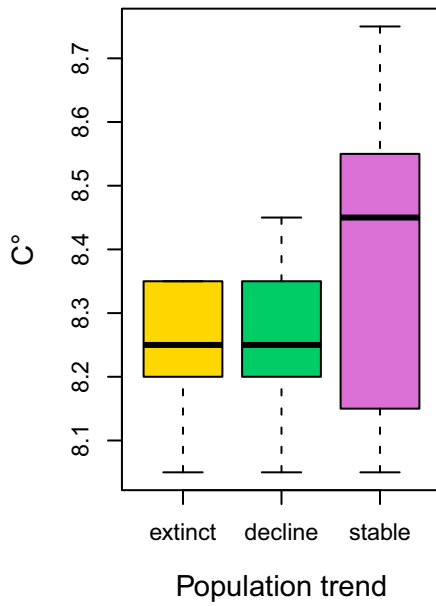


Adamska A., Kozub L., Kucharzyk J., Łazarski G. & Dembicz I. (2025) Habitat extremity promotes the survival of rapidly declining orchid *Neotinea ustulata* in Poland. – Preslia 97: 217–239.

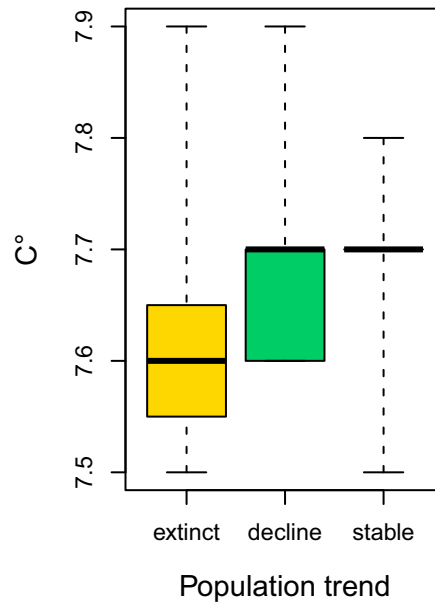
Supplementary Fig. S2. Overview of the environmental variables for different categories of population trends of *Neotinea ustulata*: extinct (n = 8), decline (n = 7), and stable (n = 18), which were rejected by the Boruta feature selection algorithm. Compact Letter Display (CLD) obtained via Dunn's test ($p < 0.05$) shown in gray above boxplots. Please note that vegetation height measures relate only to the herb layer.

Climate, topography and landscape

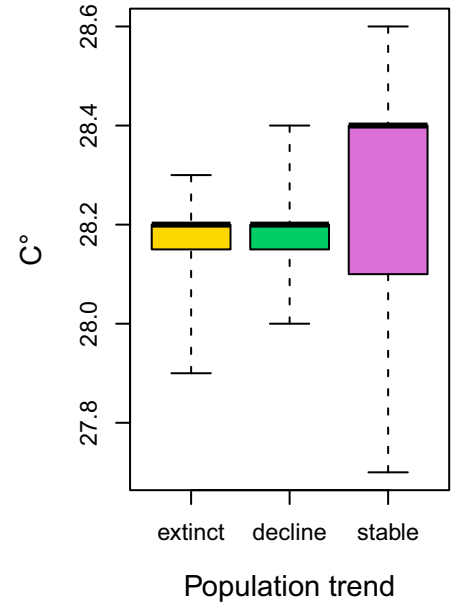
Mean annual temp.



