environmental filtering experiment
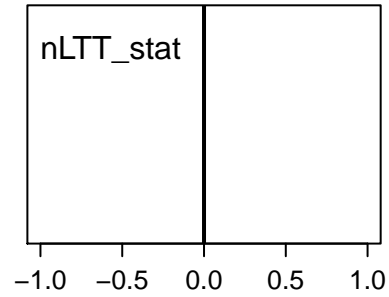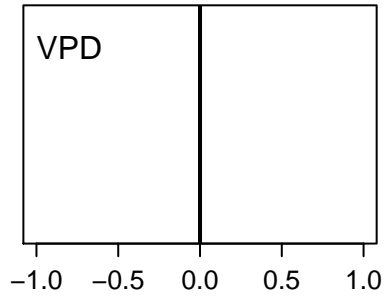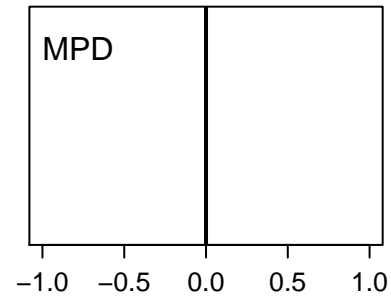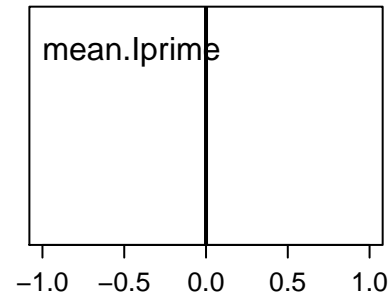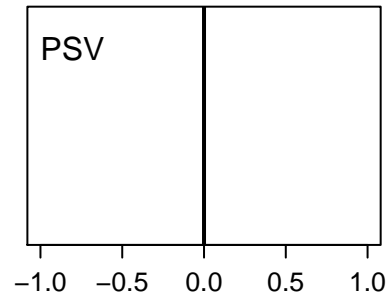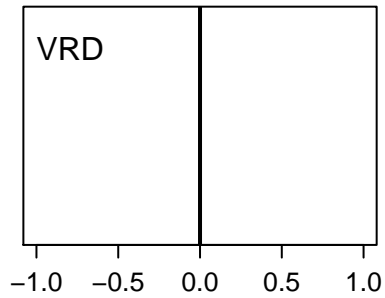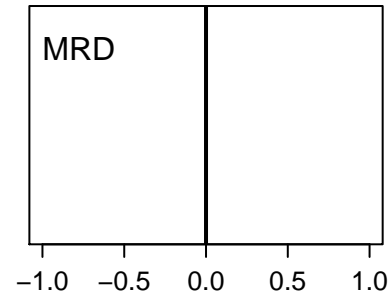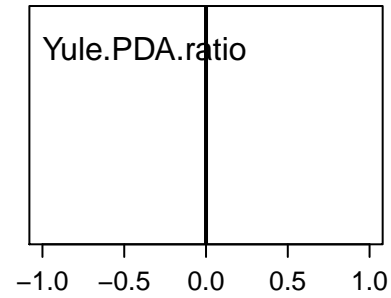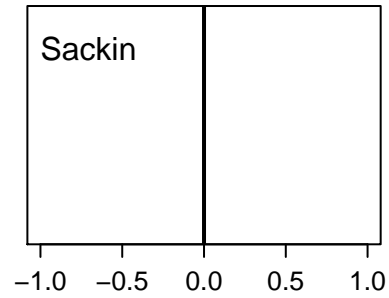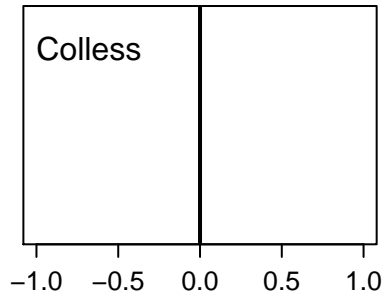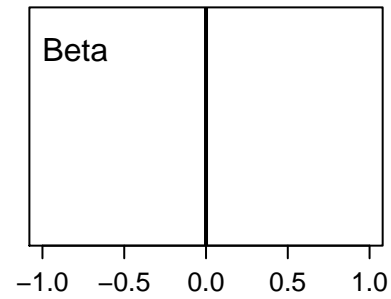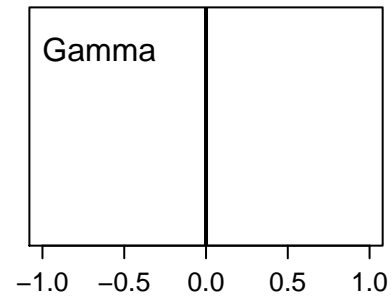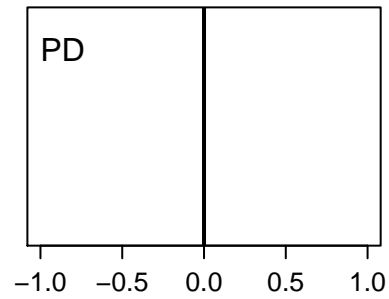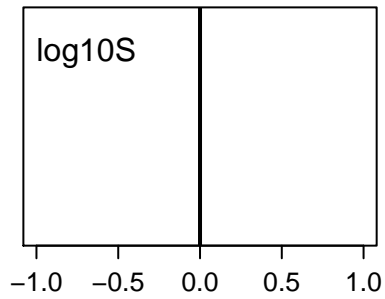
correlation coefficient

