

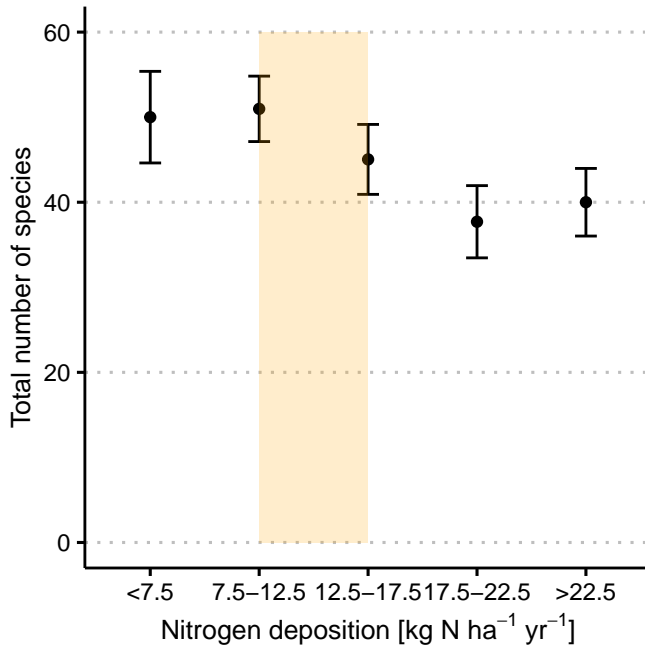
### Visual inspection of gradient categories

### Threshold Indicator Taxa Analysis (TITAN)

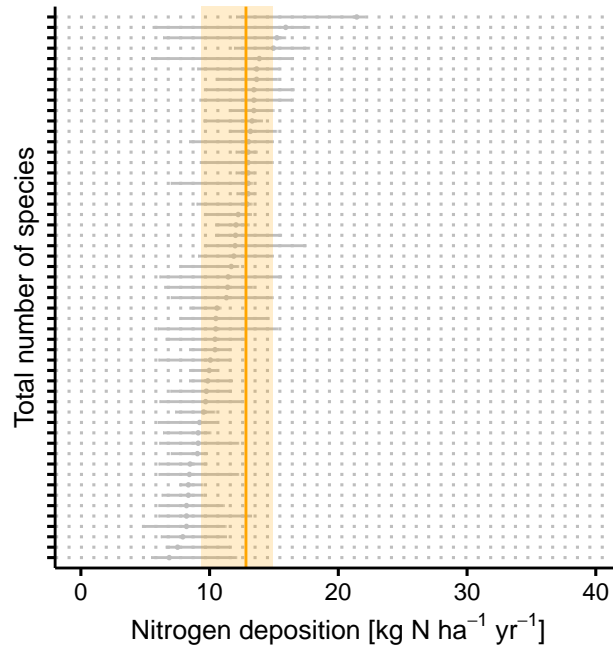
### Point at which significance reduction can be observed