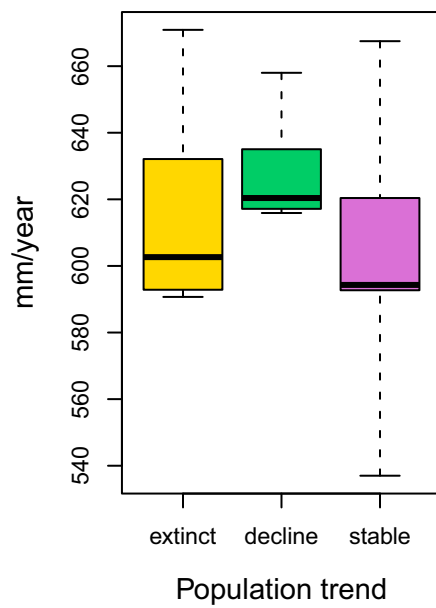
Diurnal temp. range



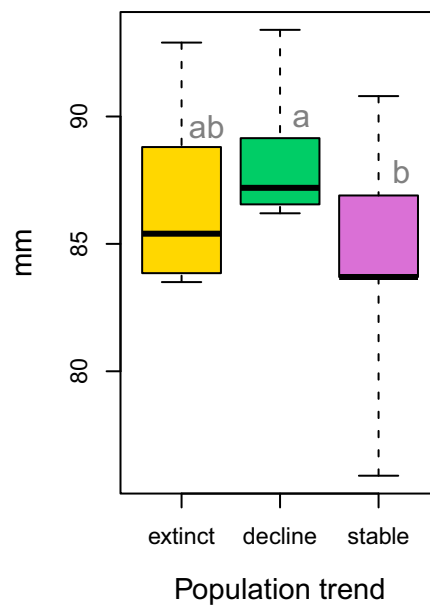
Annual temp. range



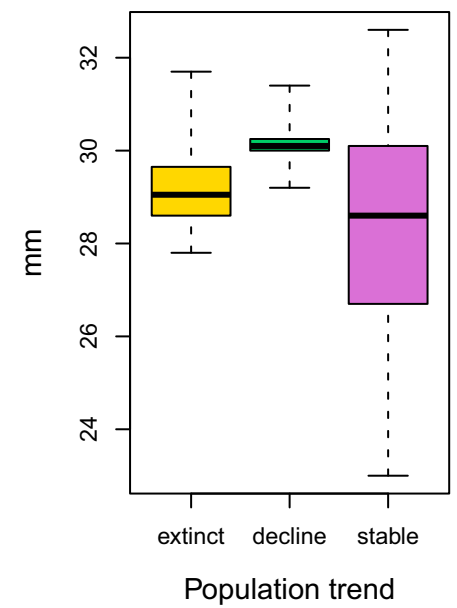
Annual precipitation



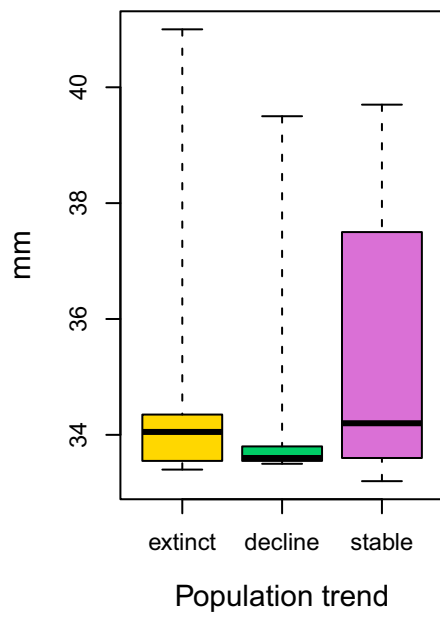
Prec. in the wettest month



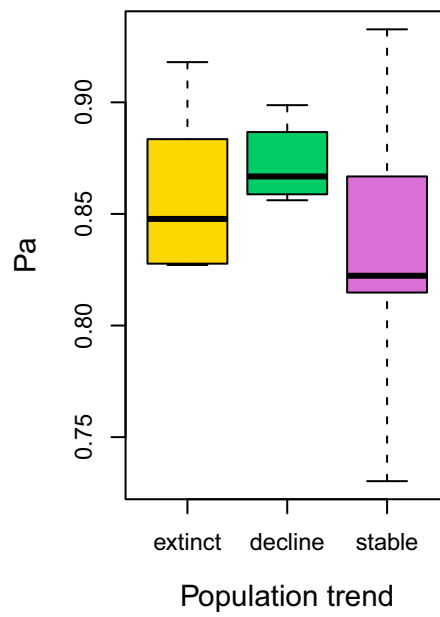
Prec. in the driest month



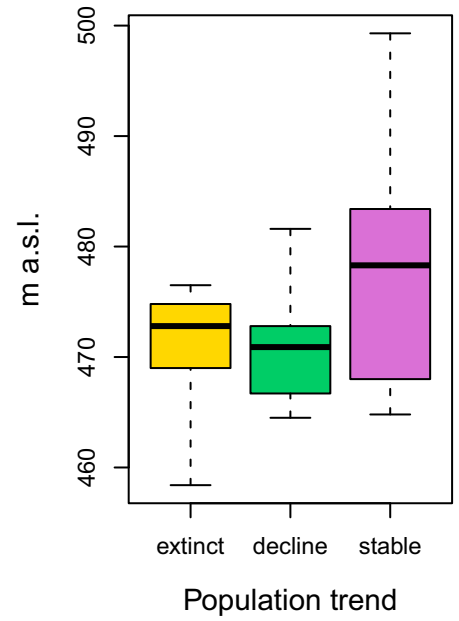
