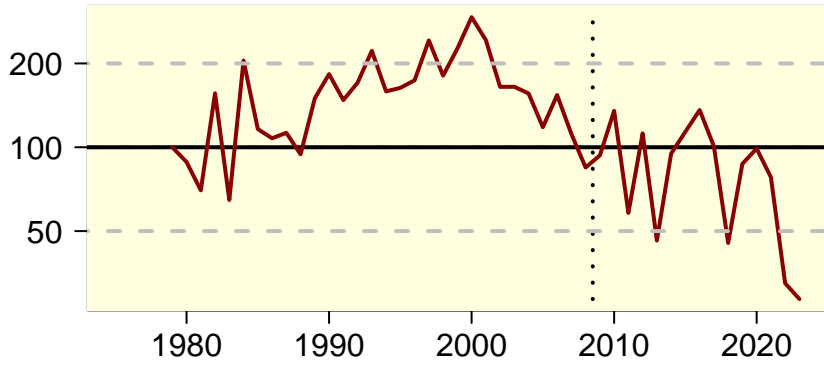
Luhtakerttunen *Acrocephalus palustris*

(14, -0.9, ns; 20, -7.6, **)

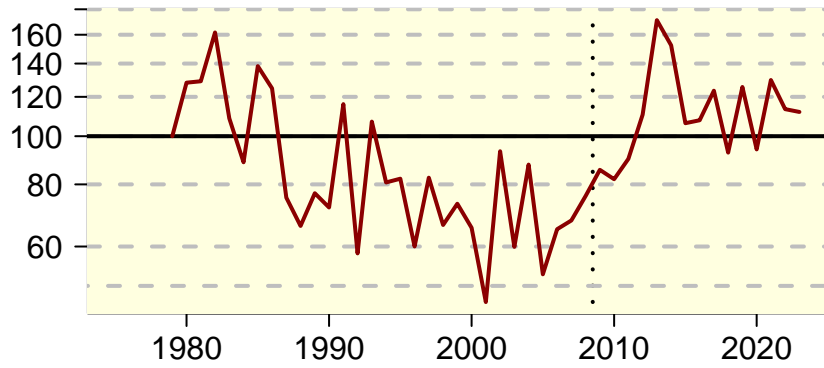


Rytikerttunen *Acrocephalus scirpaceus*

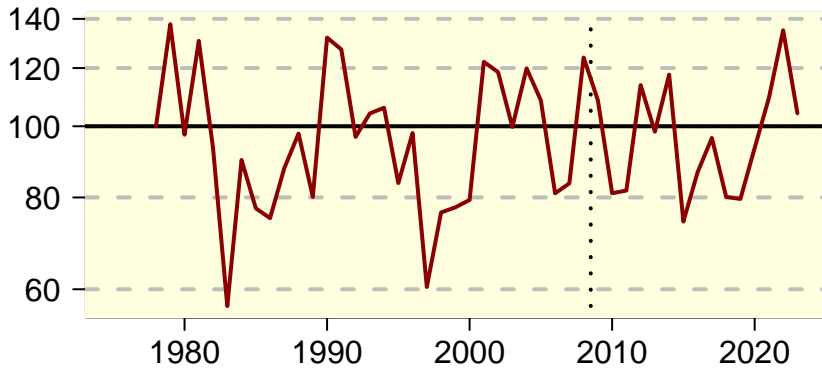
(41, -1.6, **; 24, -5.8, **)



Kultarinta Hippolais icterina
(31, 0.2, ns; 60, 1.2, ns)

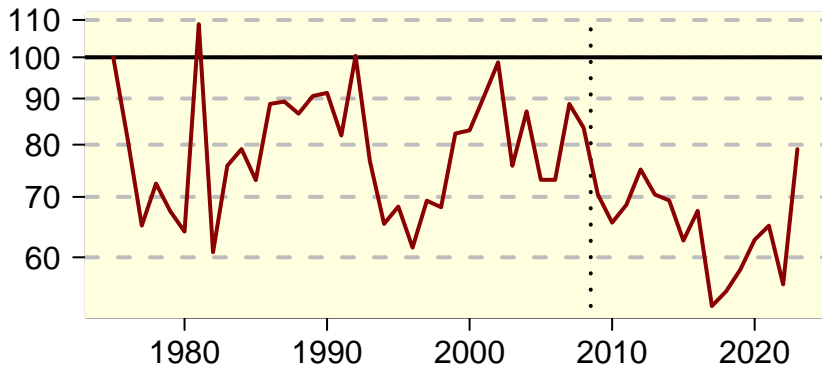


Hernekerttu *Sylvia curruca*
(284, 0.1, ns; 541, 0.7, ns)

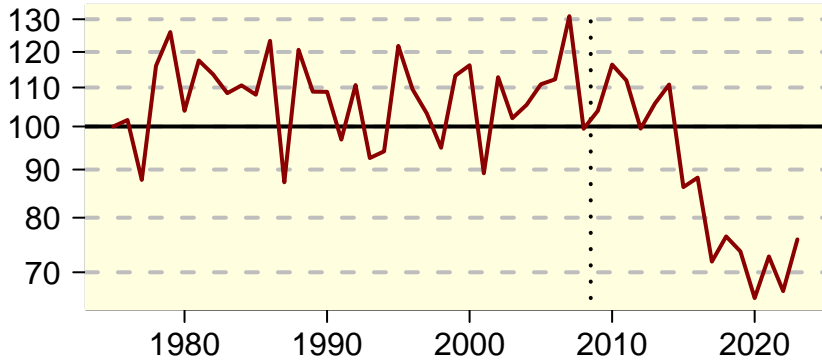


Pensaskerttu *Sylvia communis*

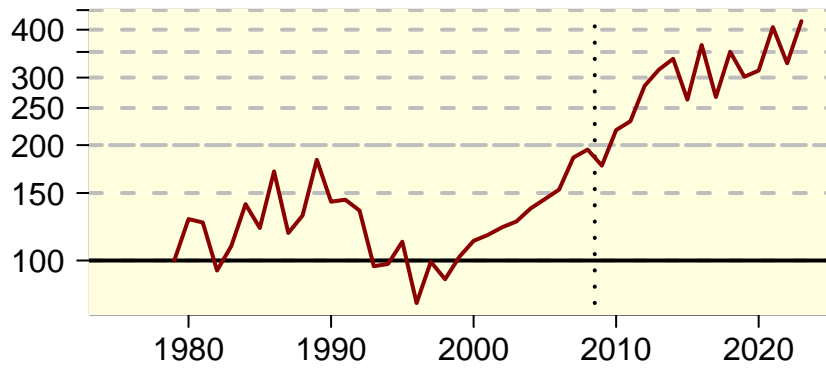
(379, -0.5, ns; 682, -0.7, *)



Lehtokerttu *Sylvia borin*
(945, -0.7, **; 1628, -4, **)

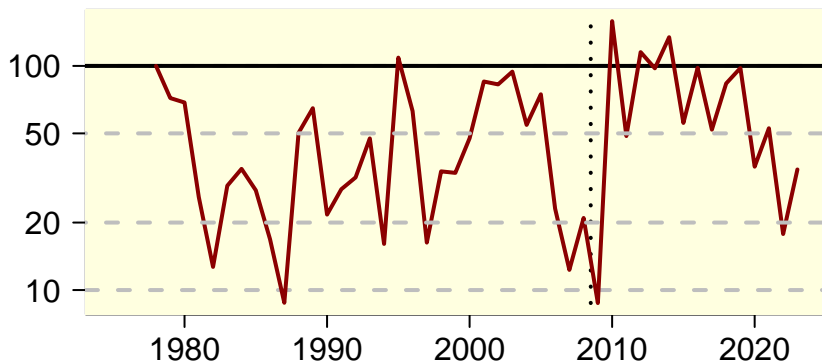


Mustapääkerttu *Sylvia atricapilla* (180, 2.9, **; 421, 4.1, **)



