

1) Female competition

Explanatory variable

expected association

observed association

89% CI estimate

sample size (number of species)

number of studies with:

strict male dominance

no sex bias in dominance

strict female dominance

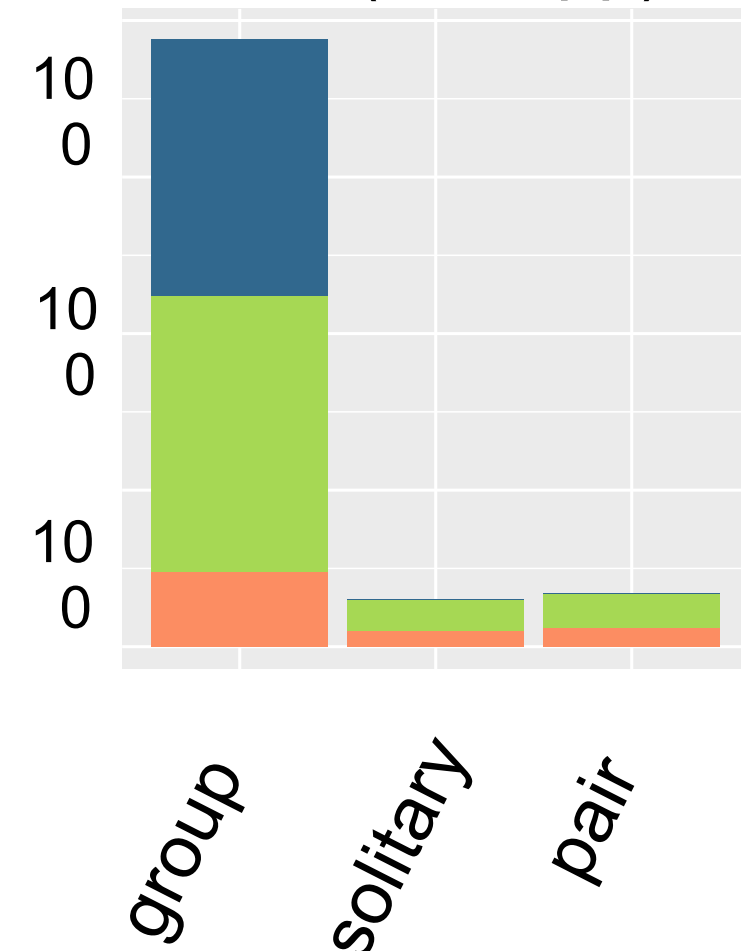
a) Social organisation

+

+

+0.15 to +0.44

226 (117 spp)



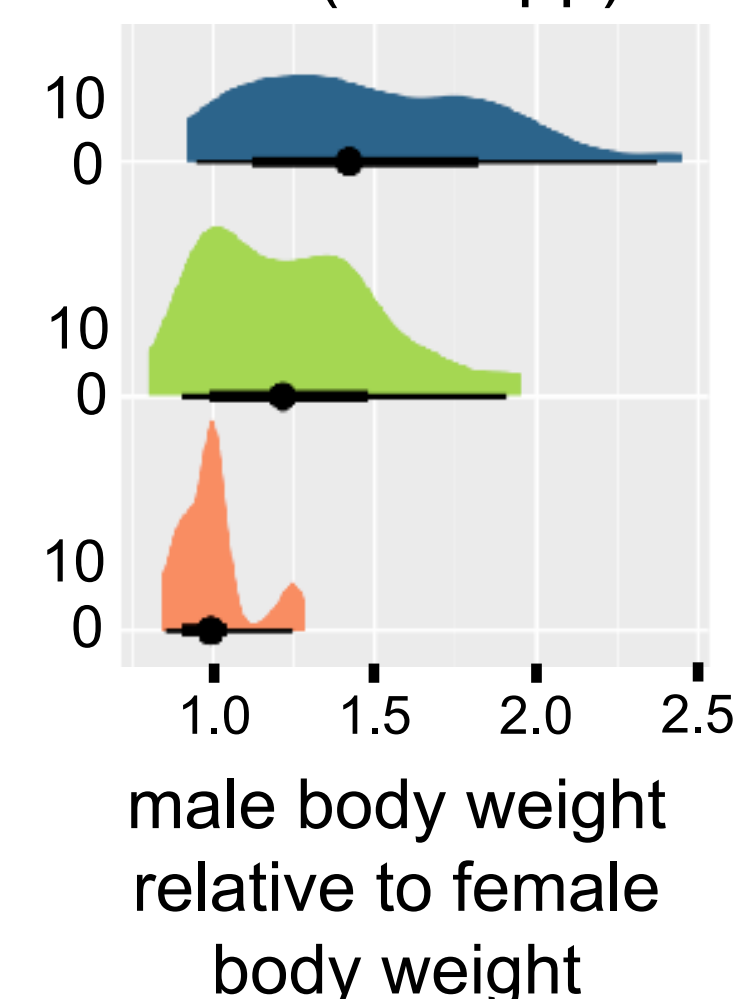
b) Sexual size dimorphism

-

-

-1.28 to -0.09

226 (117 spp)



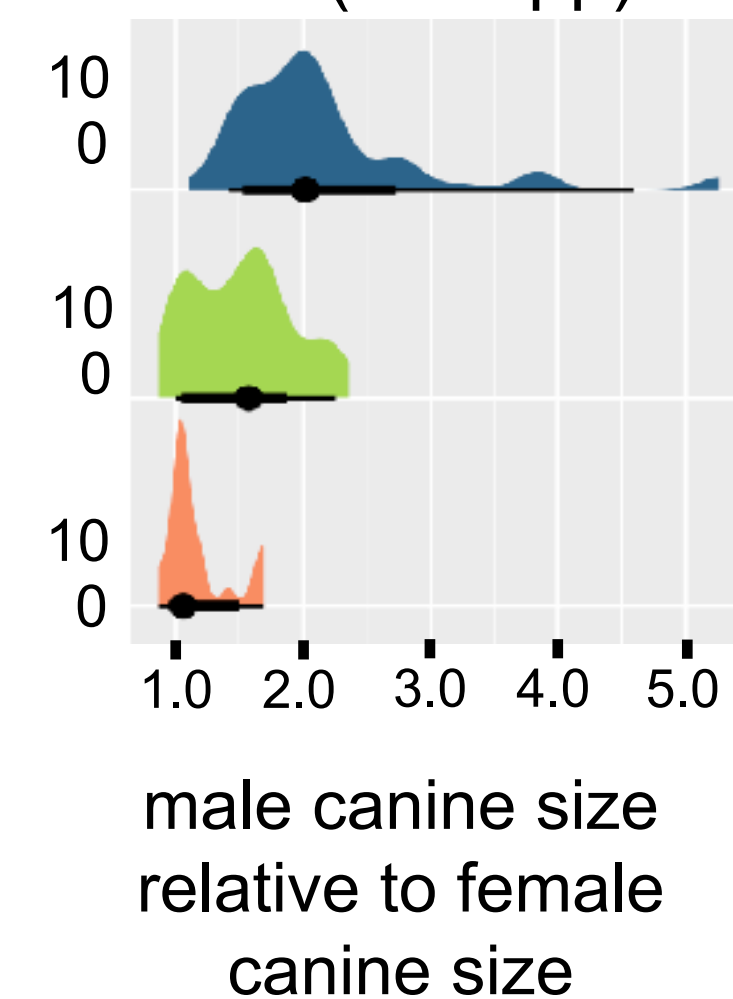
c) Canine size dimorphism

-

-

-2.93 to -1.05

226 (117 spp)