Prec. seasonality



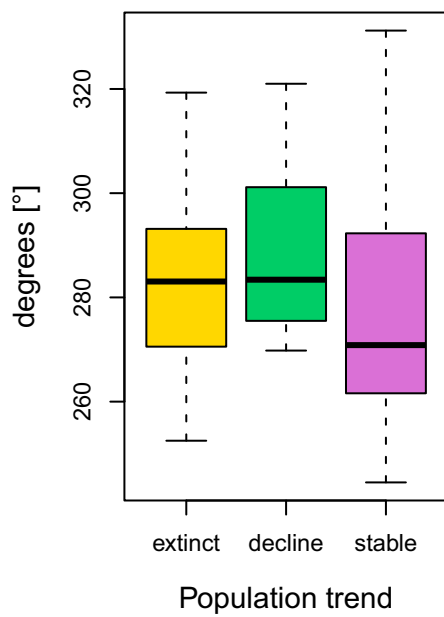
Vapour pressure deficit



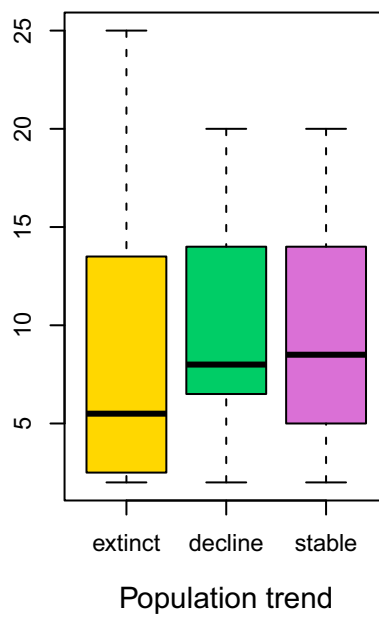
Elevation



Inclination

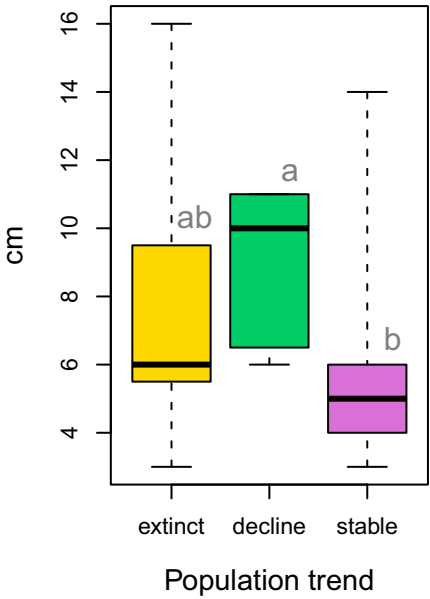


Heat-load index

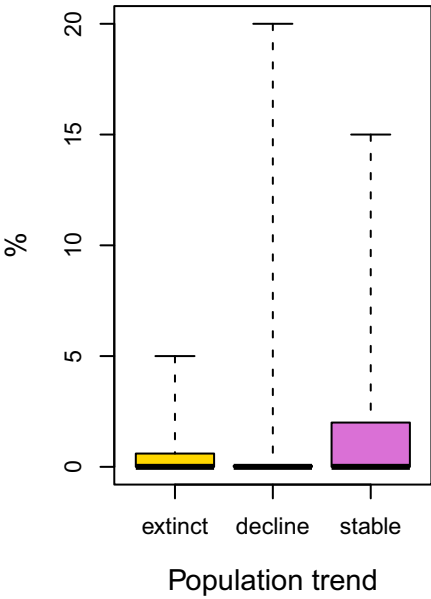


Soil and microtopography

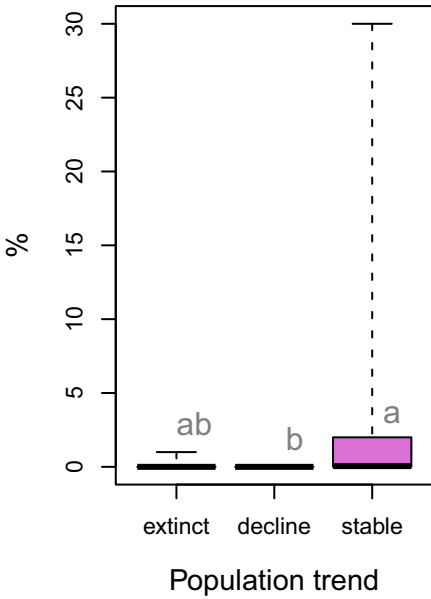
Max. microrelief



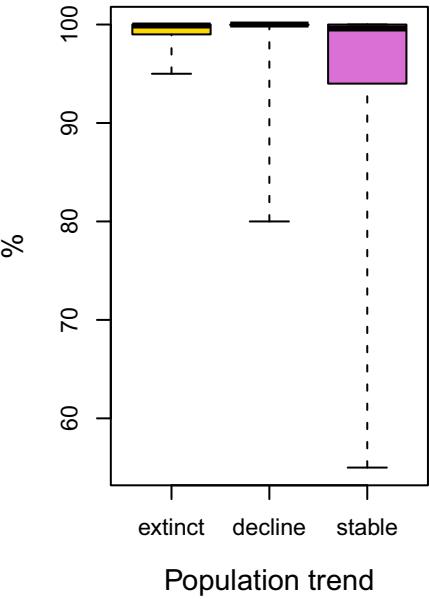