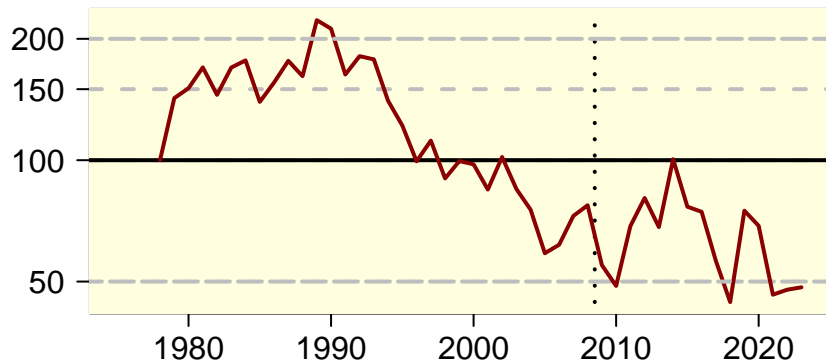
Idänuunilintu *Phylloscopus trochiloides*

(19, 1.3, ns; 44, -3.3, ns)

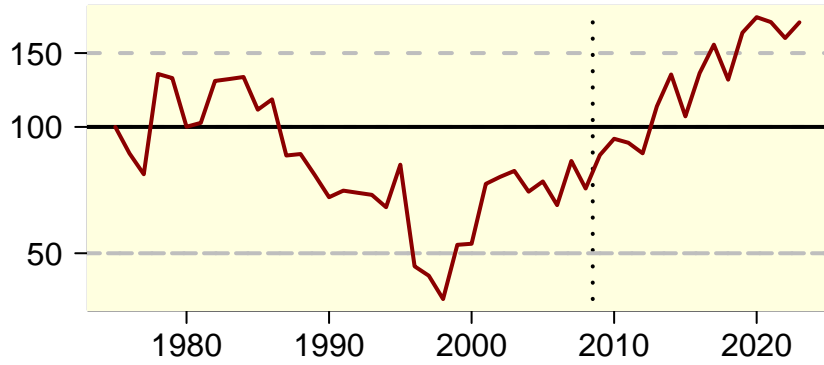


Sirittäjä *Phylloscopus sibilatrix*

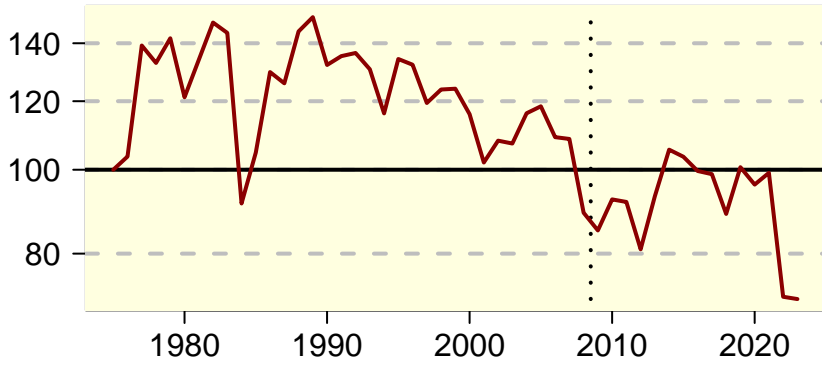
(314, -2.9, **; 447, -1.9, **)



Tiltalti *Phylloscopus collybita*
(421, 0.7, *; 1076, 5.8, **)

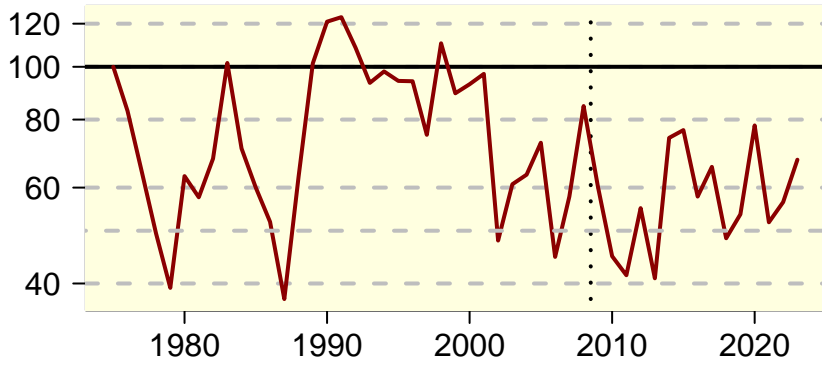


Pajulintu *Phylloscopus trochilus*
(7184, -0.9, **; 13159, -0.6, **)



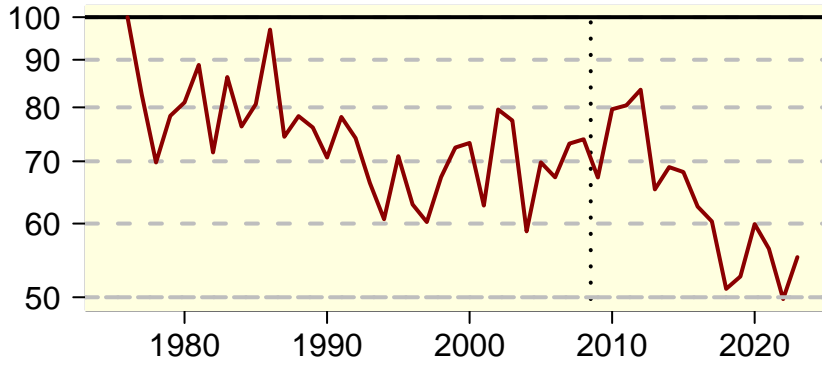
Hippiäinen *Regulus regulus*

(512, -0.5, *, 1048, 1.6, **)

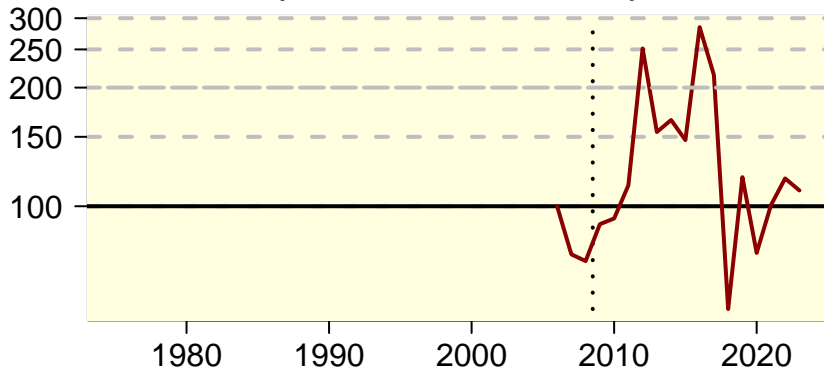


Harmaasieppo *Muscicapa striata*

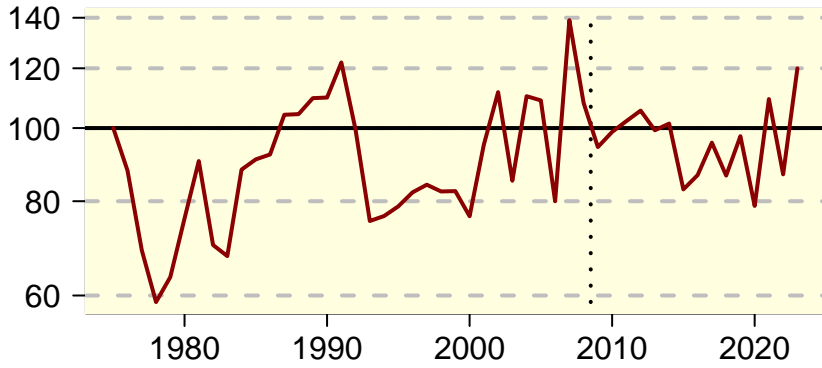
(550, -0.8, **; 1050, -3, **)