niche conservatism experiment

| log10S | PD | Gamma | Beta |

| Colless | Sackin | Yule.PDA.ratio | MRD |

| VRD | PSV | mean.Iprime | MPD |

| VPD | nLTT_stat | |
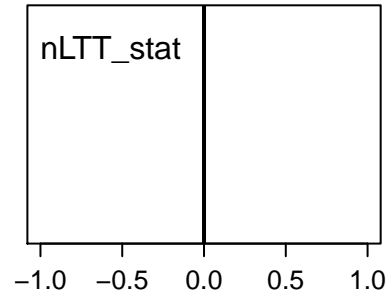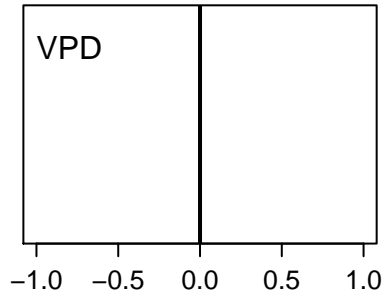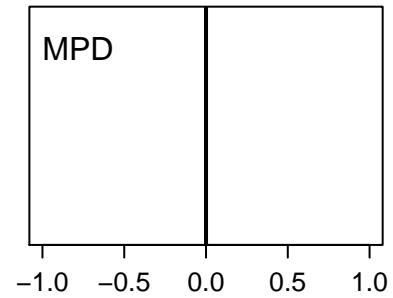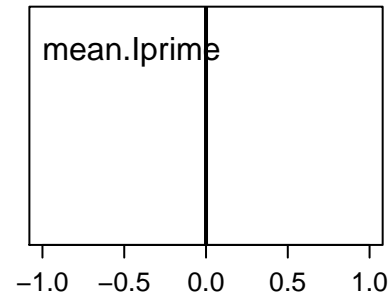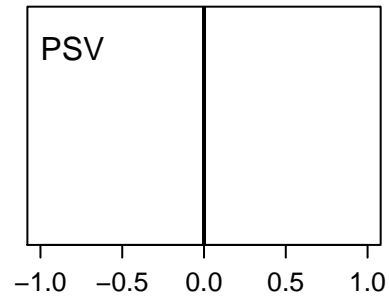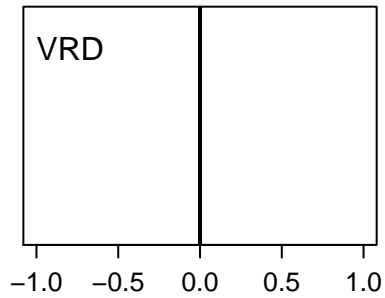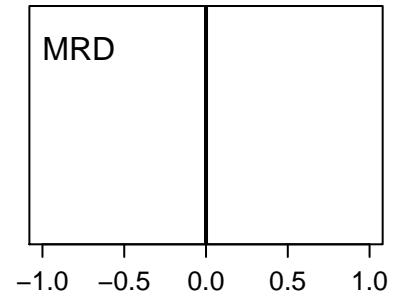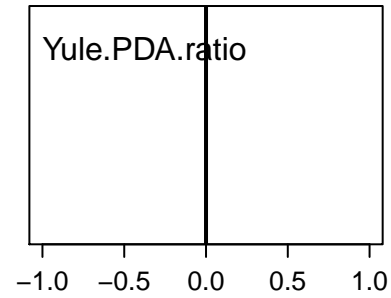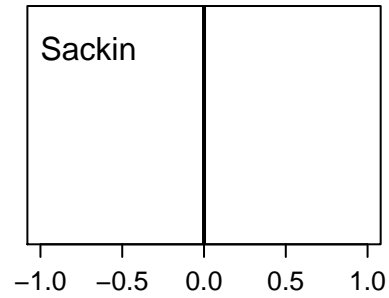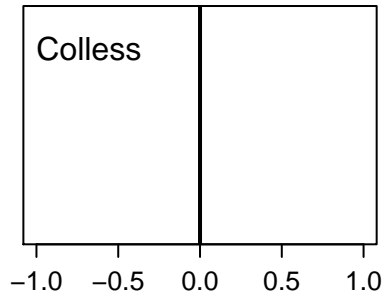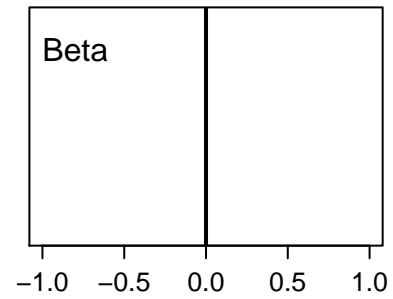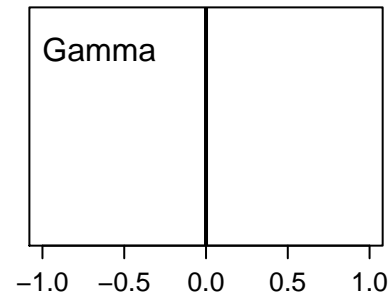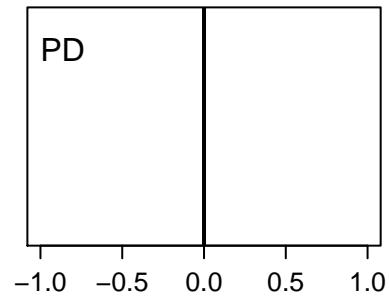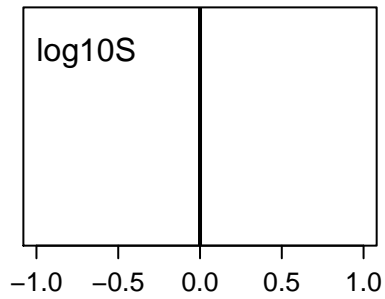
ca – Niche_evolution
pontarp – mutation_step
hs.N – sigma_E
hs.D – sigma_E
hs.S – sigma_E
hs.K – sigma_E