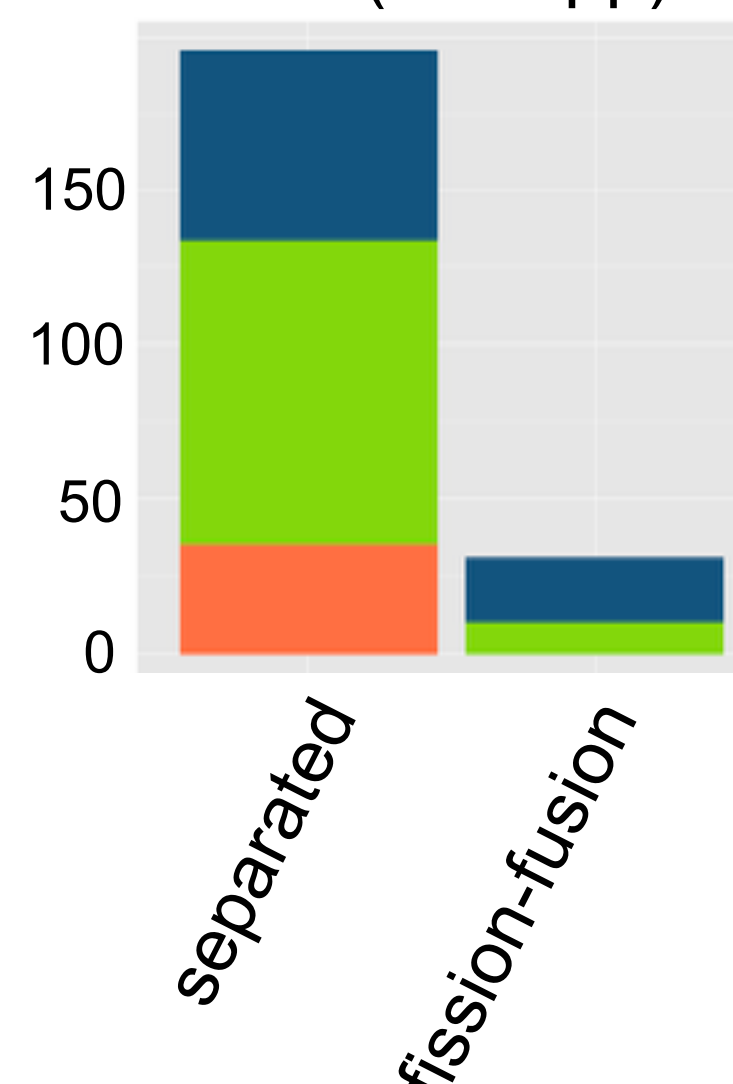
d) Fission-fusion

-

-

+0.15 to +0.44

226 (117 spp)



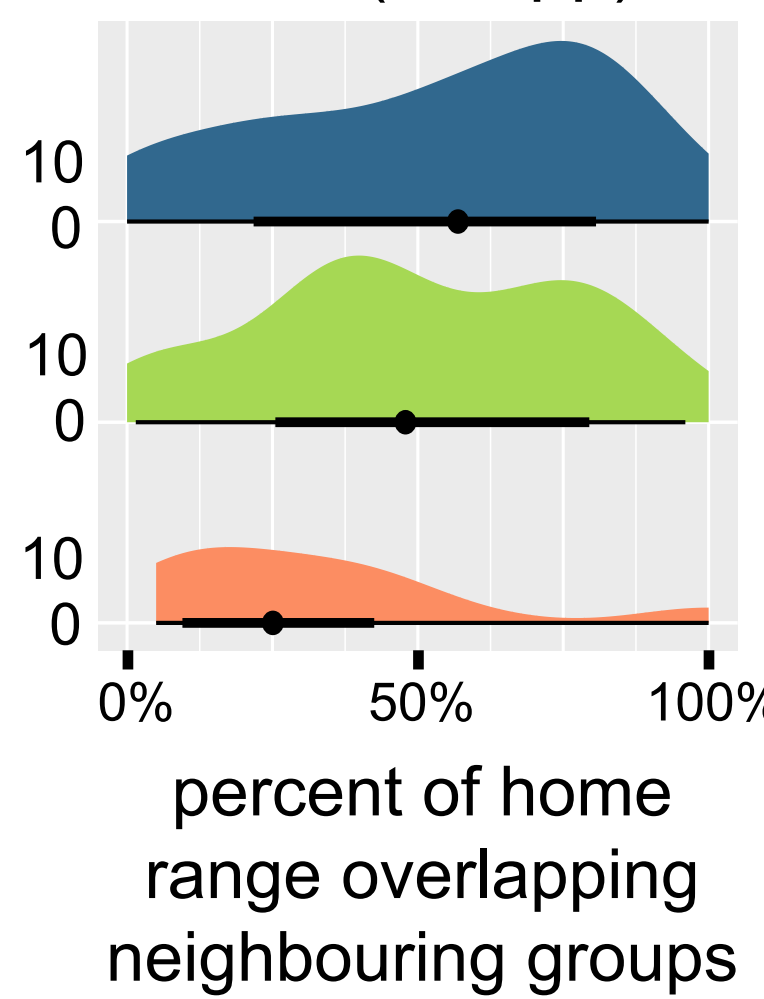
e) Homerange overlap

-

-

-0.63 to -0.10

138 (62 spp)



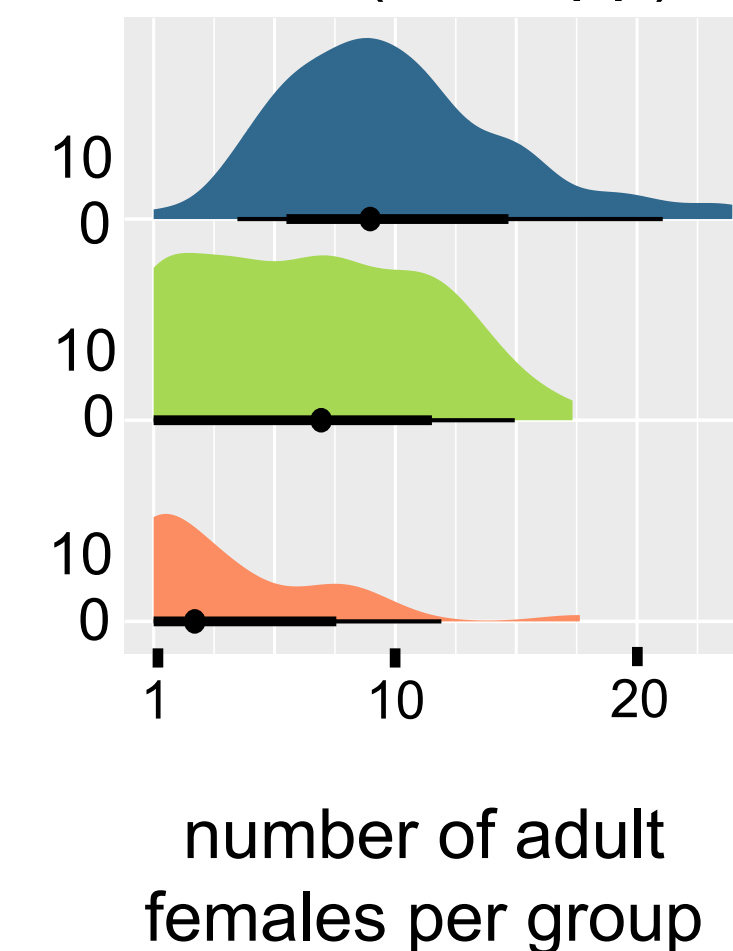
f) Number of females

-

-

-1.26 to -0.73

201 (105 spp)