### Linear model with change-point

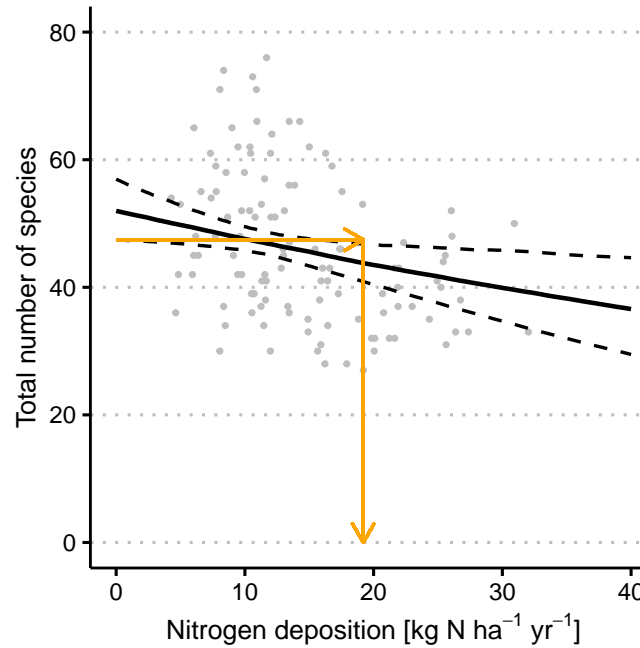
(a) Estimated critical load: ~12.5 kg



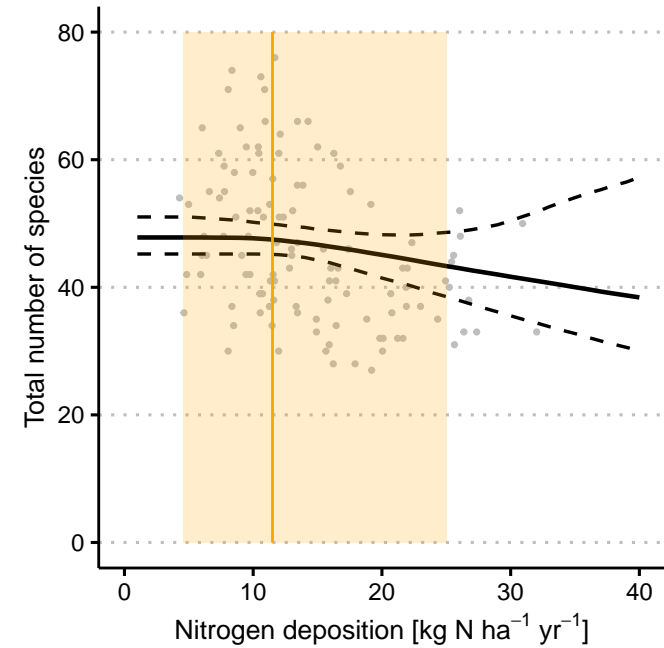
(b) Estimated critical load: 12.8 kg



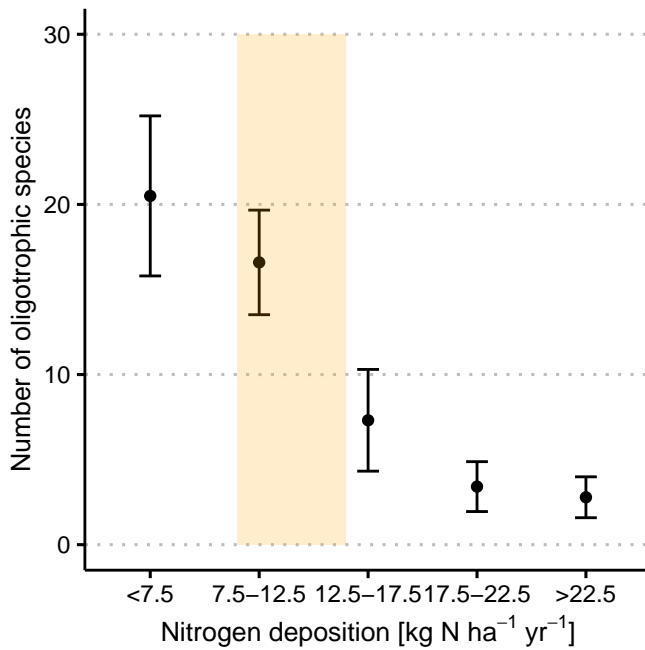
(c) Estimated critical load: 19.2 kg



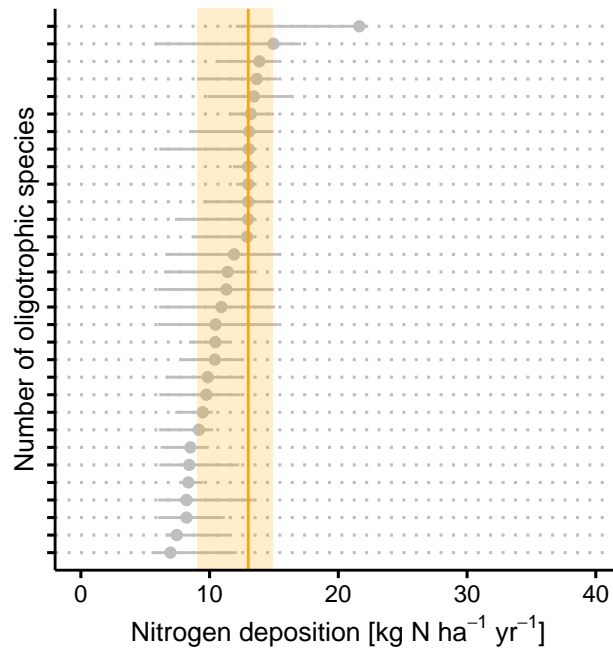
(d) Estimated critical load: 11.5 kg



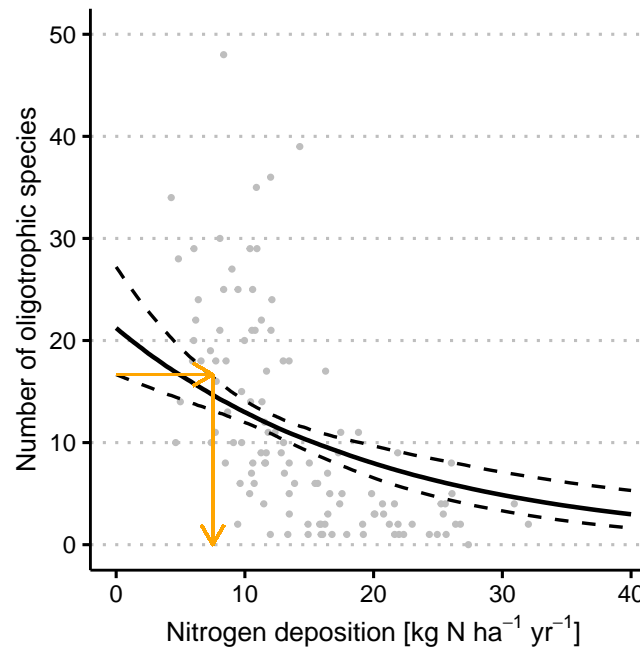
(e) Estimated critical load: ~10 kg



(f) Estimated critical load: 13.0 kg



(g) Estimated critical load: 7.5 kg



(h) Estimated critical load: 11.7 kg

