

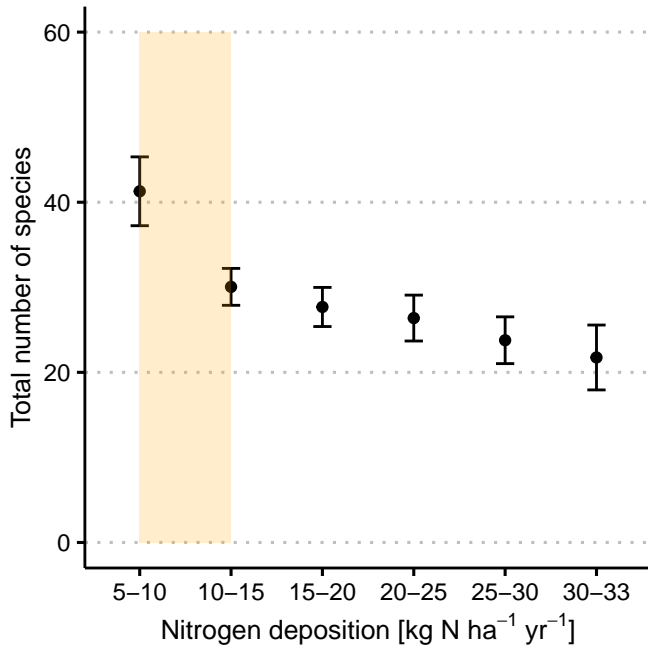
Visual inspection of gradient categories

Threshold Indicator Taxa Analysis (TITAN)

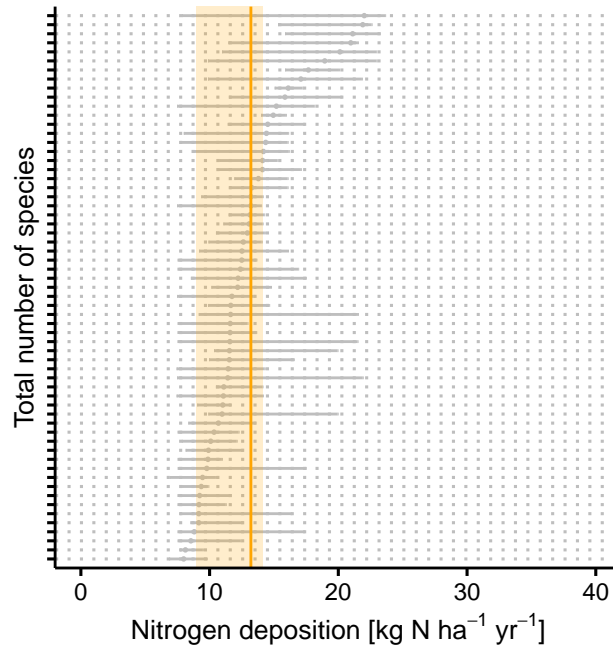
Point at which significance reduction can be observed

Linear model with change-point

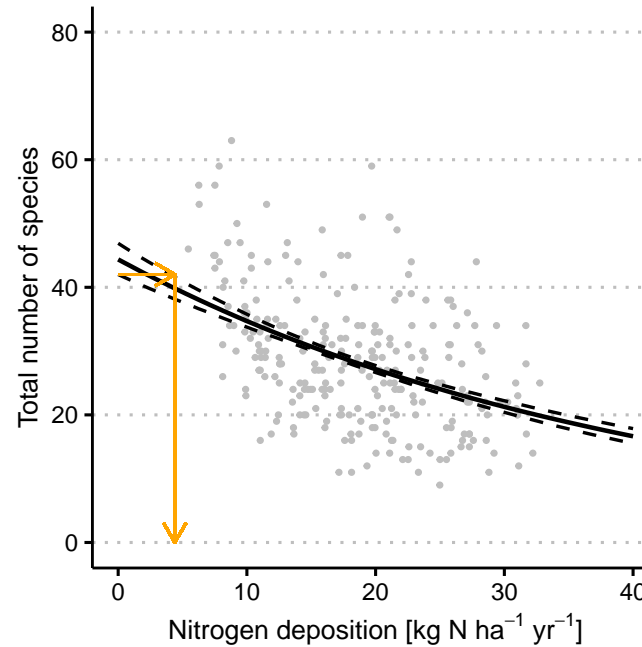
(a) Estimated critical load: ~10 kg



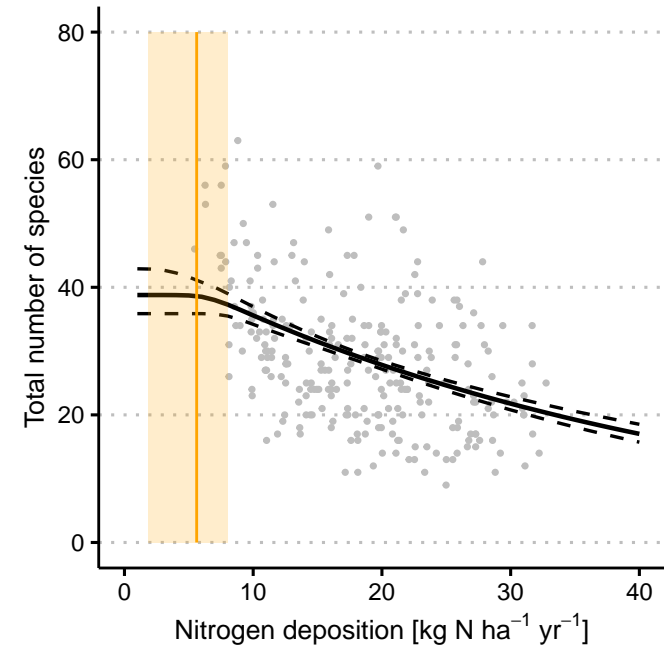
(b) Estimated critical load: 13.2 kg



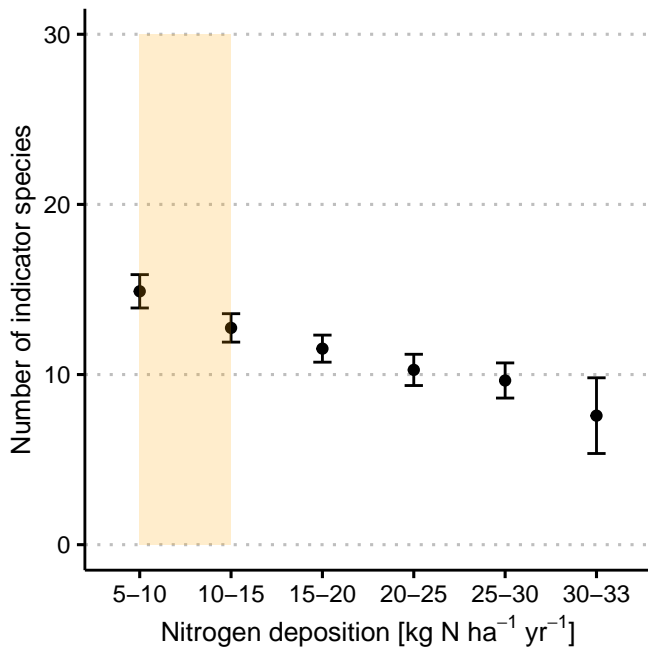
(c) Estimated critical load: 4.4 kg



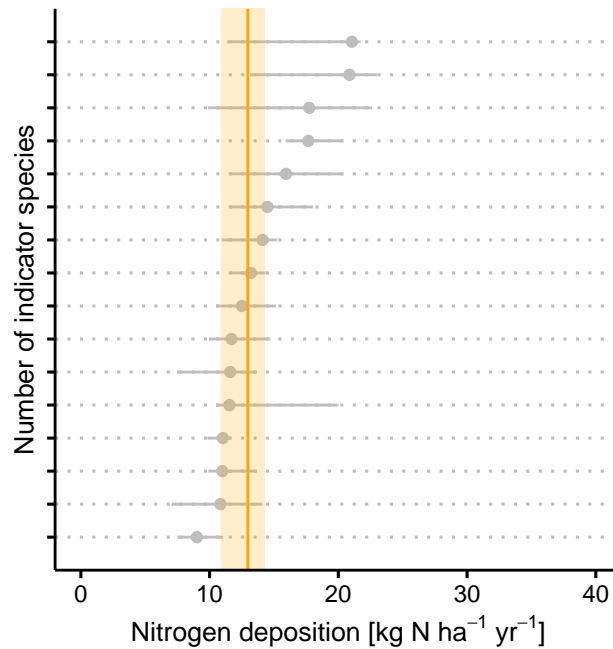
(d) Estimated critical load: 5.6 kg



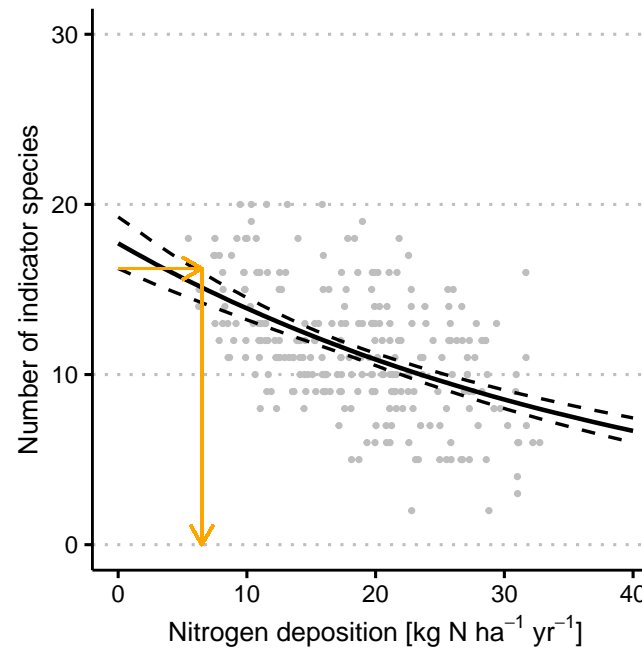
(e) Estimated critical load: ~10 kg



(f) Estimated critical load: 13.0 kg



(g) Estimated critical load: 6.5 kg



(h) Estimated critical load: 8.4 kg