Pikkusieppo *Ficedula parva*
(26, 0.9, ns; 30, -1.8, ns)

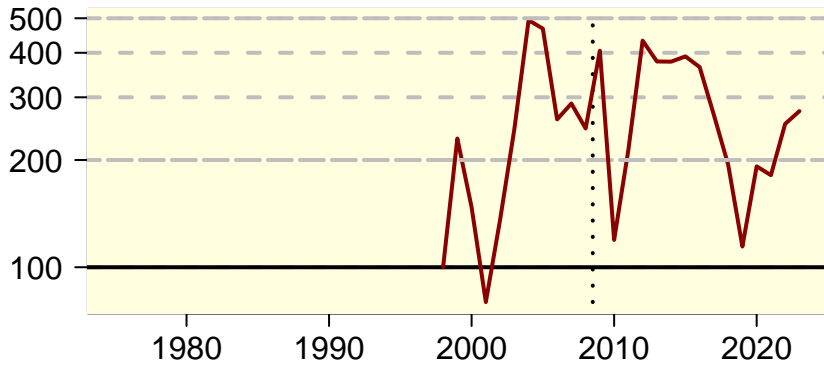


Kirjosieppo *Ficedula hypoleuca*
(644, 0.5, **; 1142, 0.2, ns)



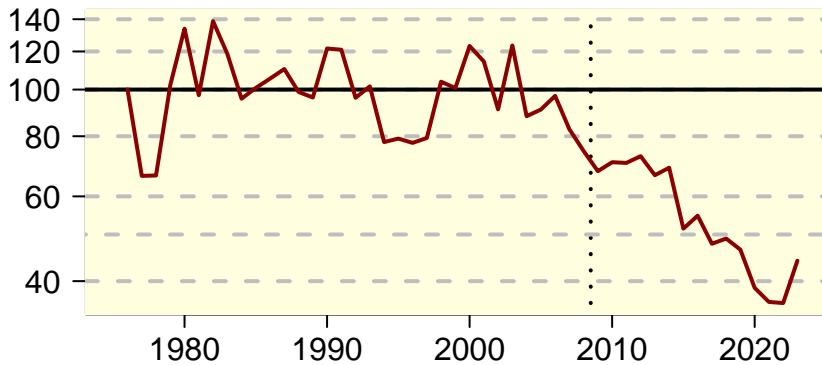
Pyrstötäinen *Aegithalos caudatus*

(15, 1.4, ns; 22, -2.8, ns)

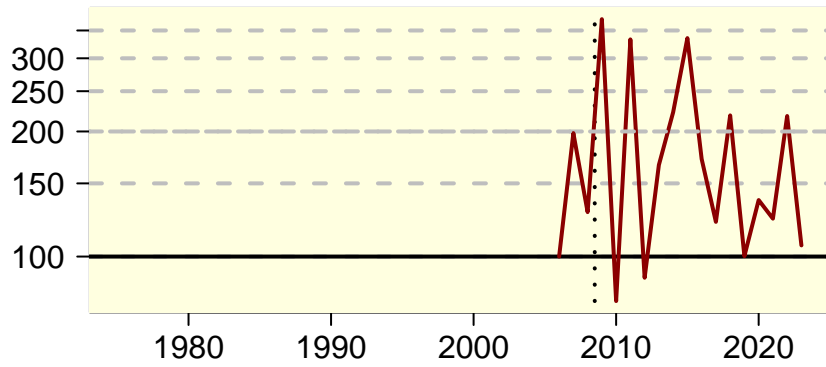


Hömötiainen *Poecile montanus*

(281, -1.9, **; 442, -5.4, **)

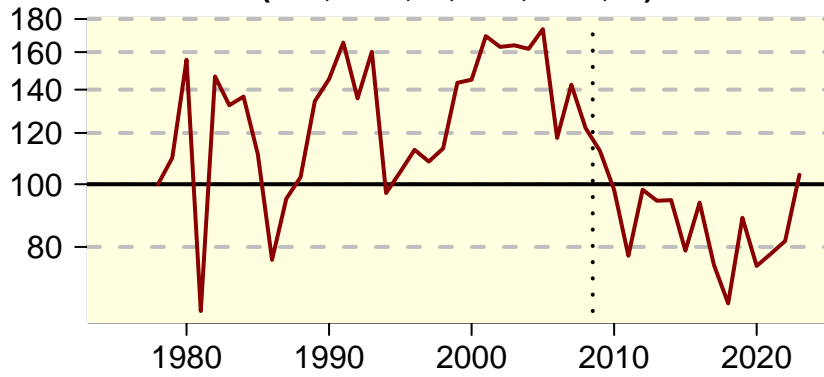


Lapintainen *Poecile cinctus*
(31, -0.8, ns; 35, -2.5, ns)

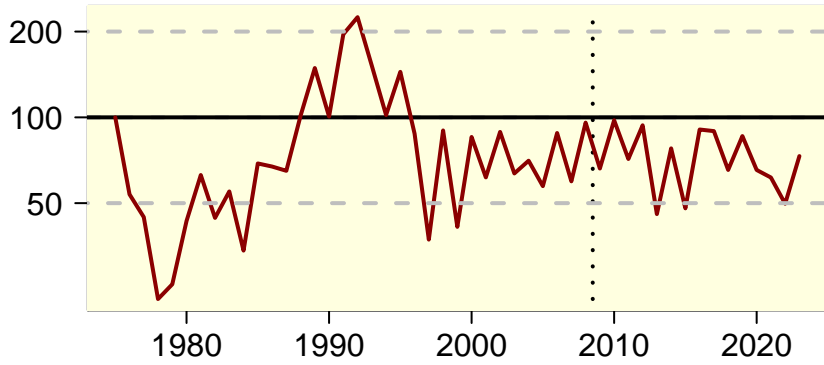


Töyhtötiainen *Lophophanes cristatus*

(172, -0.8, **; 310, -1.3, **)

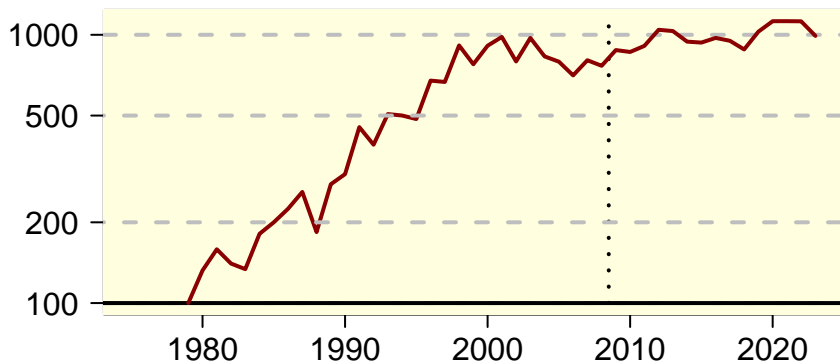


Kuusitiainen Periparus ater
(63, 0.5, ns; 128, -1.5, ns)