correlation coefficient

dispersal experiment
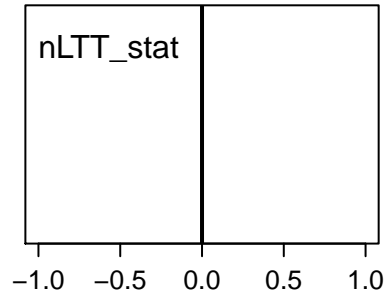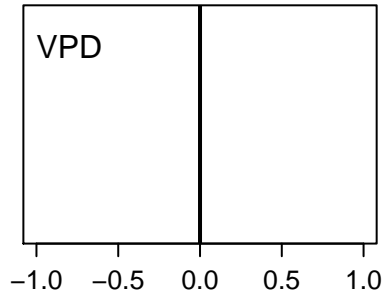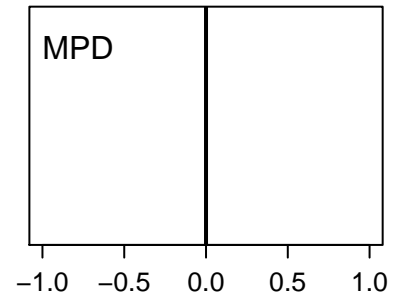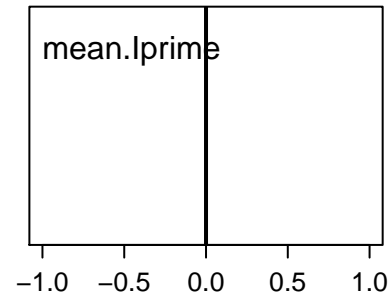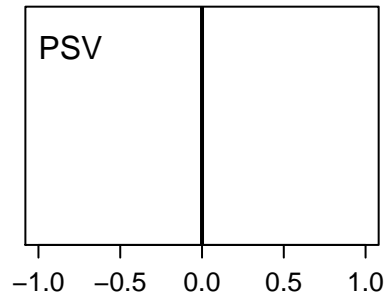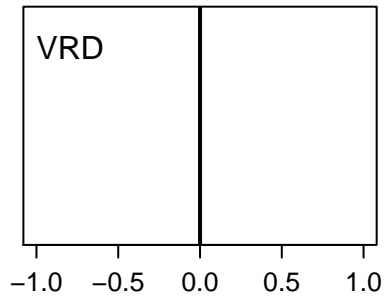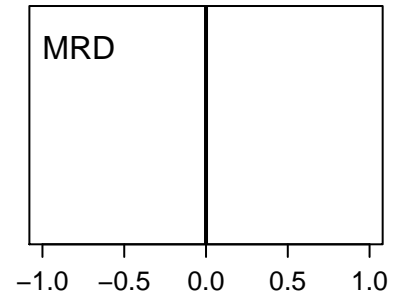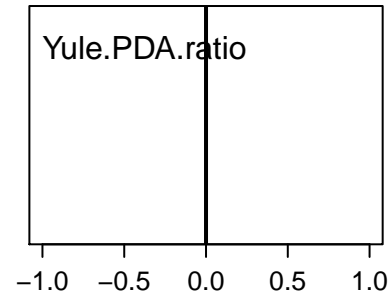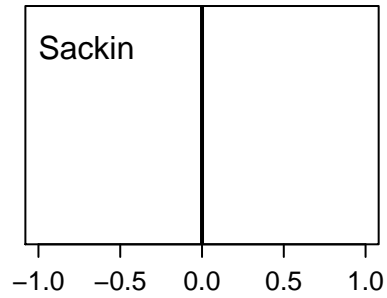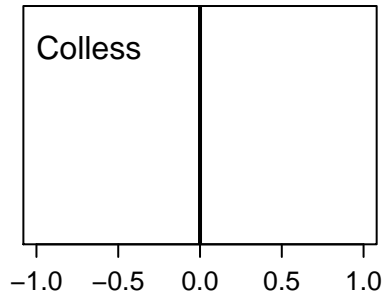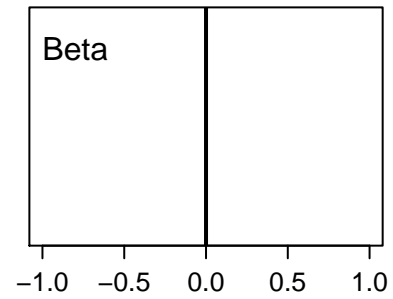
correlation coefficient

mutation/speciation rate experiment

log10S   −1.0 −0.5 0.0 0.5 1.0

PD   −1.0 −0.5 0.0 0.5 1.0

Gamma   −1.0 −0.5 0.0 0.5 1.0

Beta   −1.0 −0.5 0.0 0.5 1.0
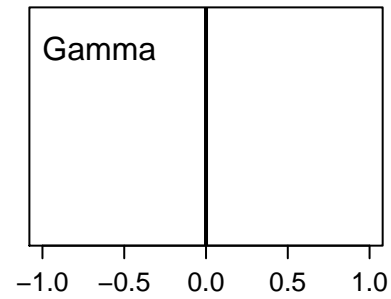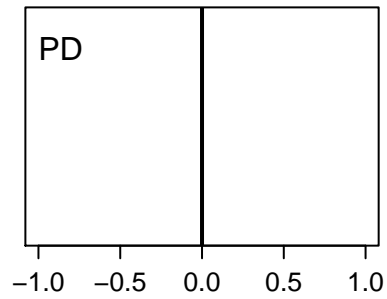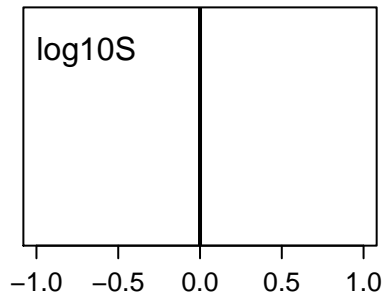
Colless   −1.0 −0.5 0.0 0.5 1.0