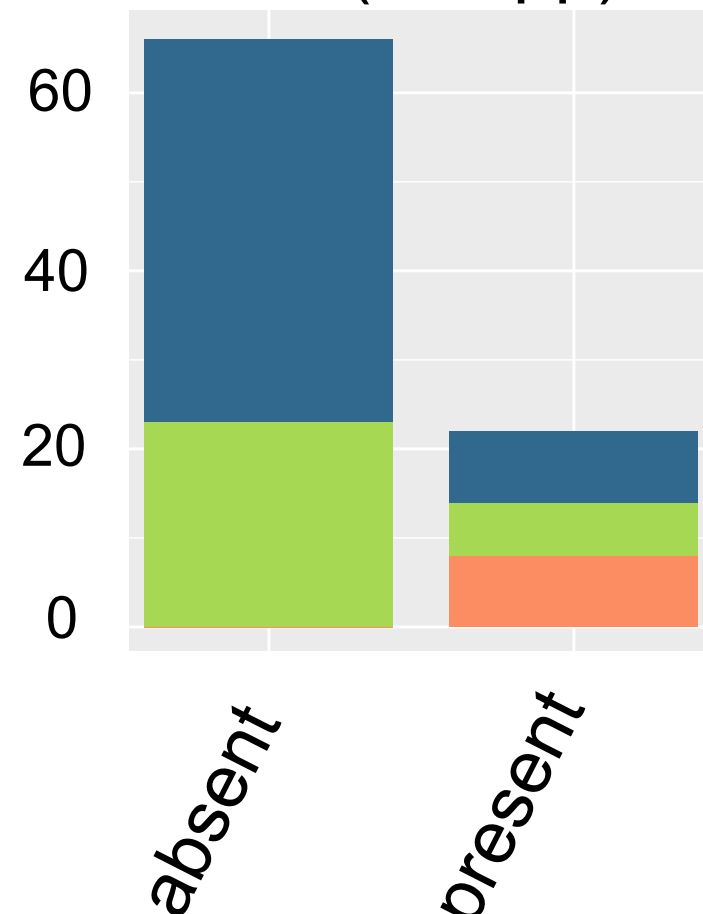
g) Female evictions

+

+

+0.08 to +0.42

88 (31 spp)



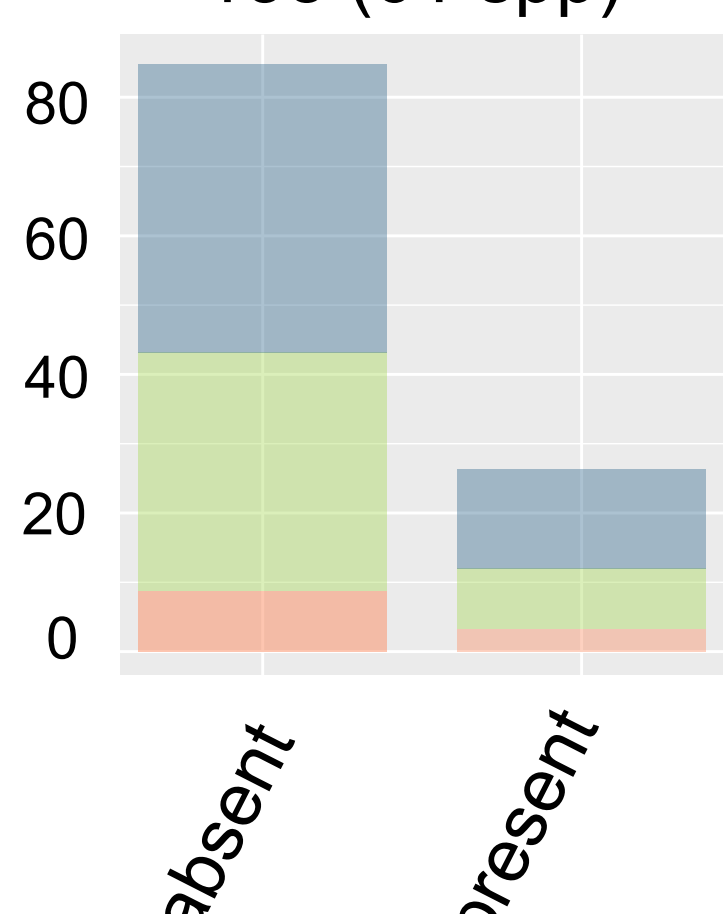
h) Female infanticide

+

=

-0.12 to +0.17

138 (61 spp)



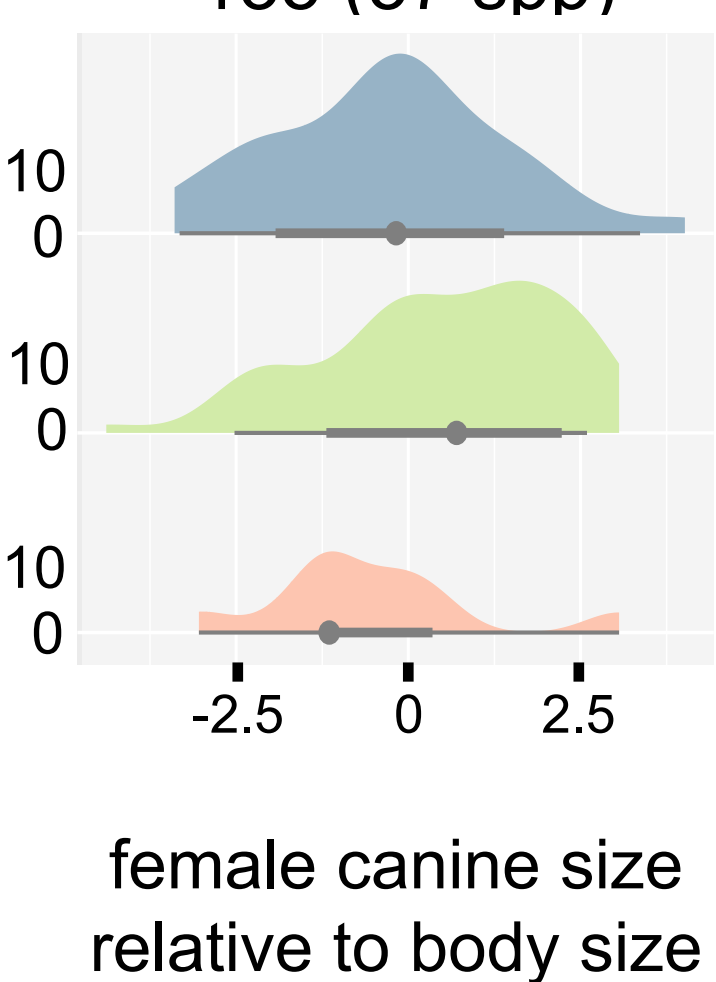
i) Relative canine size

+

=

-0.10 to +0.47

135 (57 spp)



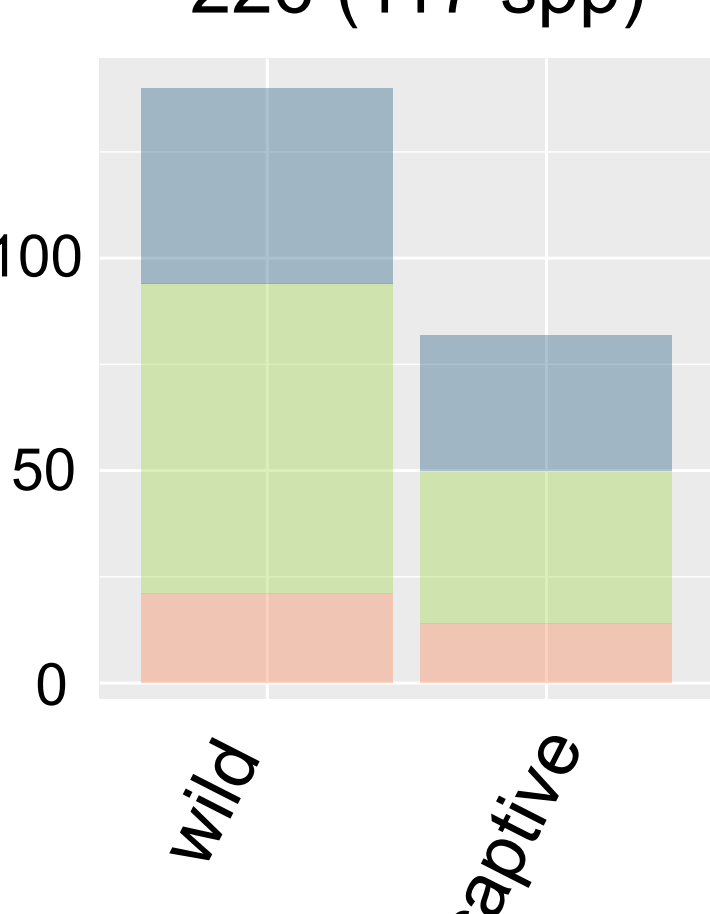
j) Population origin

+

=

-0.07 to +0.15

226 (117 spp)