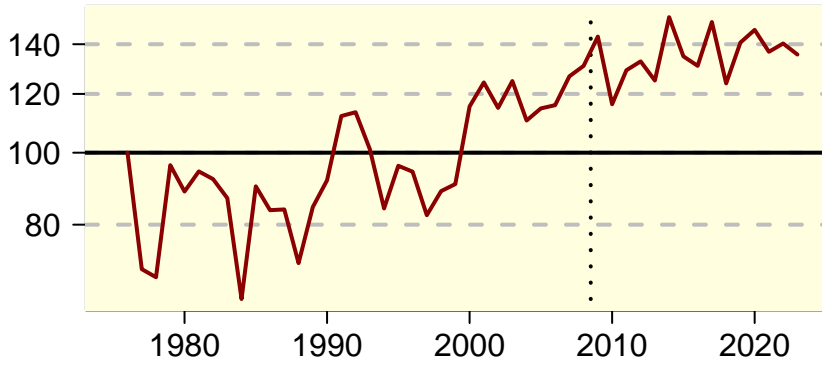


Sinitiainen *Cyanistes caeruleus*

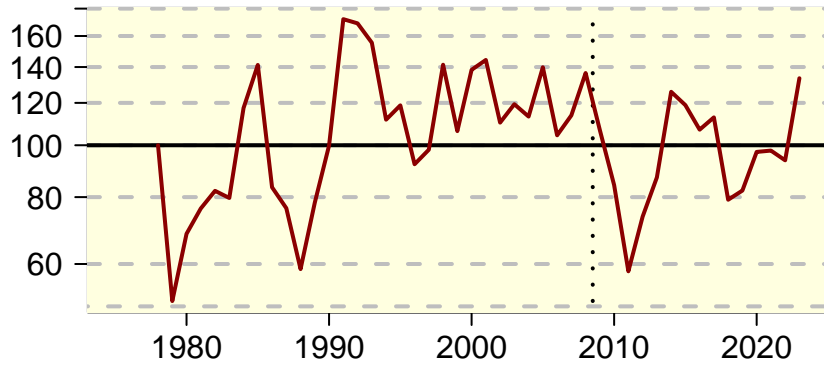
(414, 5, **; 948, 1.1, **)



Talitiainen Parus major
(1196, 1.4, **; 2678, 0.5, *)

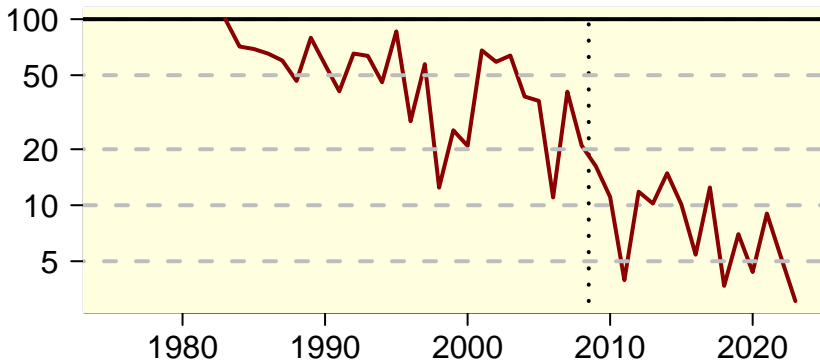


Puukiipijä *Certhia familiaris*
(124, 0.3, ns; 248, 1.5, **)



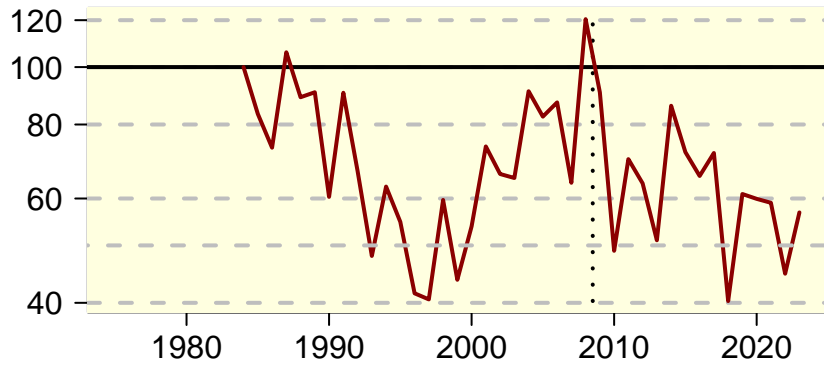
Kuhankeittäjä *Oriolus oriolus*

(10, -7.5, **; 8, -7, *)

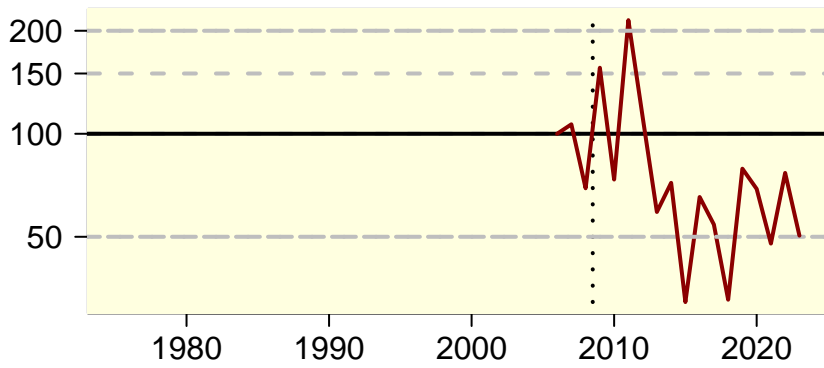


Pikkulepinkäinen *Lanius collurio*

(41, -0.7, ns; 55, -2.4, *)

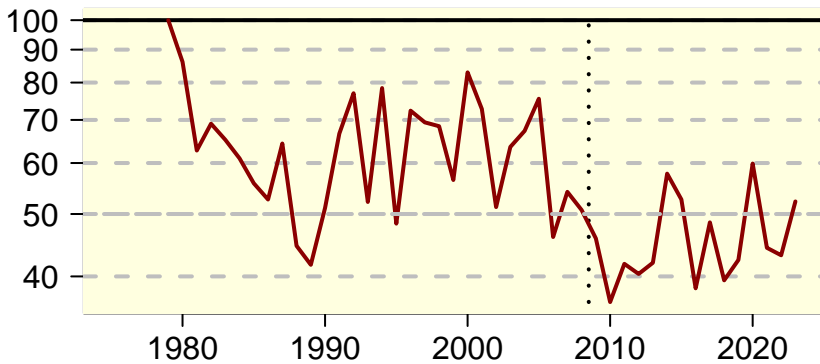


Isolepinkäinen *Lanius excubitor*
(6, -4.8, *; 7, -5.9, ns)



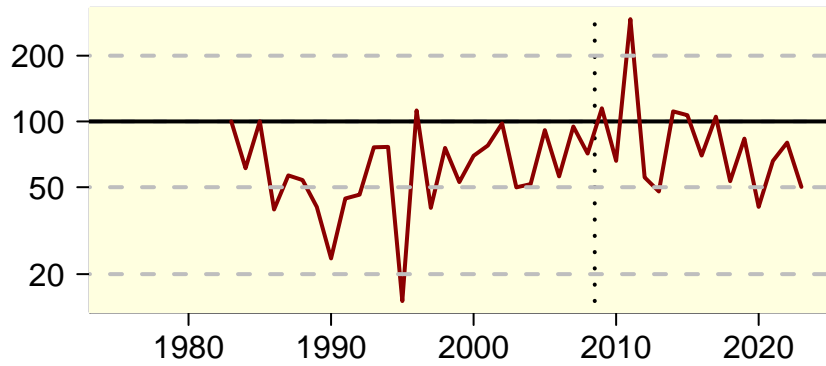
Närhi *Garrulus glandarius*

(97, -1, **; 173, 0.9, ns)