Stones and rocks cover



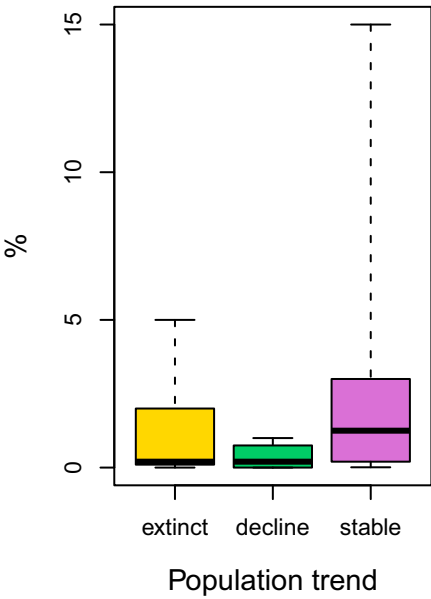
Gravel cover



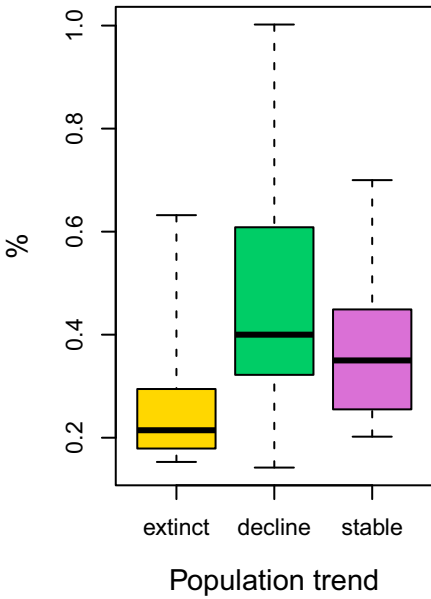
Fine soil cover

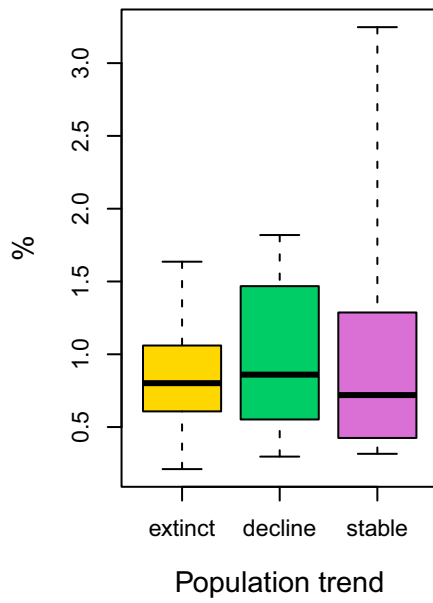
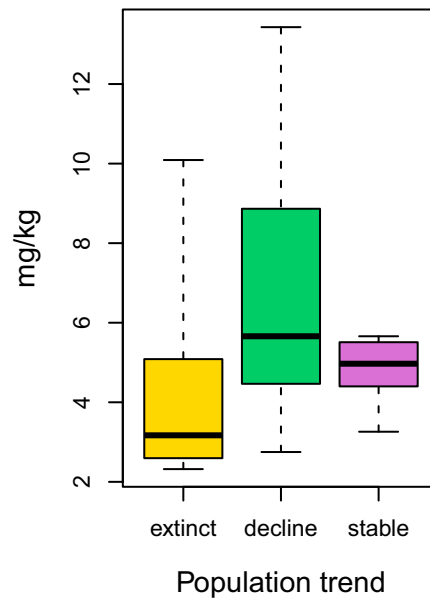
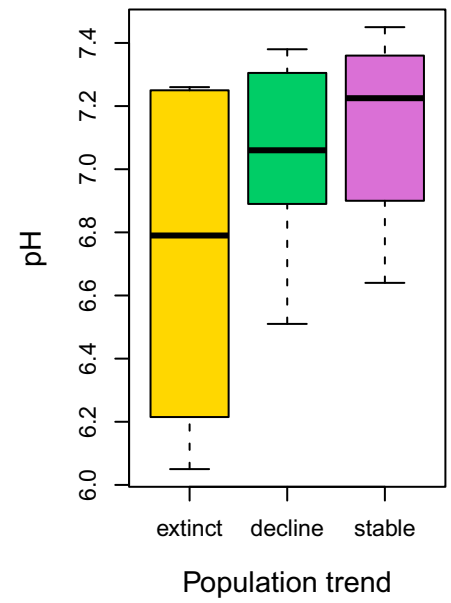
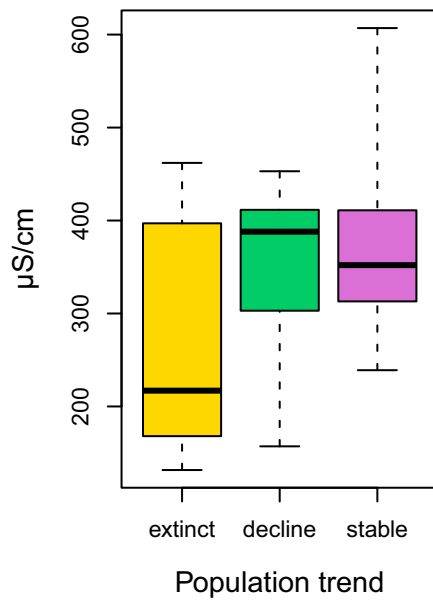
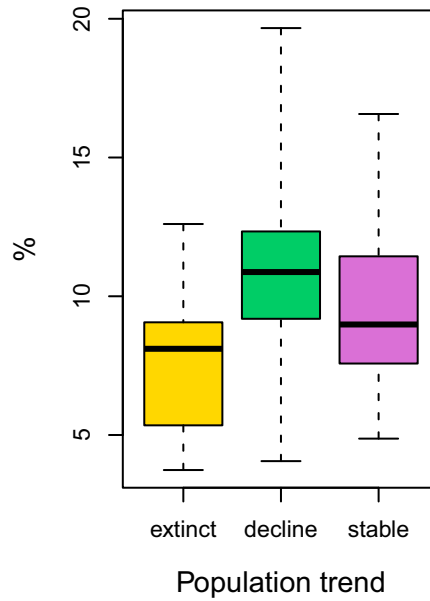
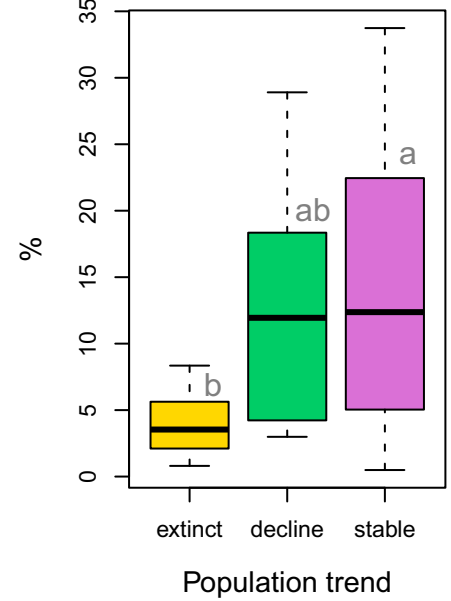


Bare ground cover

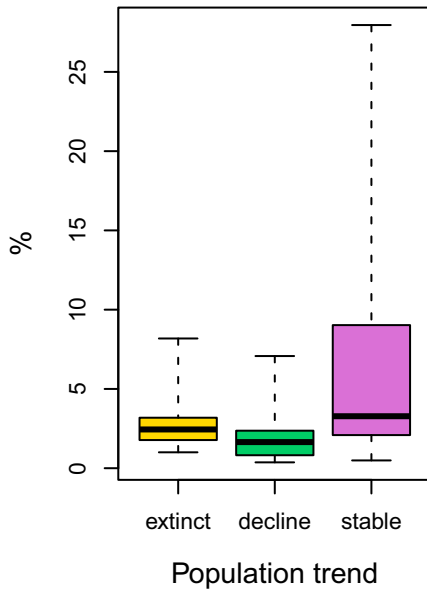


Nitrogen

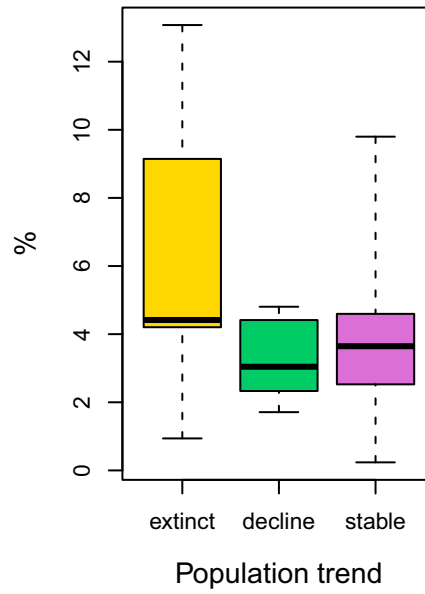


Potassium**Phosphorus****Soil pH****EC****Org. matter content****Skeleton content**