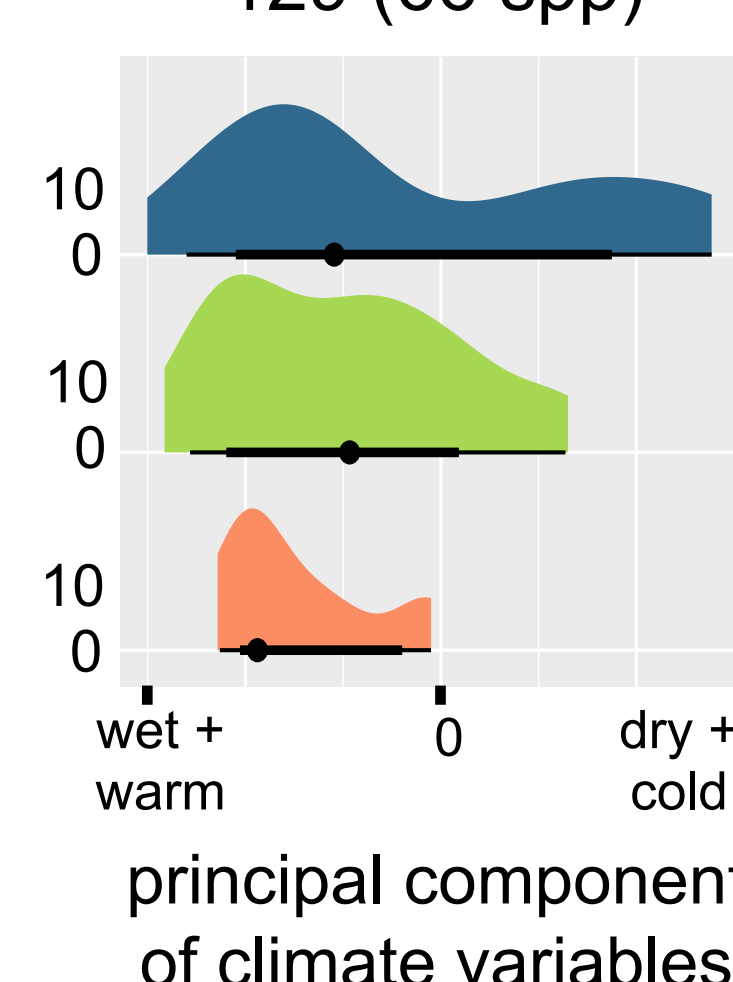
k) Harshness of environment

+

-

-0.82 to -0.01

129 (66 spp)



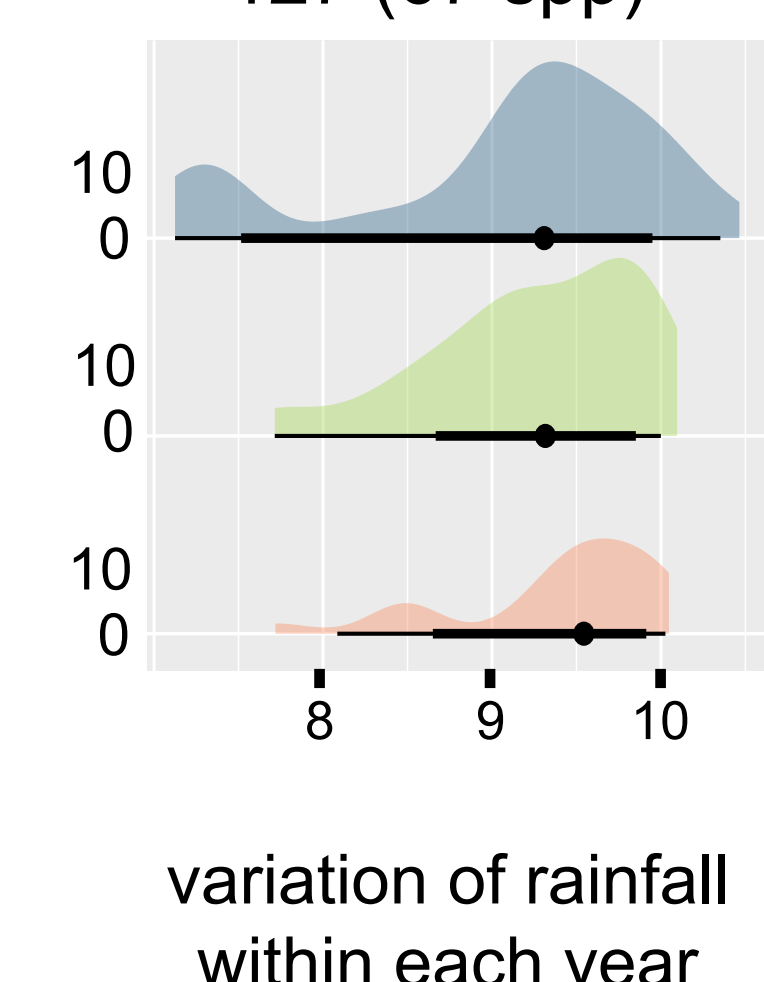
l) Rainfall seasonality

+

=

-0.10 to +0.61

127 (67 spp)



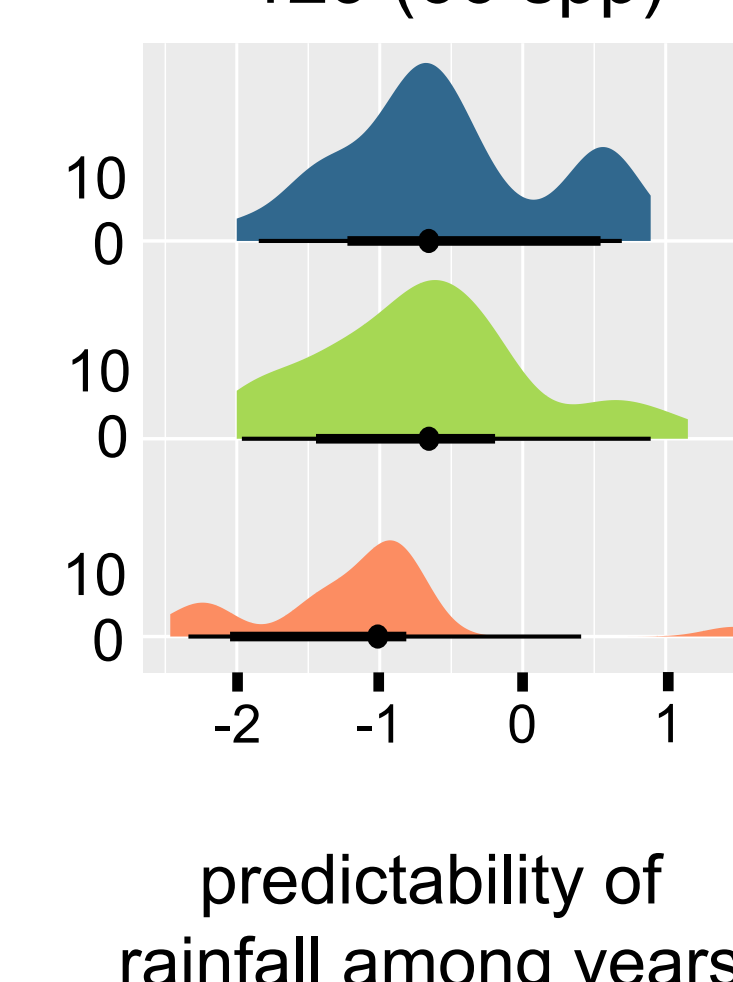
m) Rainfall unpredictability

+

-

-0.81 to -0.10

129 (66 spp)