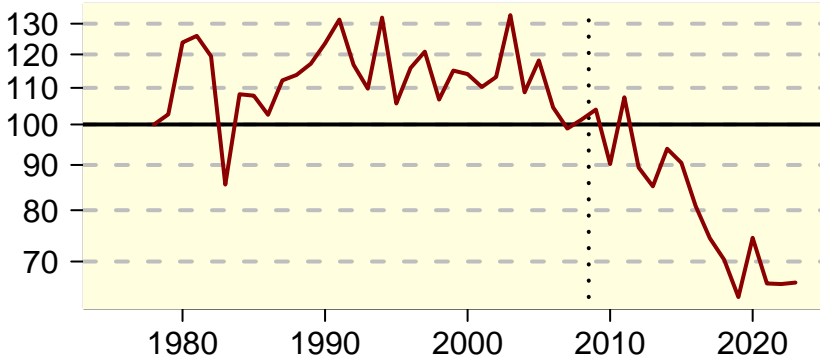
Kuukkeli *Perisoreus infaustus*

(31, 1, ns; 49, -4, *)

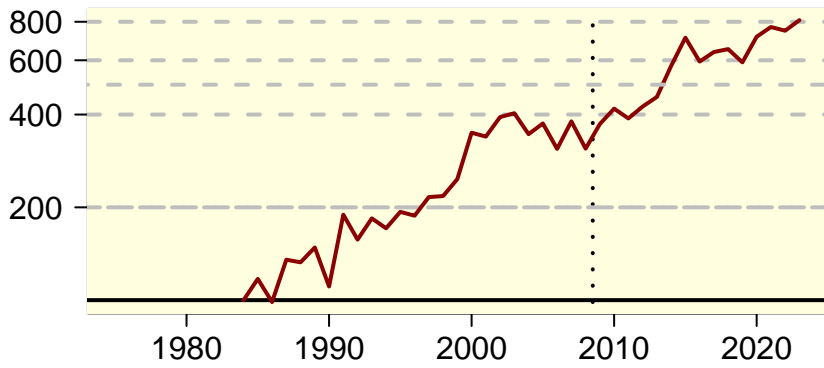


Harakka Pica pica

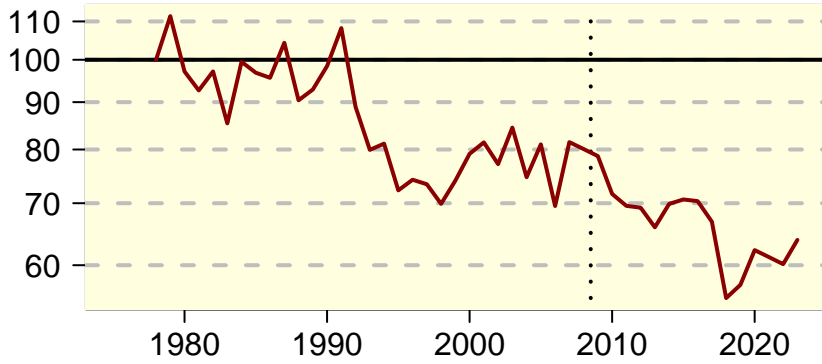
(328, -1.1, **; 511, -3.5, **)



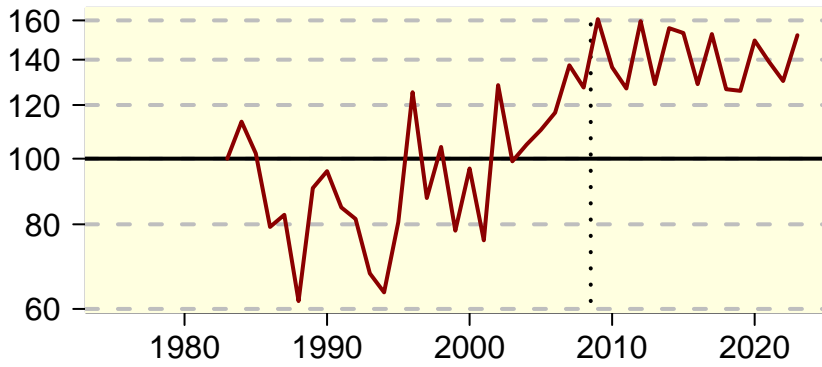
Naakka *Corvus monedula*
(415, 5.3, **; 922, 5.3, **)



Varis Corvus corone
(768, -1.2, **; 1189, -1.5, **)

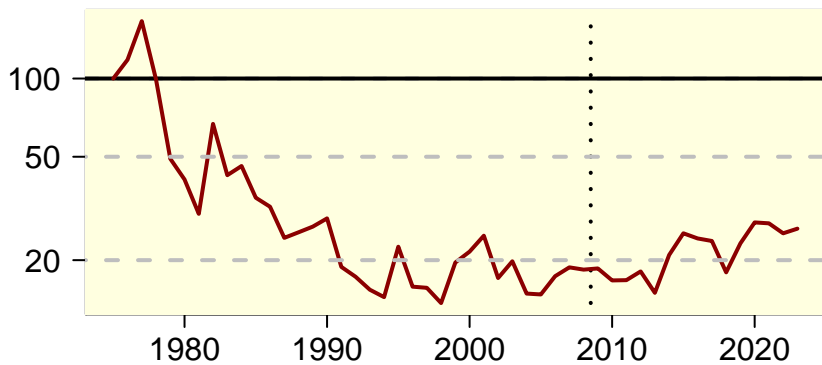


Korppi *Corvus corax*
(134, 1.7, **; 242, -0.2, ns)



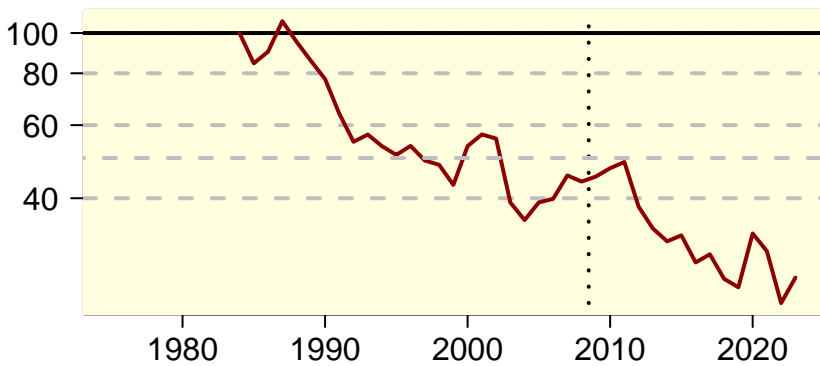
Kottarainen *Sturnus vulgaris*

(178, -2.5, **, 327, 4, **)



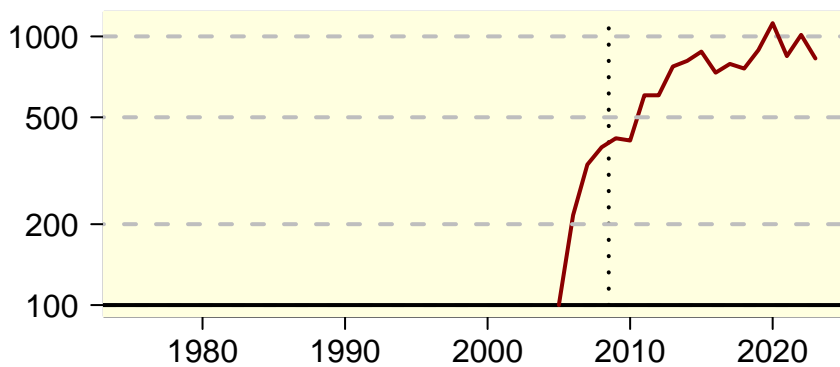
Varpunen *Passer domesticus*

(331, -3.3, **; 418, -4.2, **)