Sackin   −1.0 −0.5 0.0 0.5 1.0

Yule.PDA.ratio   −1.0 −0.5 0.0 0.5 1.0

MRD   −1.0 −0.5 0.0 0.5 1.0

VRD   −1.0 −0.5 0.0 0.5 1.0

PSV   −1.0 −0.5 0.0 0.5 1.0

mean.Iprime   −1.0 −0.5 0.0 0.5 1.0

MPD   −1.0 −0.5 0.0 0.5 1.0

VPD   −1.0 −0.5 0.0 0.5 1.0

nLTT_stat   −1.0 −0.5 0.0 0.5 1.0
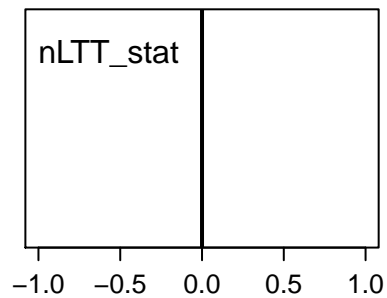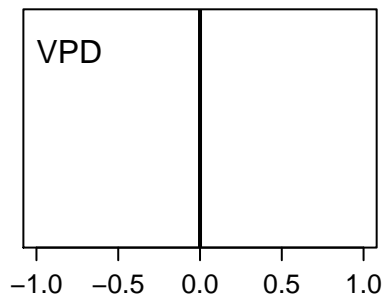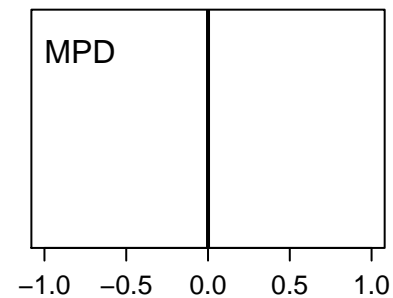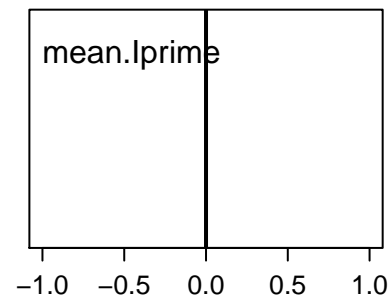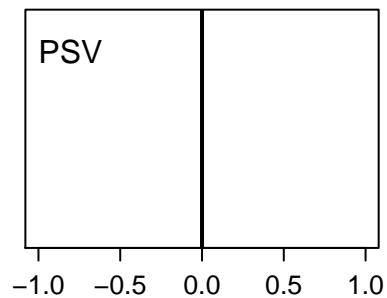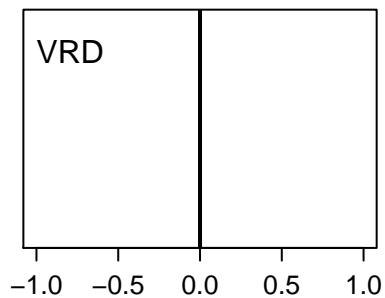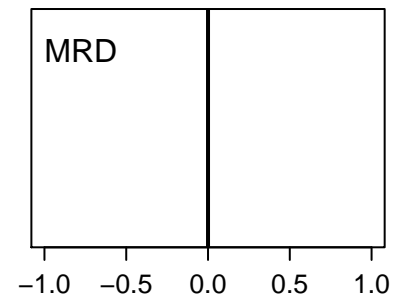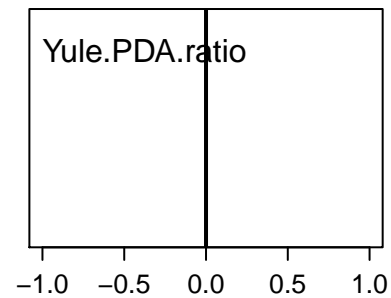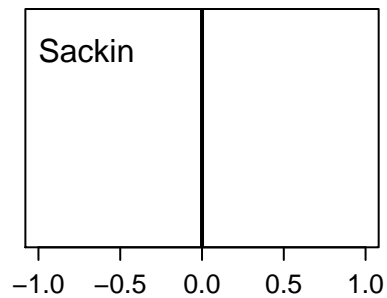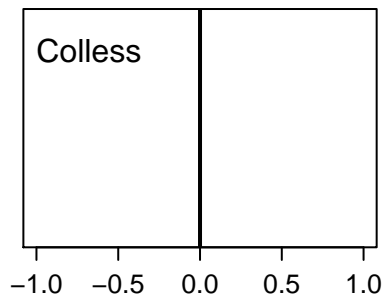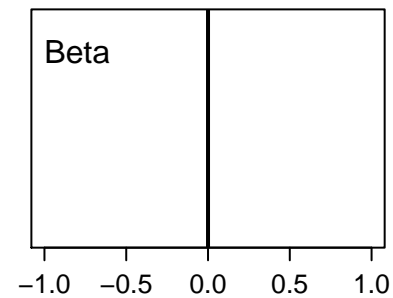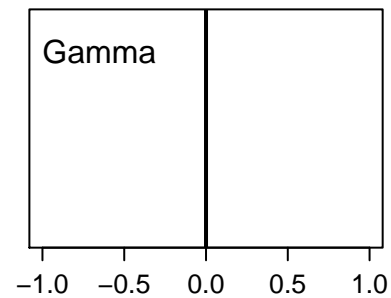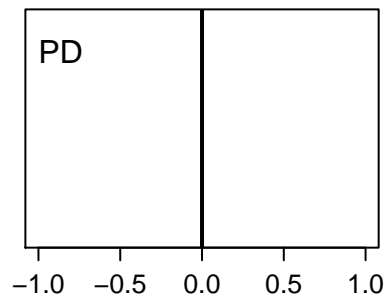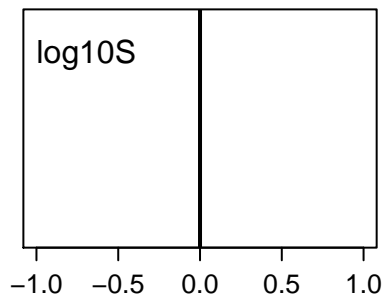
hs.N − alpha

hs.D − alpha

hs.S − alpha

hs.K − alpha

ve − laa

ve − lac

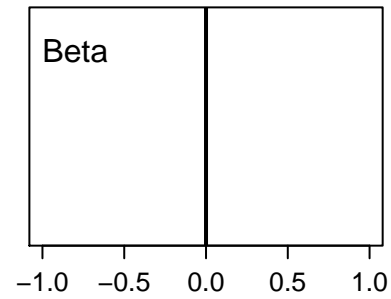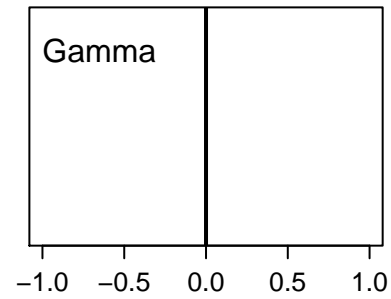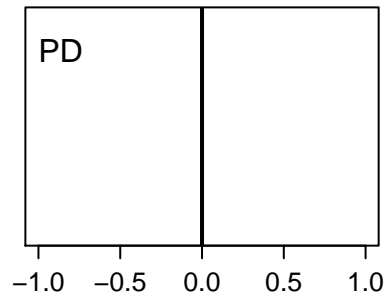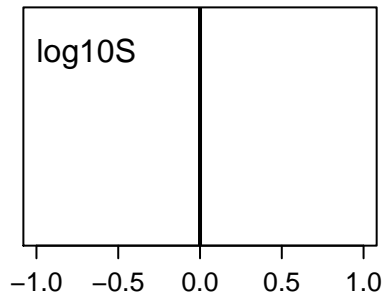ca − Mutation_rate