2) Reproductive control

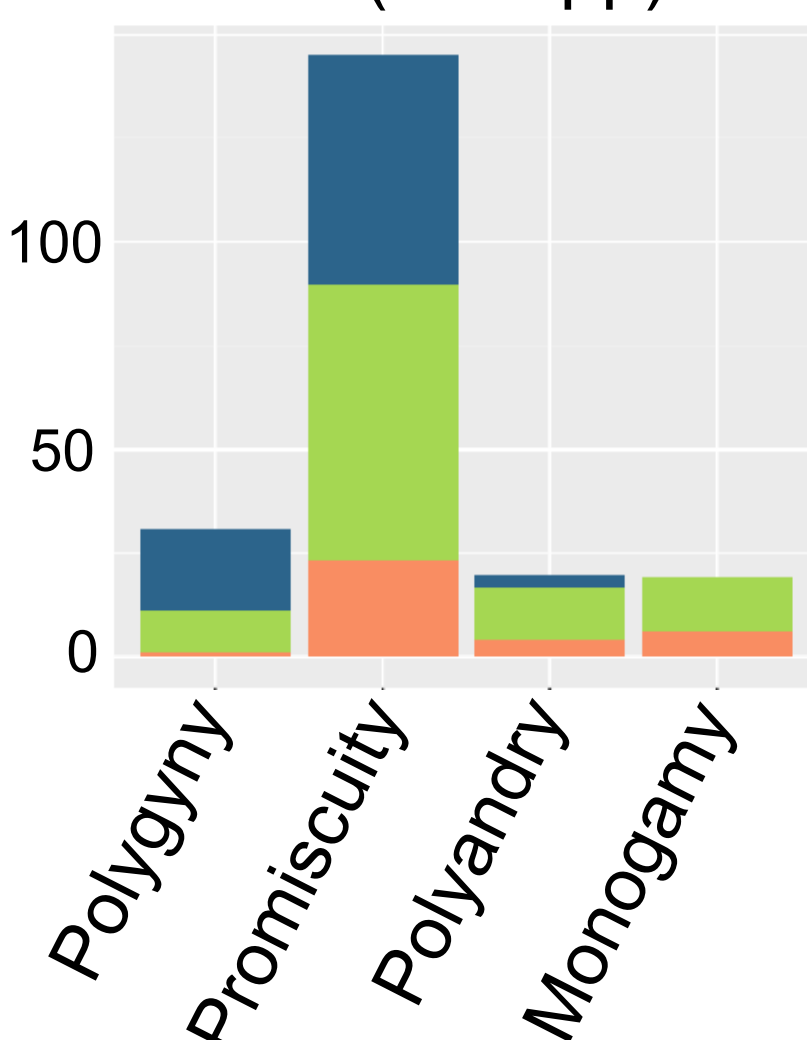
a) Mating system

+

+

+0.11 to +0.43

215 (111 spp)



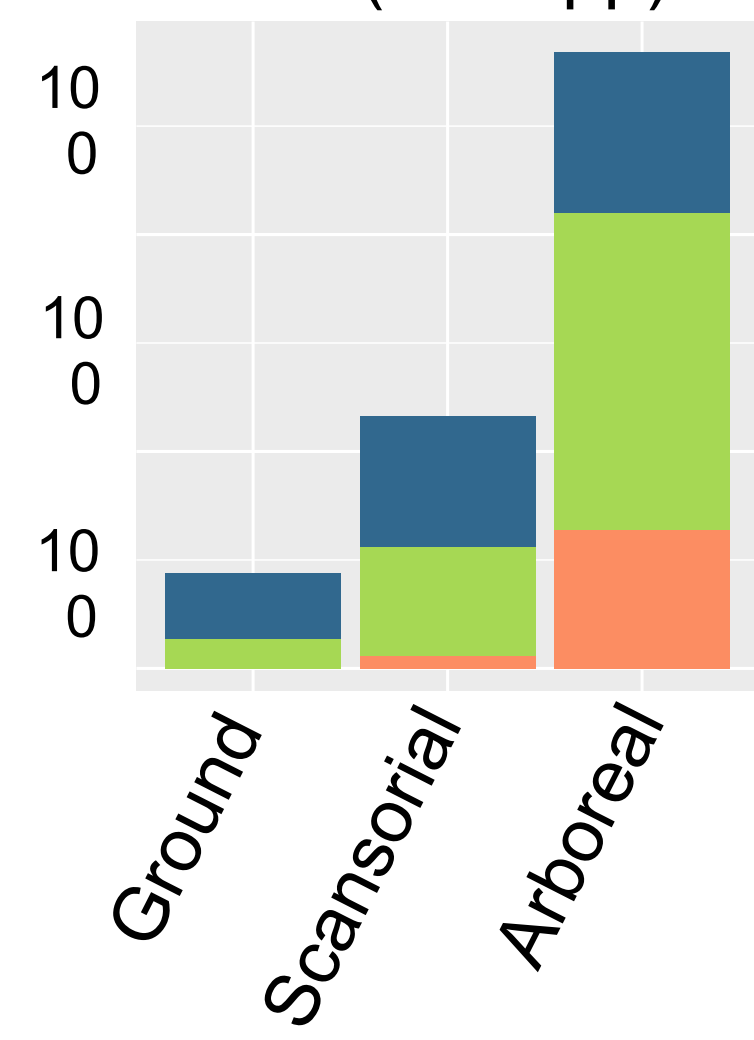
b) Foraging location

+

+

+0.21 to +0.47

222 (114 spp)



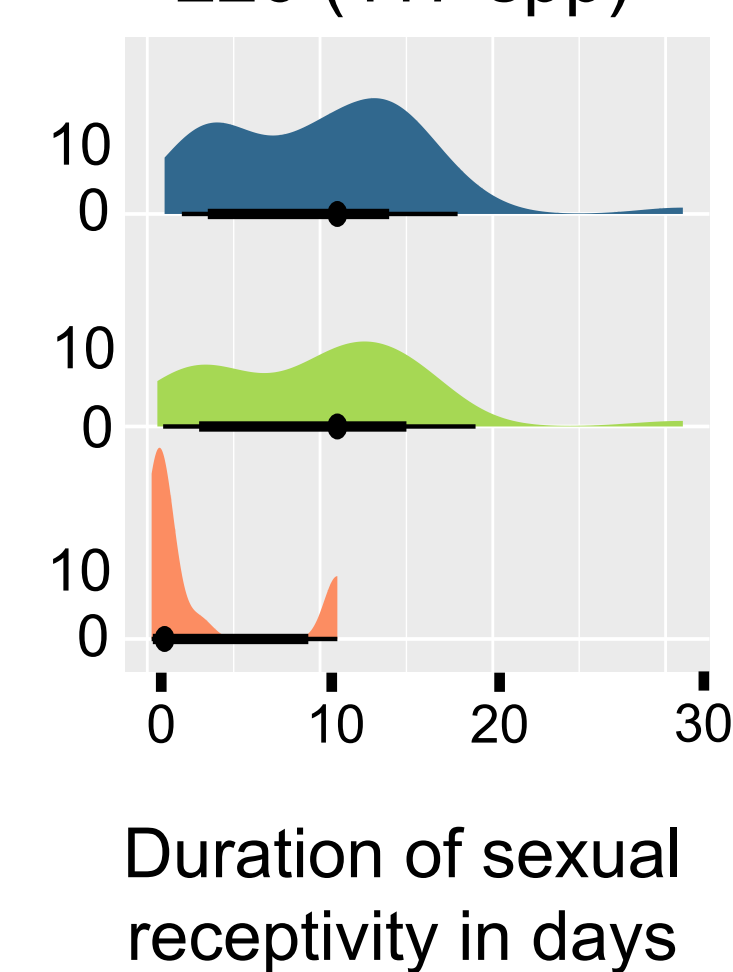
c) Sexual receptivity

-

-

-1.28 to -0.09

226 (117 spp)



