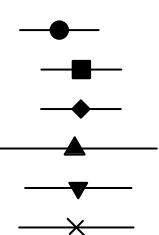
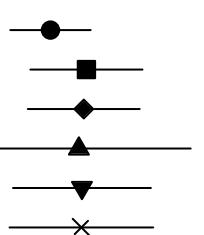


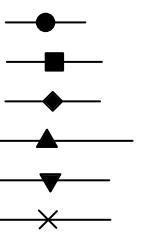
All



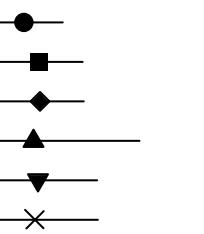
Physiological



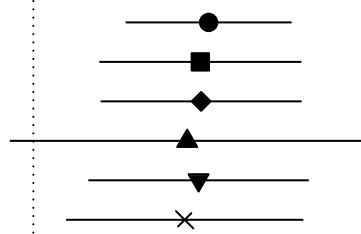
More stressful



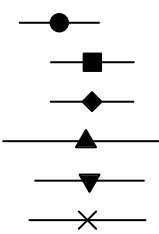
Morphological



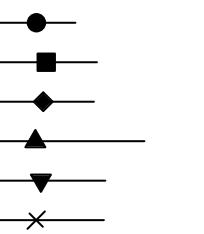
Annual plant



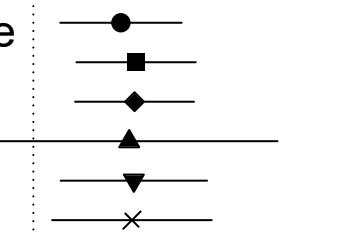
Relatively favourable



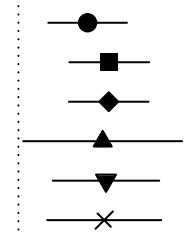
Life-history



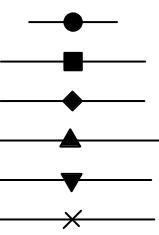
Invertebrate



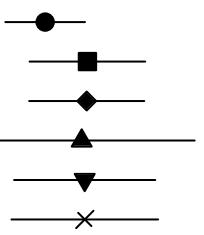
F1



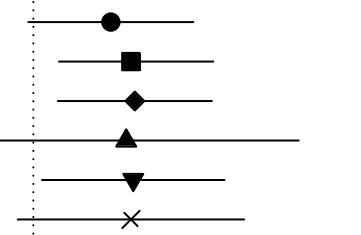
More favourable



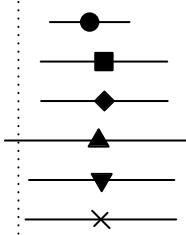
Survival



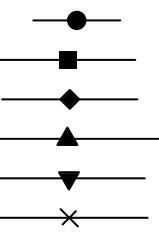
Vertebrate



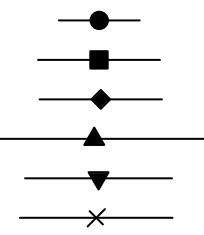
F2



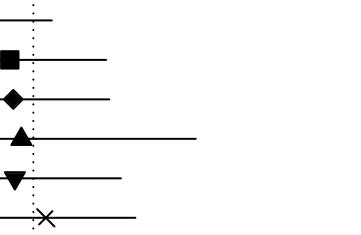
Relatively stressful



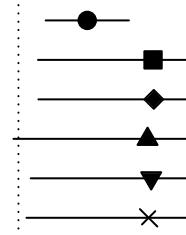
Reproductive



Perennial plant



F3



Analysis with the raw data uploaded by Yin et al.

- 1. Yin et al. random= ~ 1|species/study

Analysis with the proofed data uploaded by Sánchez-Tójar et al.

- 2. Sánchez-Tójar et al. non-conservative approach: random=list(~1|obsID, ~1|study, ~1|species)
- ◆— 3. Sánchez-Tójar et al. accounting for shared control
- ▲— 4. Sánchez-Tójar et al. accounting for phylogenetic non-independence (Brownian motion model)
- ▼— 5. accounting for phylogenetic non-independence (Pagel's λ , $\lambda=0.5$)
- ×— 6. accounting for phylogenetic non-independence (Blomberg's g , $g=0.2$)