correlation coefficient

competition experiment

log10S

PD

Gamma

Beta

Colless

Sackin

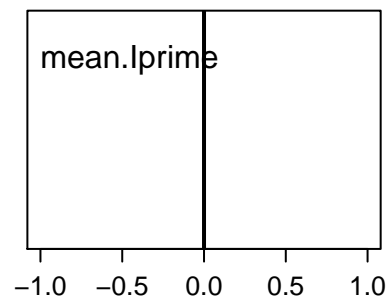Yule.PDA.ratio

MRD

VRD

PSV

mean.Iprime

MPD

VPD

nLTT_stat
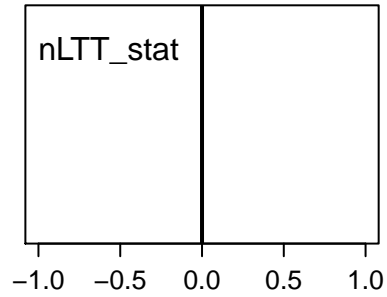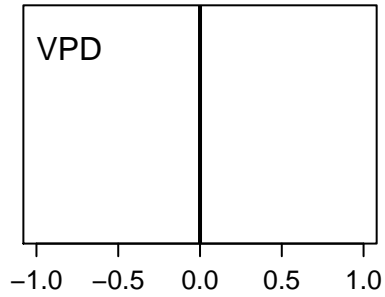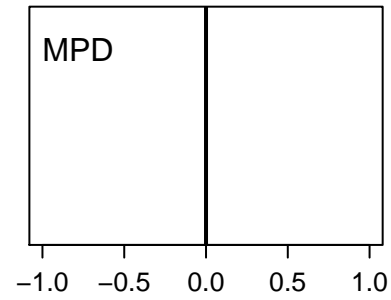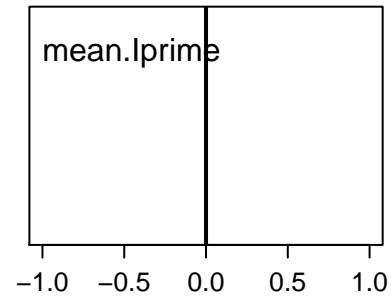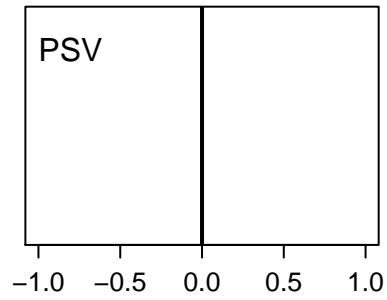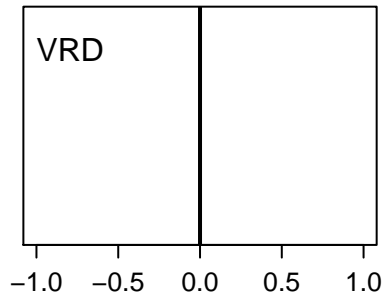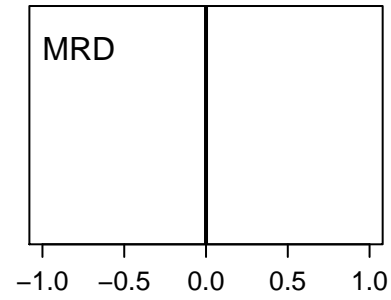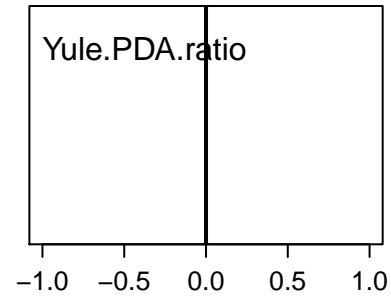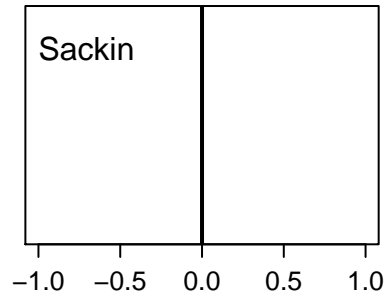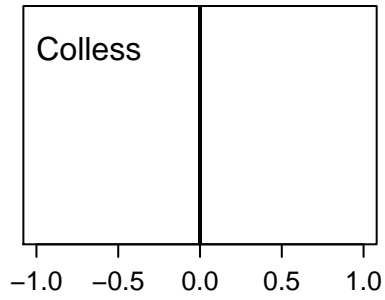
xe – s_phi

xe – Psi

ca – SppPool_size

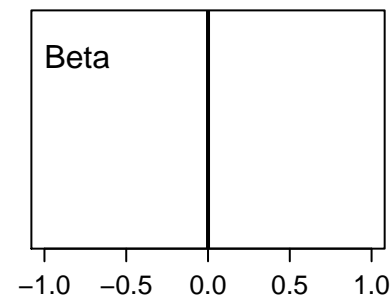pontarp – biotic_niche_width

correlation coefficient

time experiment

correlation coefficient