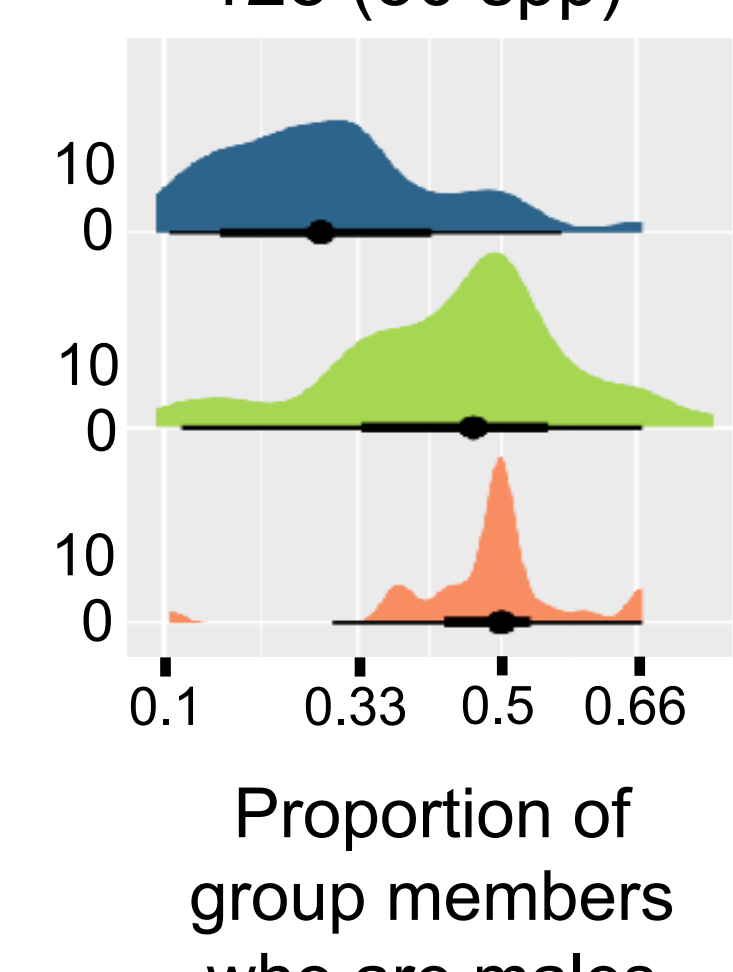
d) Adult sex ratio

+

+

-1.37 to -0.57

128 (50 spp)



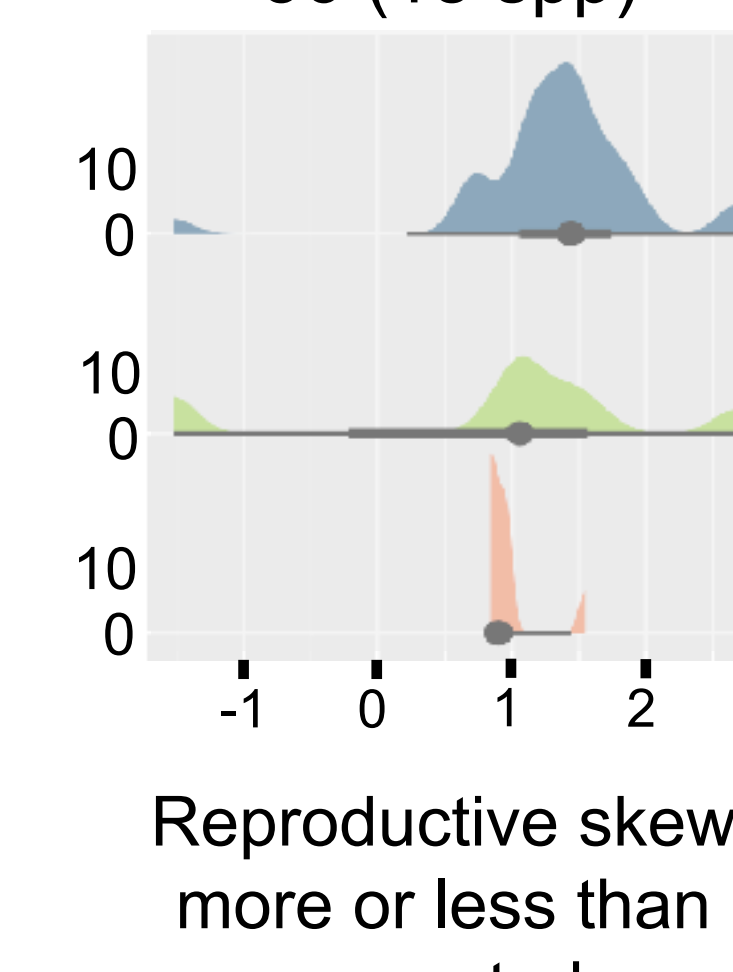
e) Male reproductive skew

-

=

+0.80 to +1.36

56 (18 spp)



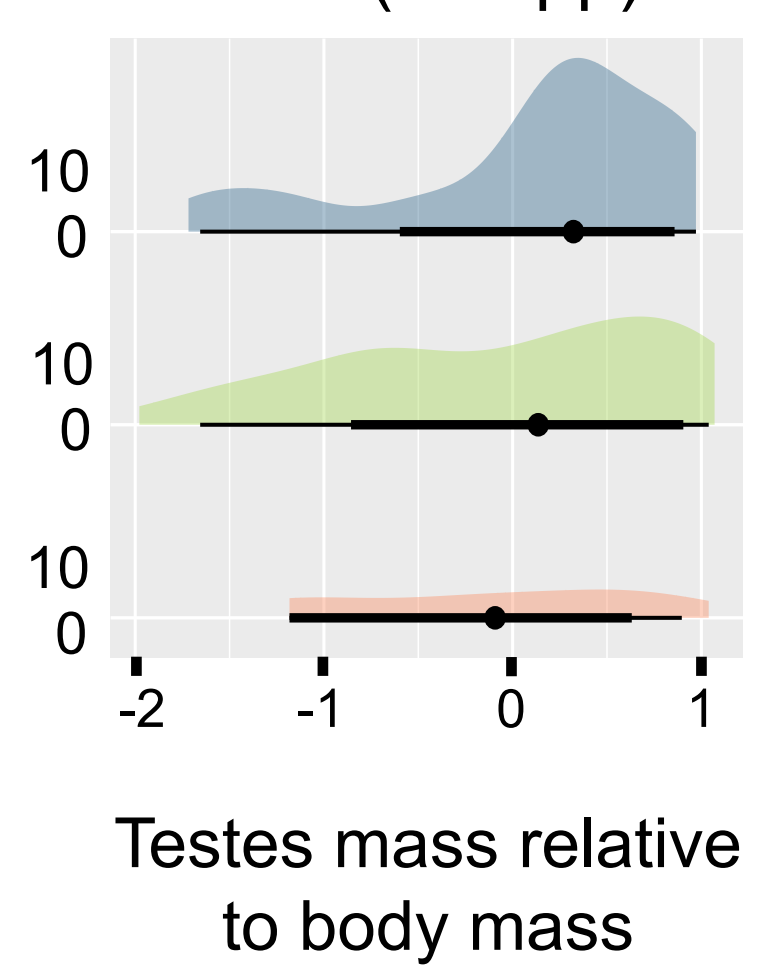
f) Relative testes mass

+

=

-0.68 to +0.09

126 (51 spp)