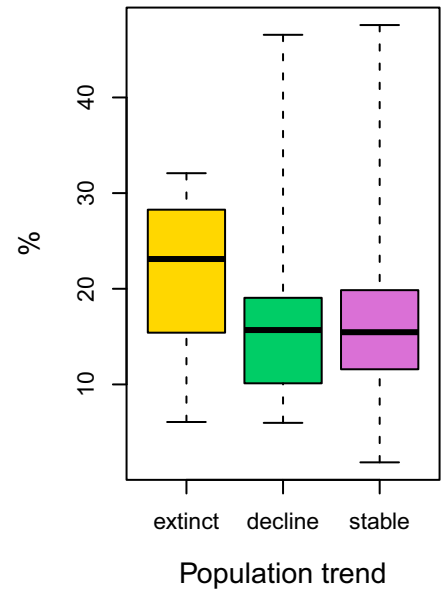
Very coarse sand



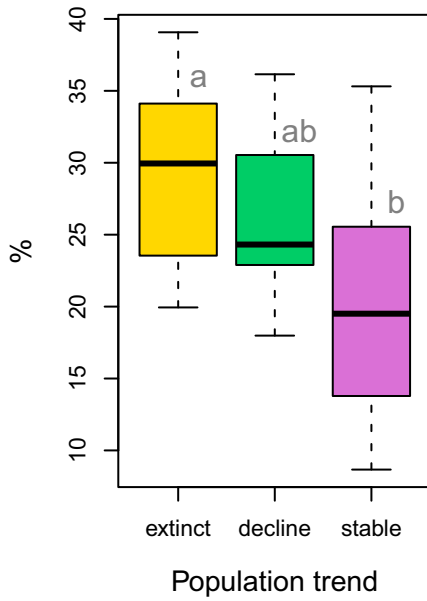
Coarse sand



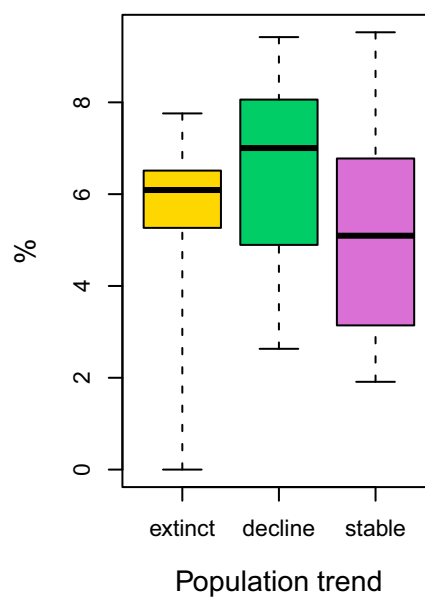
Medium sand



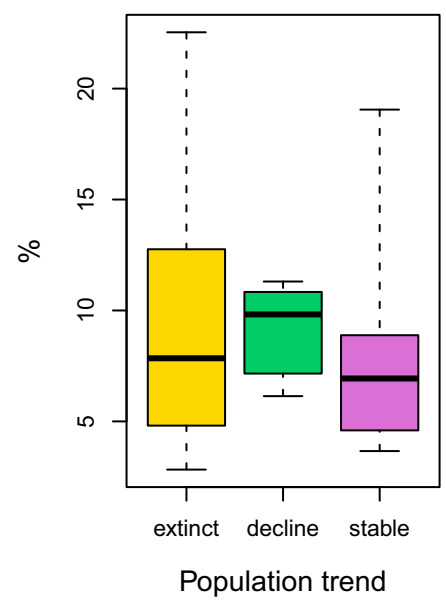
Fine sand



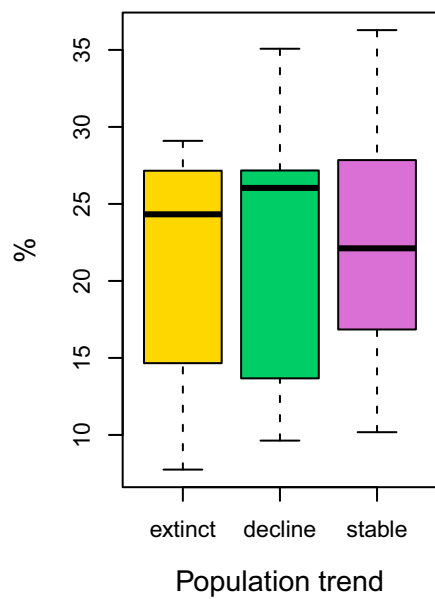
