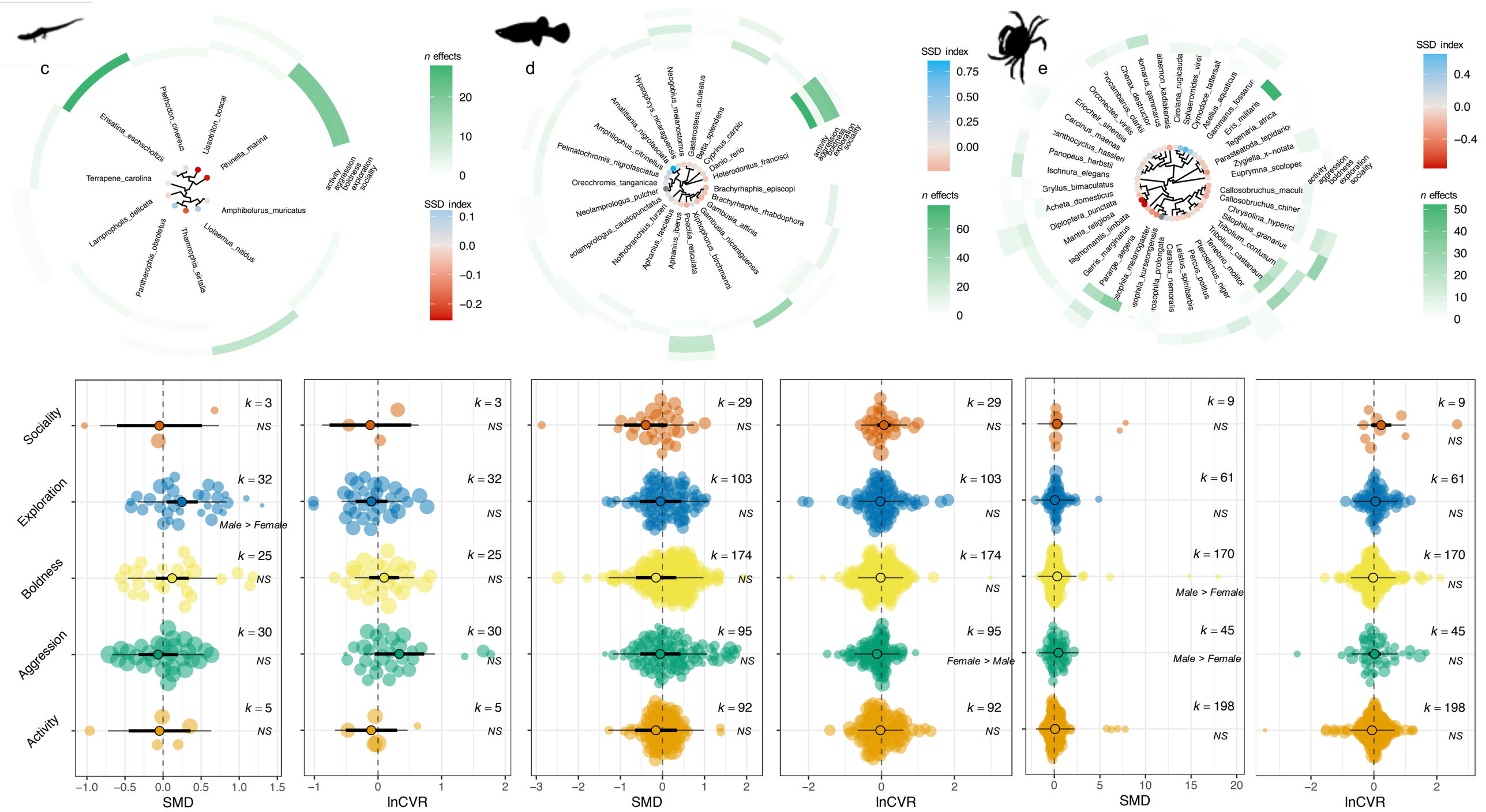
c
Ensatina_eschscholtzii
Plethodon_cinereus
Lissotriton_boscai
Rhinella_marina
Terrapene_carolina
Amphibolurus_muricatus
Lampropholis_delicata
Pantherophis_obsoletus
Thamnophis_sirtalis
Liolaemus_nitidus
activity
aggression
boldness
exploration
sociality
n effects
20
10
0
SSD index
0.1
0.0
−0.1
−0.2
d
Neogobius_melanostomus
Hypsophrys_nicaraguensis
Amatitlania_nigrofasciata
Amphilophus_citrinellus
Pelmatochromis_nigrofasciatus
Oreochromis_tanganicae
Neolamprologus_pulcher
Neolamprologus_caudopunctatus
Nothobranchius_furzeri
Aphanius_fasciatus
Aphanius_iberus
Poecilia_reticulata
Xiphophorus_birchmanni
Gambusia_nicaraguensis
Gambusia_affinis
Brachyrhaphis_rhabdophora
Brachyrhaphis_episcopi
Heterodontus_francisci
Danio_rerio
Cyprinus_carpio
Betta_splendens
Gasterosteus_aculeatus
SSD index
0.75
0.50
0.25
0.00
n effects
60
40
20
0
e
Homarus_gammarus
Cherax_destructor
Procambarus_clarkii
Orconectes_virilis
Eriocheir_sinensis
Carcinus_maenas
Panopeus_herbstii
Ischnura_elegans
Gryllus_bimaculatus
Acheta_domesticus
Diploptera_punctata
Mantis_religiosa
Tagmomantis_limbata
Gerris_marginatus
Paratrge_aegeria
Drosophila_melanogaster
Drosophila_kurseongensis
Drosophila_prolongata
Carabus_nemoralis
Leistus_spinibarbis
Percus_politus
Pterostichus_niger
Tenebrio_molitor
Tribolium_castaneum
Tribolium_confusum
Sitophilus_granarius
Chrysolina_hyperici
Callosobruchus_chinensis
Callosobruchus_maculatus
Euprymna_scolopes
Zygiella_x-notata
Parasteatoda_tepidariorum
Tegenaria_atrica
Eris_militaris
Gammarus_fossarum
Asellus_aquaticus
Sphaeromides_virei
Cymodoce_tattersalli
Cirolana_rugicauda
Calaemon_kadiakensis
activity
aggression
boldness
exploration
sociality
SSD index
0.4
0.0
−0.4
n effects
50
40
30
20
10
0
Sociality
Exploration
Boldness
Aggression
Activity
k = 3
NS
k = 32
Male > Female
k = 25
NS
k = 30
NS
k = 5
NS
k = 29
NS
k = 103
NS
k = 174
NS
k = 95
Female > Male
k = 92
NS
k = 9
NS
k = 61
NS
k = 170
Male > Female
k = 45
Male > Female
k = 198
NS
−1.0
−0.5
0.0
0.5
1.0
1.5
SMD
−1
0
1
2
lnCVR
−3
−2
−1
0
1
2
SMD
−2
0
2
lnCVR
0
5
10
15
20
SMD
−2
0
2
lnCVR