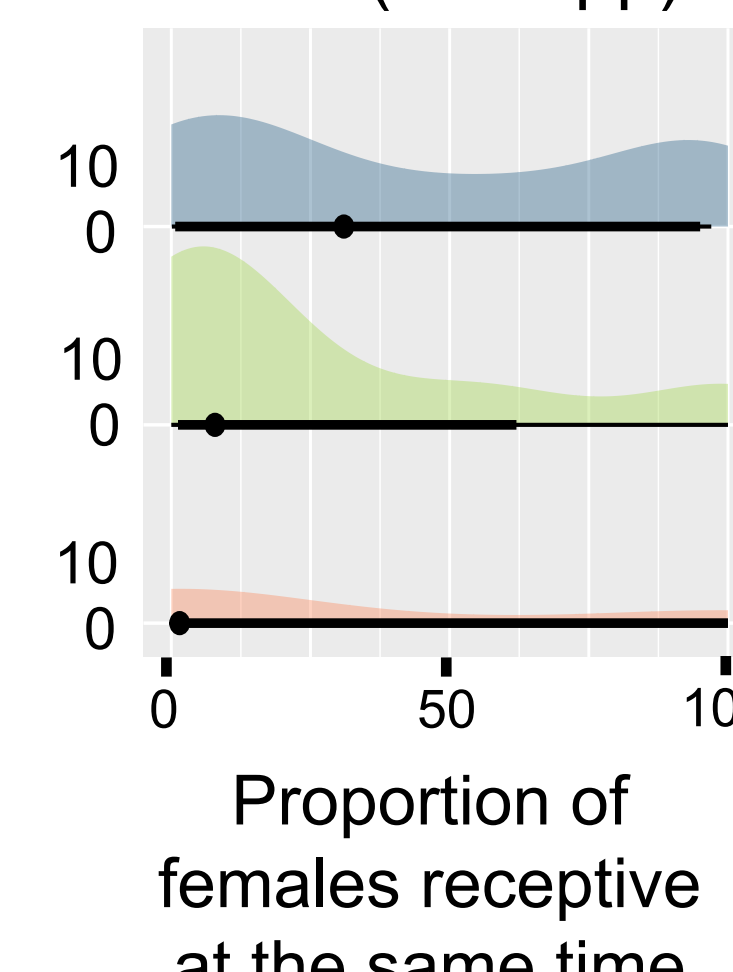
g) Receptive synchrony

+

=

-0.35 to +0.38

201 (105 spp)



3) Female bonds

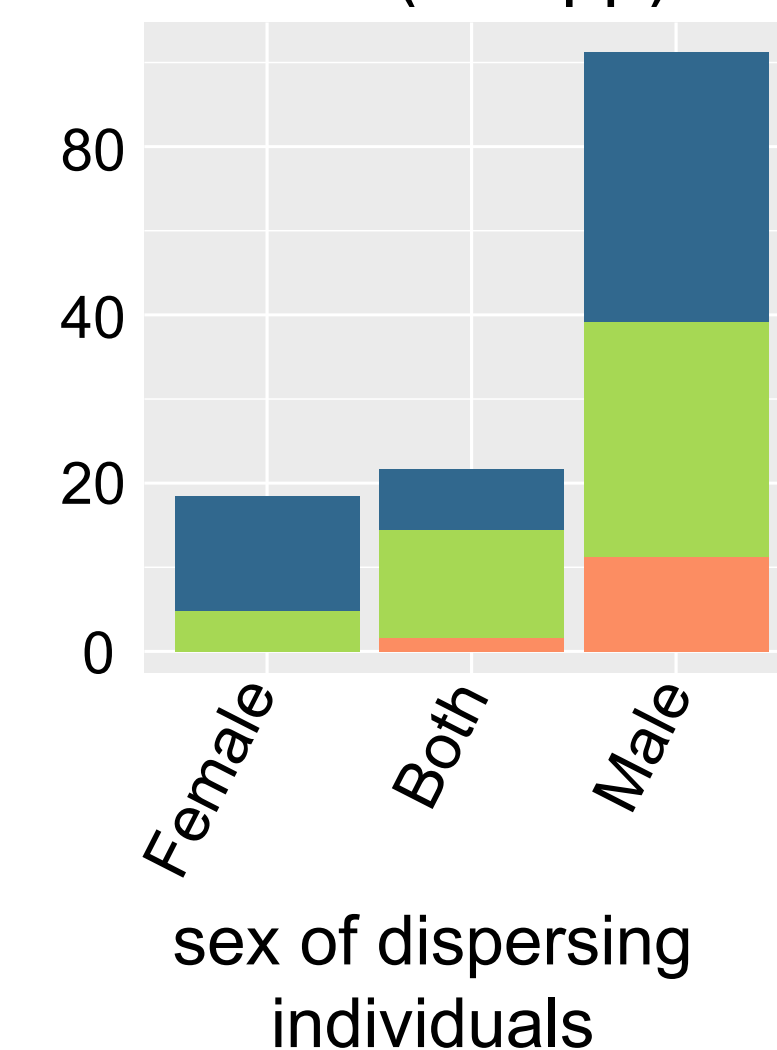
a) Sex bias in dispersal

+

+

+0.06 to +0.38

139 (65 spp)



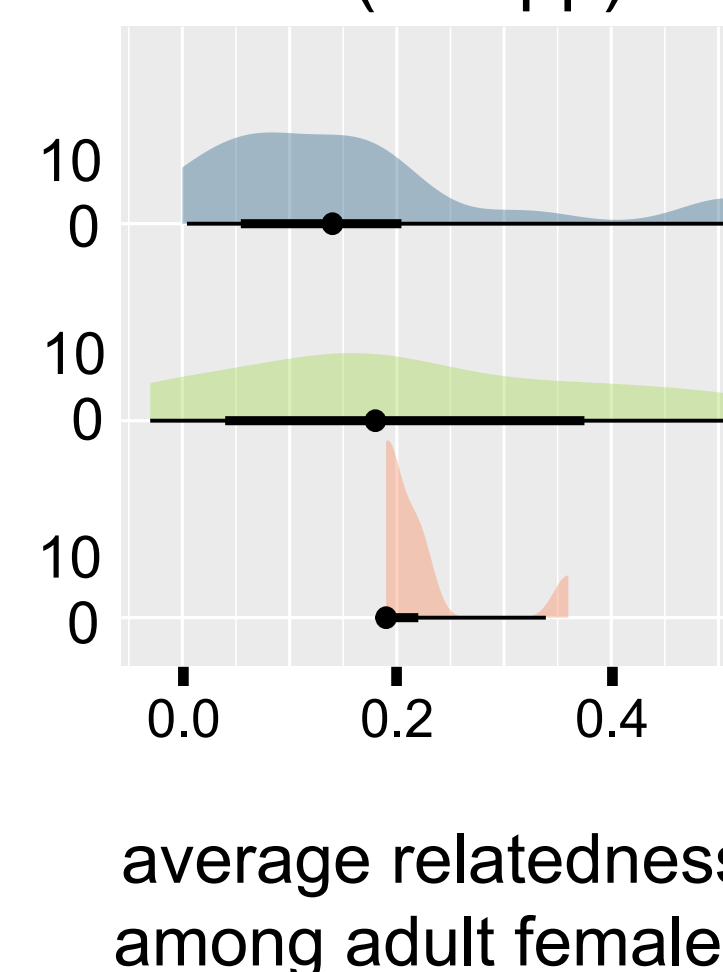
b) Female relatedness

+

=

-0.24 to +0.64

47 (16 spp)