Very fine sand



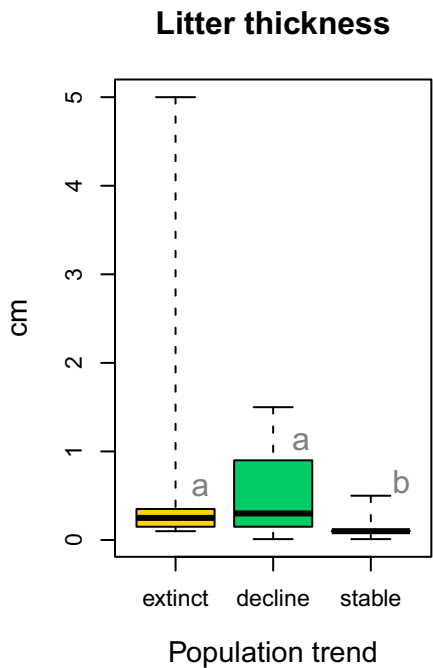
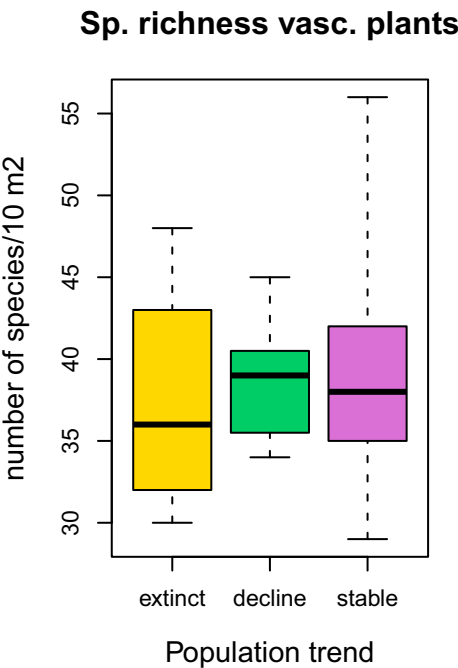
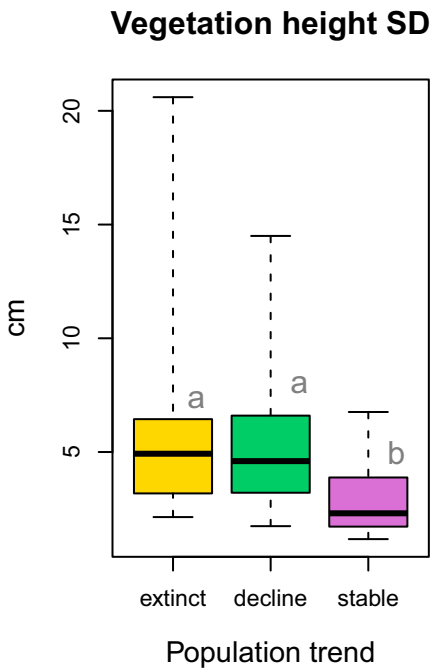
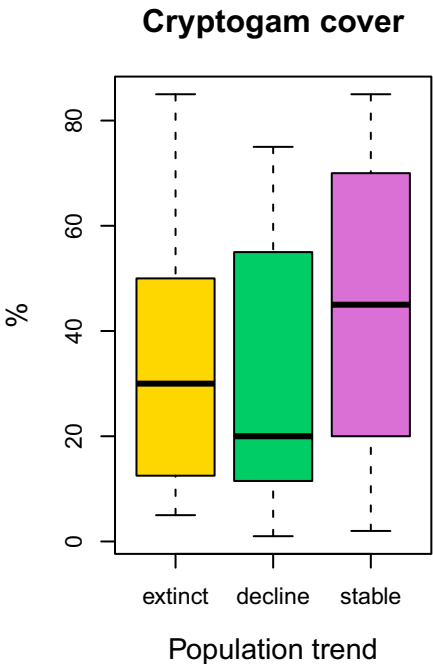
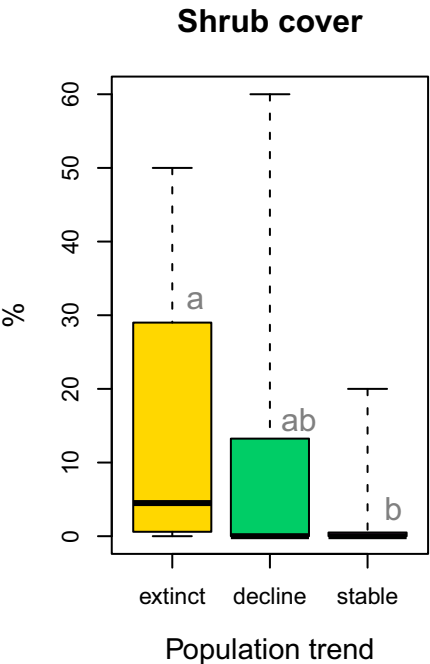
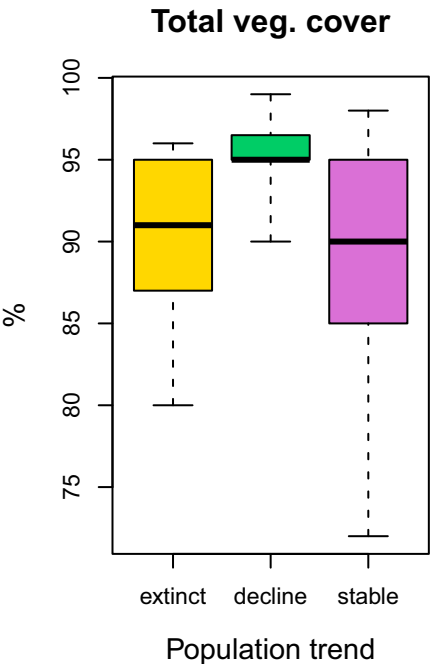
Coarse silt



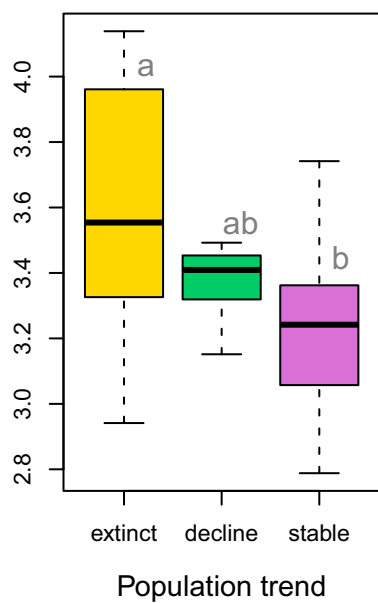
Fine silt and clay



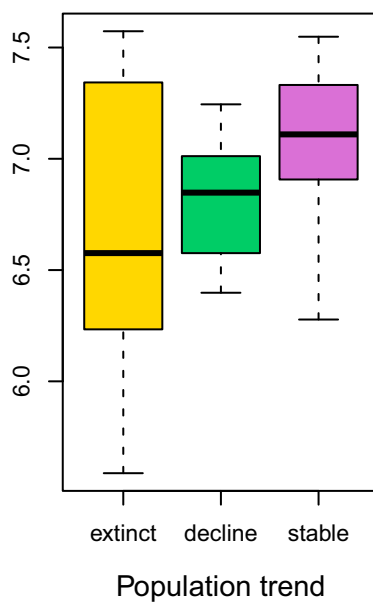
Vegetation and land use abandonment



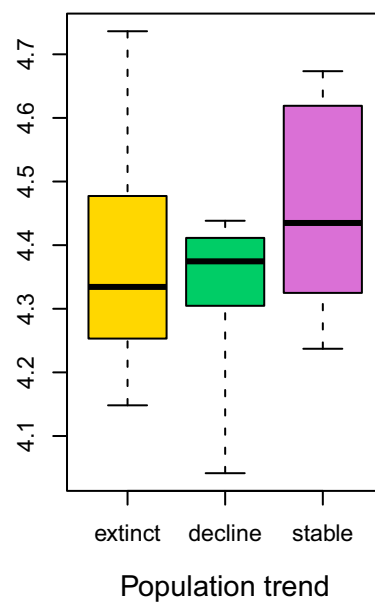
M_EIVE



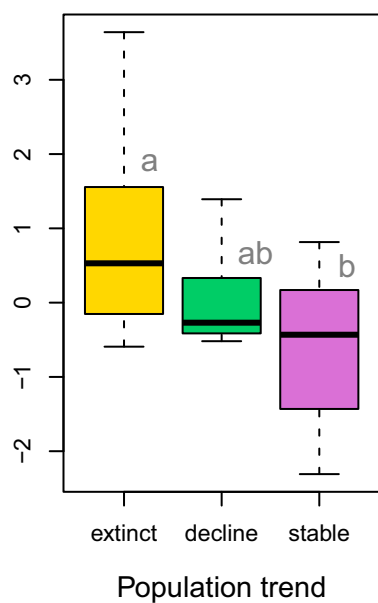
L_EIVE



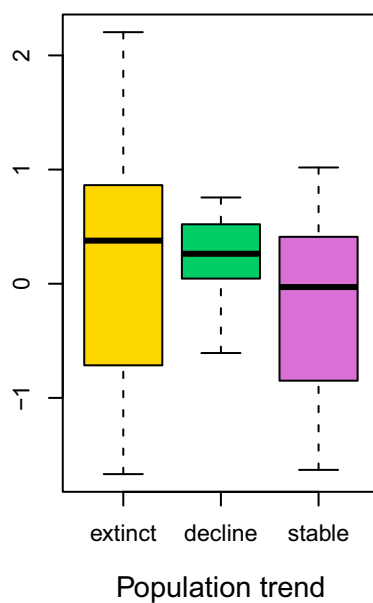
T_EIVE



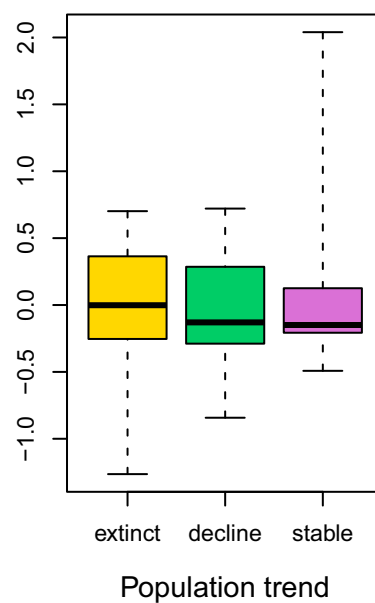
DCA1



DCA2



DCA3



DCA4