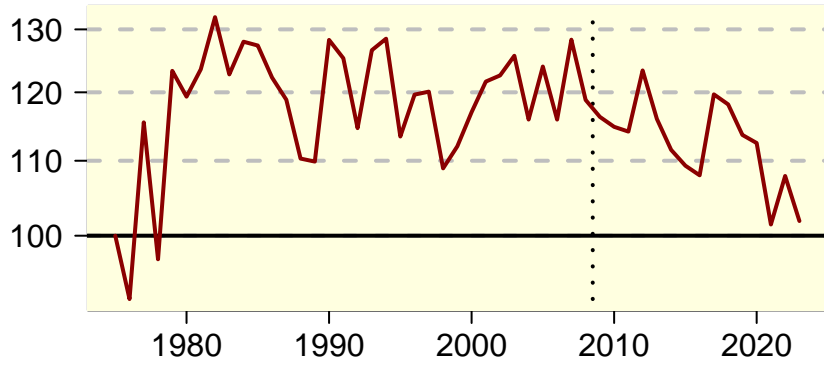


Pikkuvarpunen *Passer montanus*

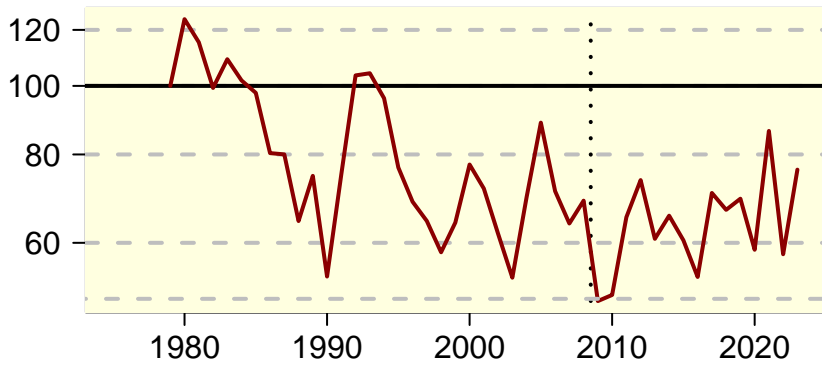
(271, 9.1, **; 355, 5.3, **)



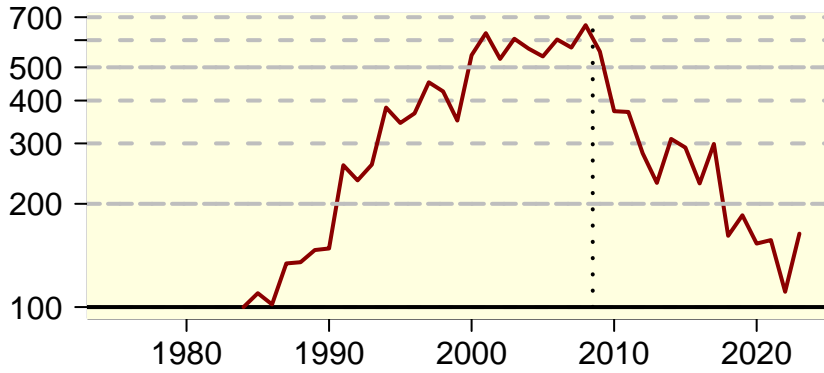
Peippo *Fringilla coelebs*
(6566, -0.1, ns; 13223, -0.7, **)



Järripeippo *Fringilla montifringilla*
(1524, -1.1, **; 2431, 1.9, **)

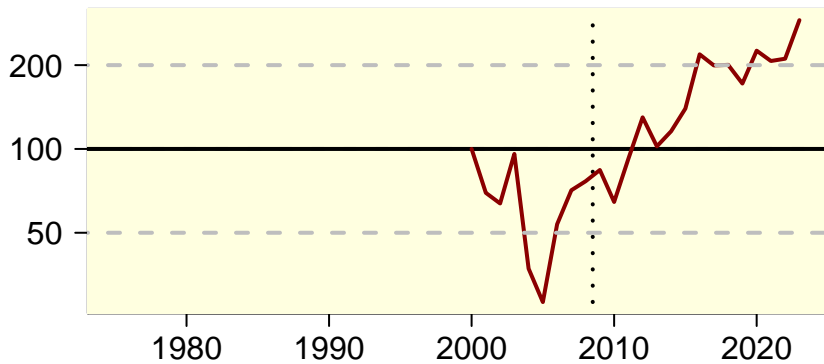


Viherpeippo *Carduelis chloris*
(349, 0.7, **; 475, -8.7, **)

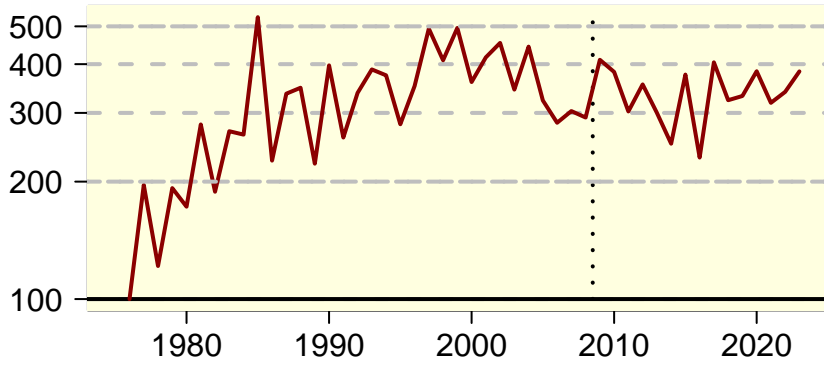


Tikli *Carduelis carduelis*

(44, 7.2, **; 66, 9.2, **)

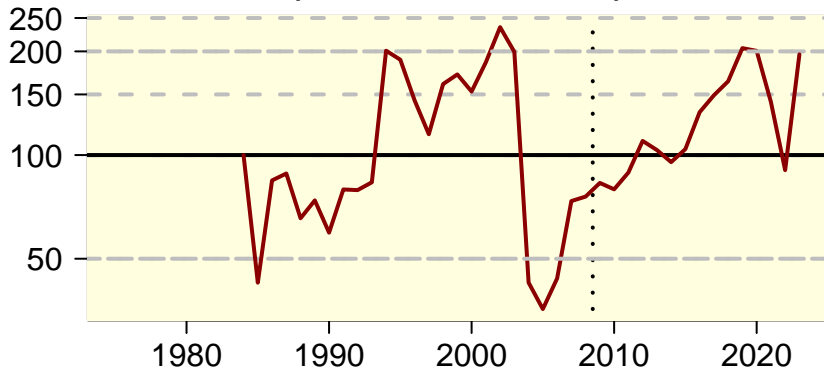


Vihervarpunen *Carduelis spinus*
(1654, 1.2, **; 3444, 0.1, ns)