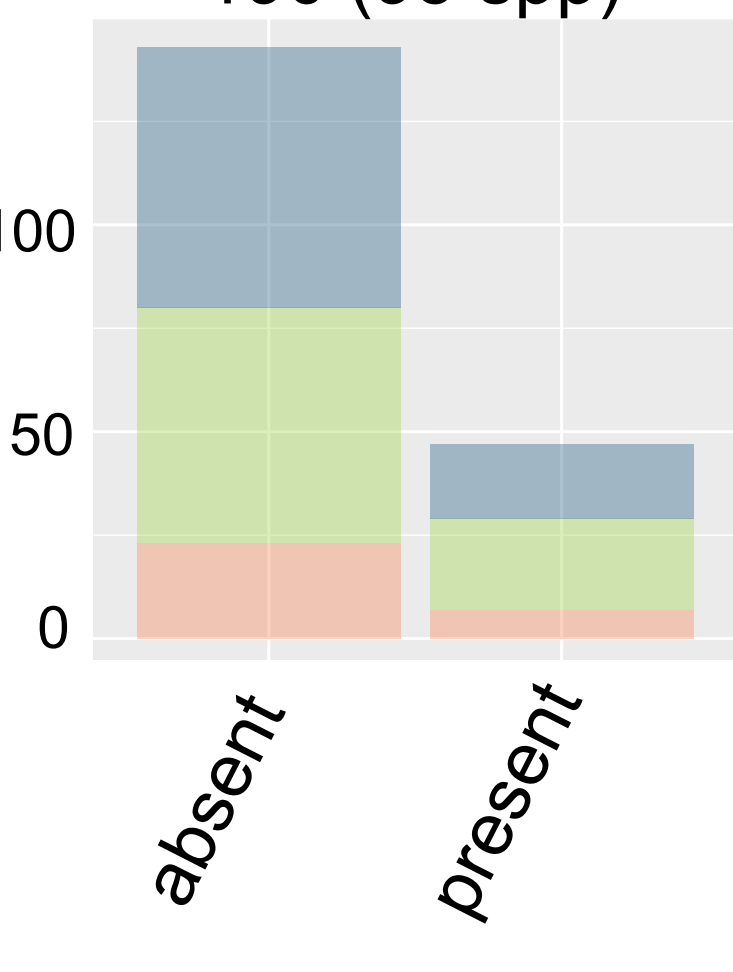
c) Female coalitions

+

=

-0.17 to +0.07

190 (95 spp)



4) Self-organisation

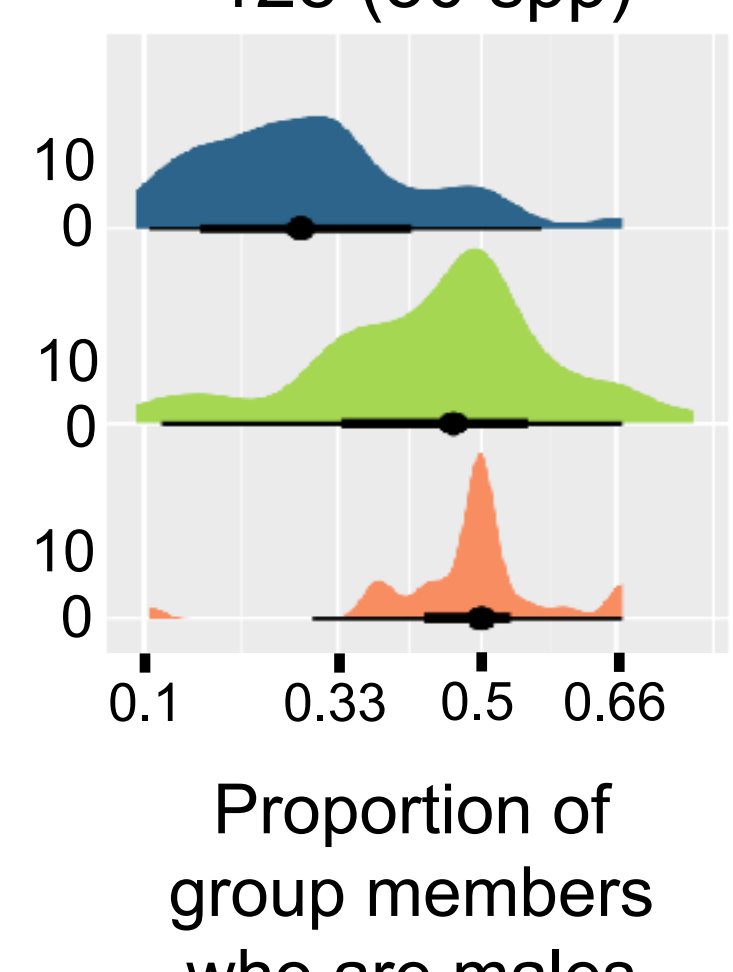
a) Adult sex ratio

+

+

-1.37 to -0.57

128 (50 spp)



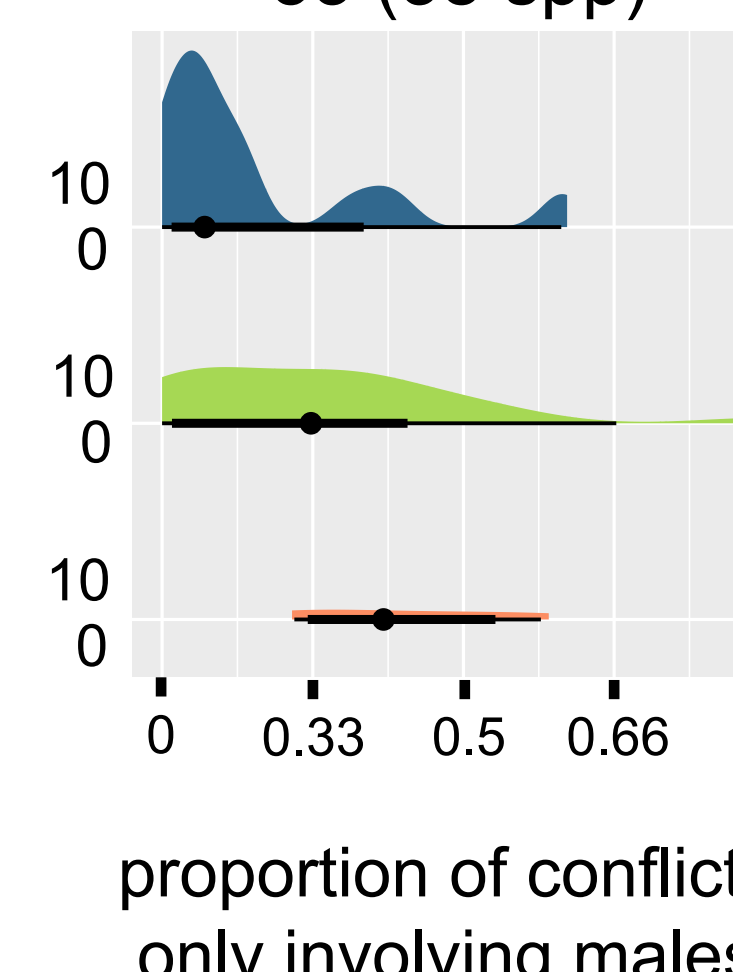
b) Male-male conflicts

+

+

+0.19 to +1.12

53 (38 spp)



c) Number of males

+

-

-0.46 to -0.01

201 (105 spp)



Explanatory variable

expected association

observed association

89% CI estimate

sample size (number of species)

strict male dominance

no sex bias in dominance

strict female dominance

number of studies with: