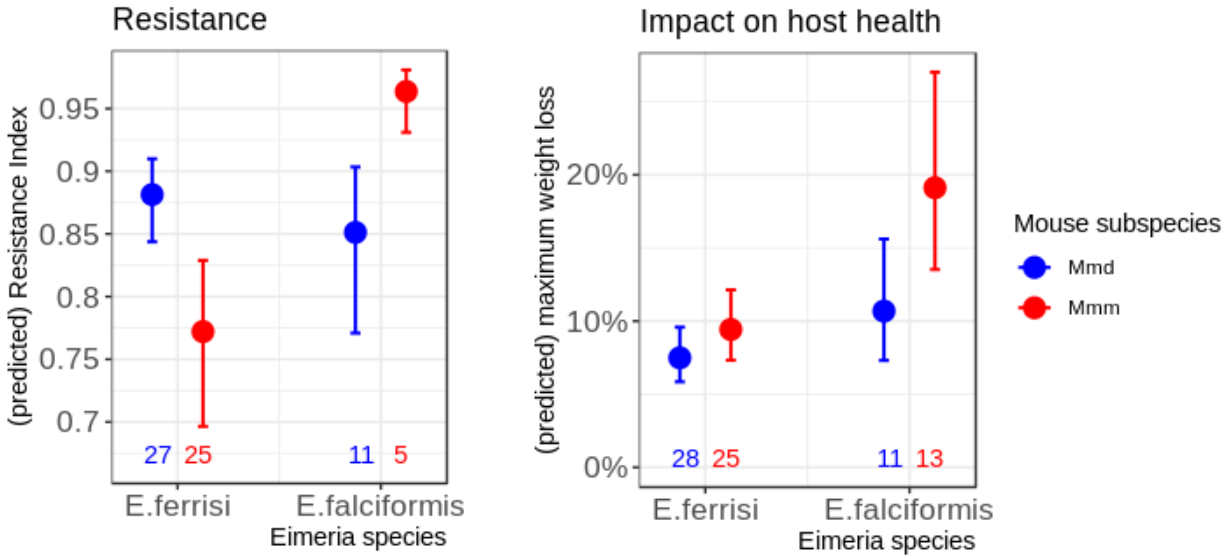
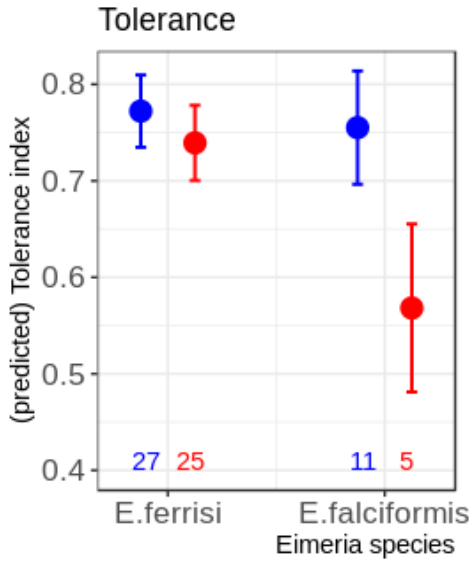
Supplementary material 3 Main analyses on conservative dataset (Ntot = 77)

- Statistically significant differences in **resistance**: interaction between parasite species and mouse subspecies (glm/LRT; p-value=3e-05, *n*=68).
- Significant differences in **impact on host health** between mouse subspecies (glm/LRT, p-value=0.023, *n*=77) and between parasite species (glm/LRT, p-value=1e-04, *n*=77*)*
- **Tolerance** was found to differ significantly between mouse subspecies (lm/LRT, p-value=0.01, *n*=68), between parasite species (lm/LRT, p-value=0.04, *n*=68) and we found interactions between mouse subspecies and parasite species (lm/LRT, p-value=0.01, *n*=68).





- We fit a linear model with Tolerance Index as response variable, explained by the interaction between Resistance Index and *Eimeria* species. The interaction term being statistically significant (t-statistic, p-value = 0.0006), we hereby conclude that the slopes of regression between both *Eimeria* species are significantly different.