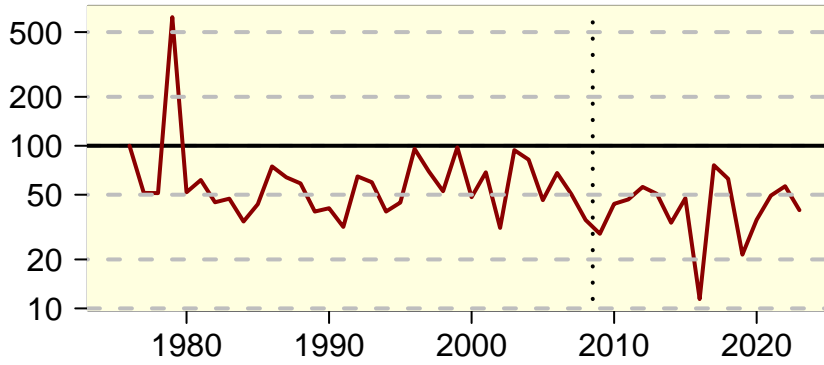


Hemppo *Carduelis cannabina*

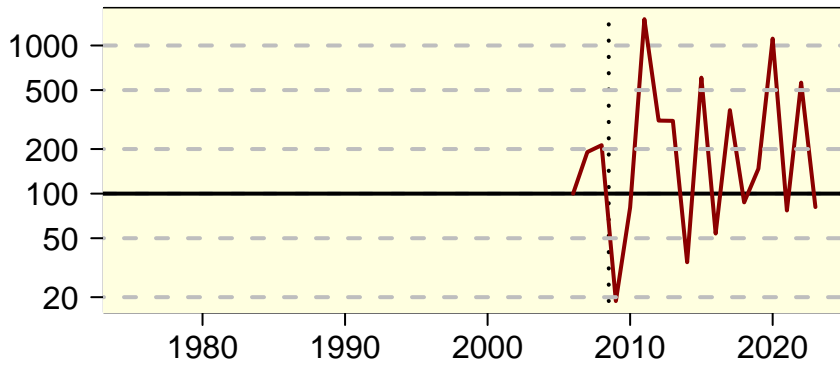
(28, 1.3, ns; 60, 5.2, **)



Urpiainen *Carduelis flammea*
(555, -1.3, **; 972, 0.6, ns)

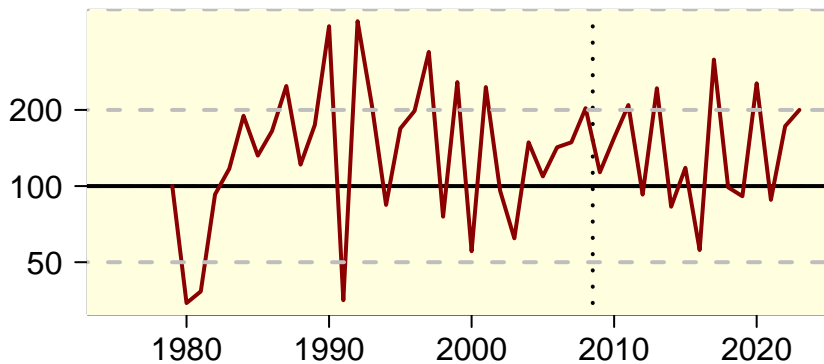


Kirjosiipikäpylintu *Loxia leucoptera*
(21, 2.9, ns; 24, 3.5, ns)



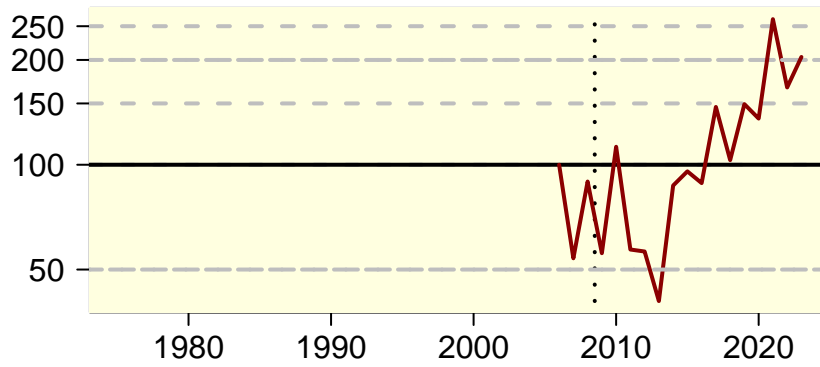
Pikkukäpylintu *Loxia curvirostra*

(821, 0.5, ns; 1553, 0.9, *)



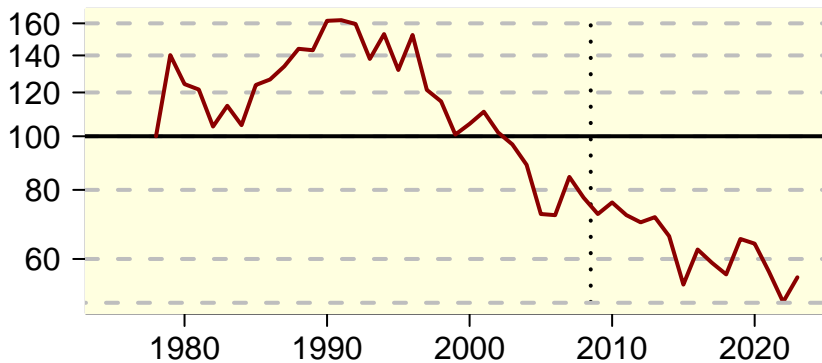
Isokäpylintu *Loxia pytyopsittacus*

(93, 6.9, **; 107, 9.8, **)

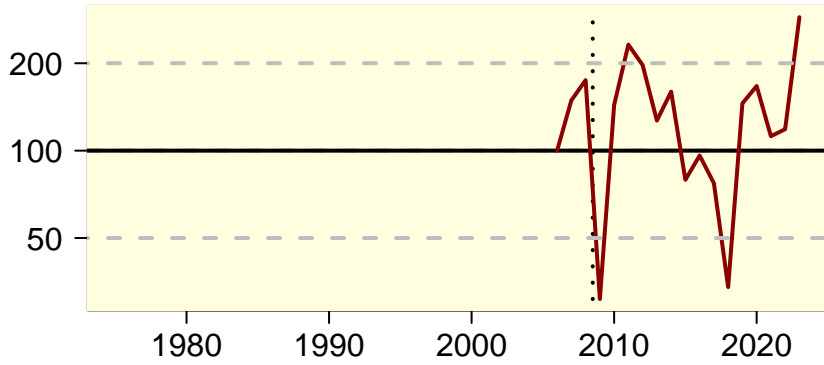


Punavarpunen *Carpodacus erythrinus*

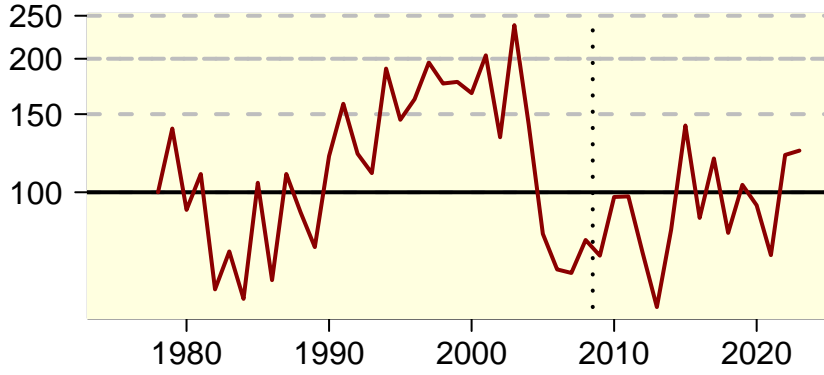
(314, -2.3, **; 387, -2.3, **)



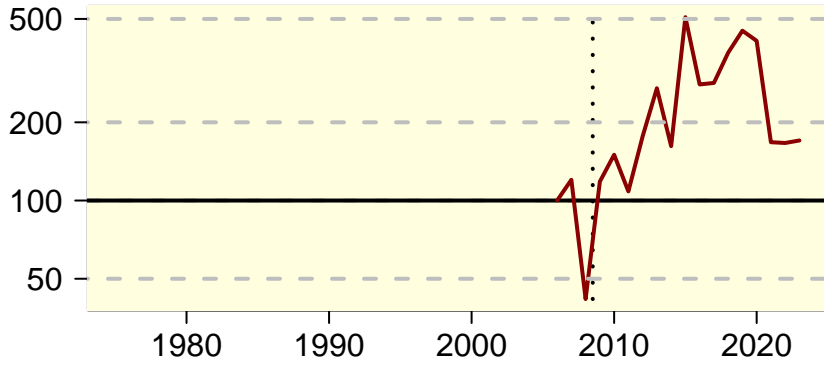
Taviokuurna Pinicola enucleator
(11, 0.8, ns; 11, 2.3, ns)



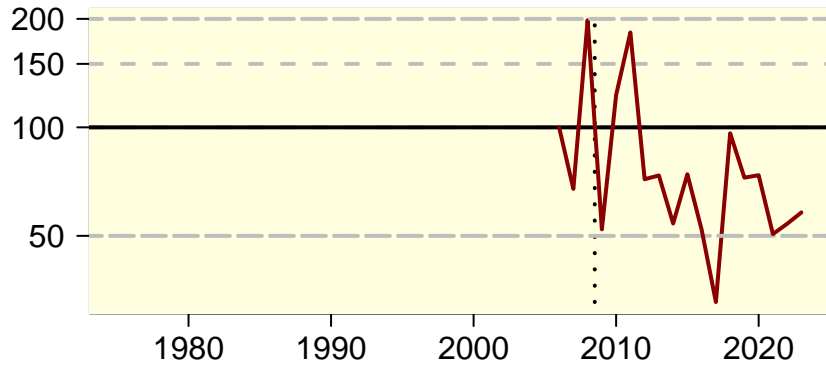
Punatulkku Pyrrhula pyrrhula
(207, -0.2, ns; 345, 2.2, **)



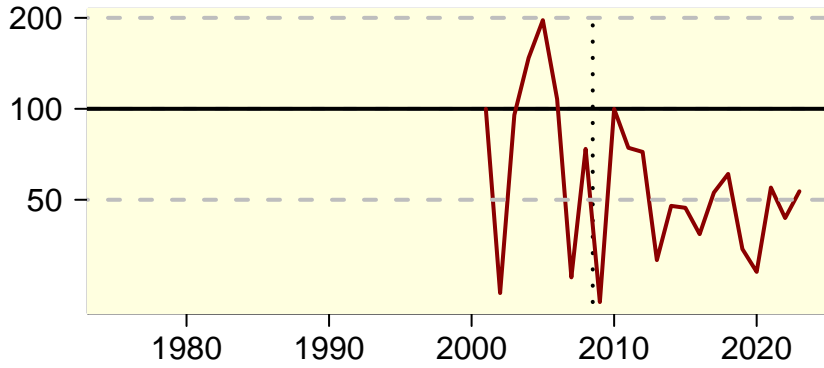
Nokkavarpunen *Coccothraustes coccothraustes*
(5, 7, ns; 6, 3.3, ns)



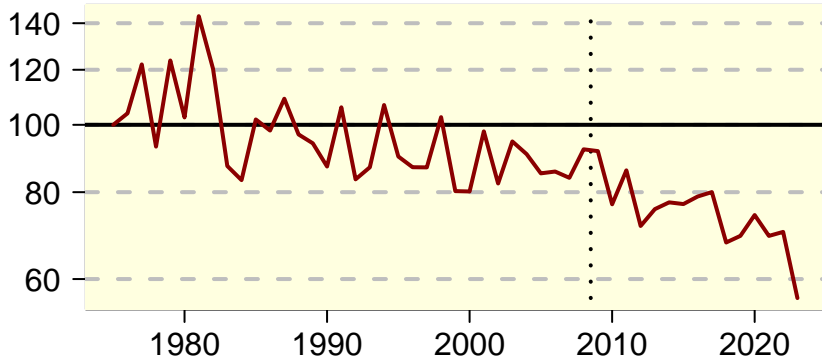
Lapinsirkku *Calcarius lapponicus*
(106, -4.2, *; 115, -3.9, ns)



Pulmunen *Plectrophenax nivalis*
(12, -3.4, ns; 16, -0.2, ns)

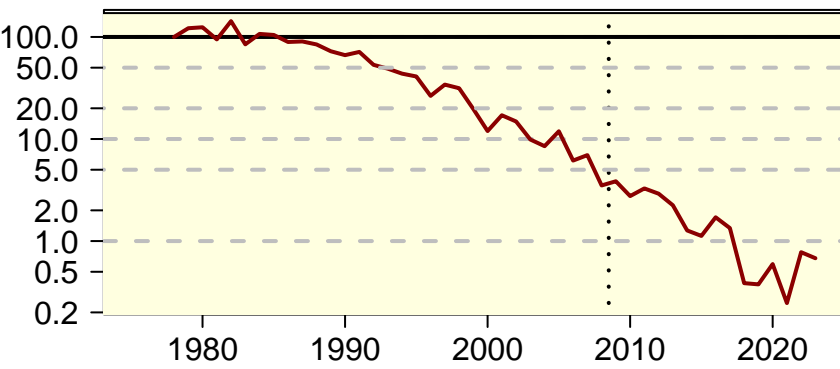


Keltasirkku *Emberiza citrinella*
(888, -1, **, 1741, -1.9, **)



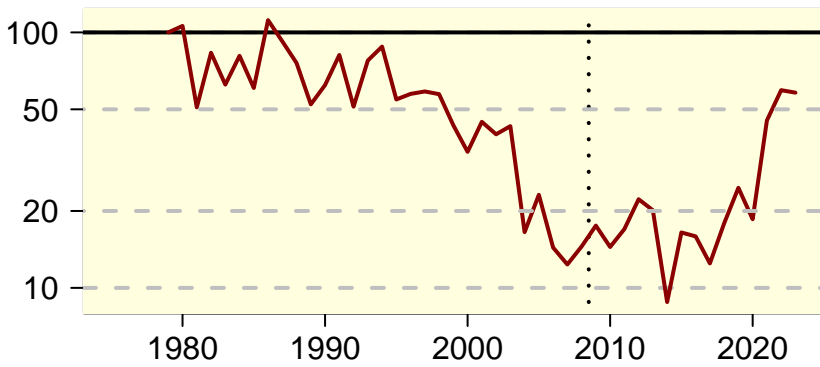
Peltosirkku *Emberiza hortulana*

(64, -13.9, **; 16, -16.3, **)



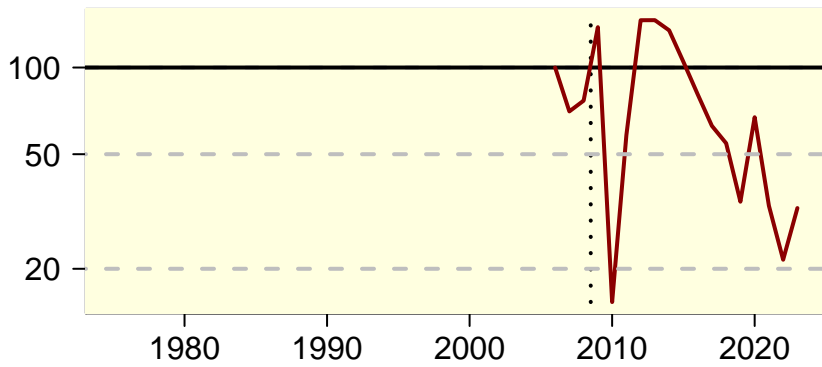
Pohjansirkku *Emberiza rustica*

(84, -4, **; 166, 8.1, **)



Pikkusirkku *Emberiza pusilla*

(21, -5.7, **; 24, -7.4, *)



Pajusirkku *Emberiza schoeniclus*

(239, -2, **, 328, 0.4, ns)

