

Supplementary Materials for Co-evaluation of plant leaf nutrient concentrations and resorption in response to ferti- lization under different nutrient-limited conditions

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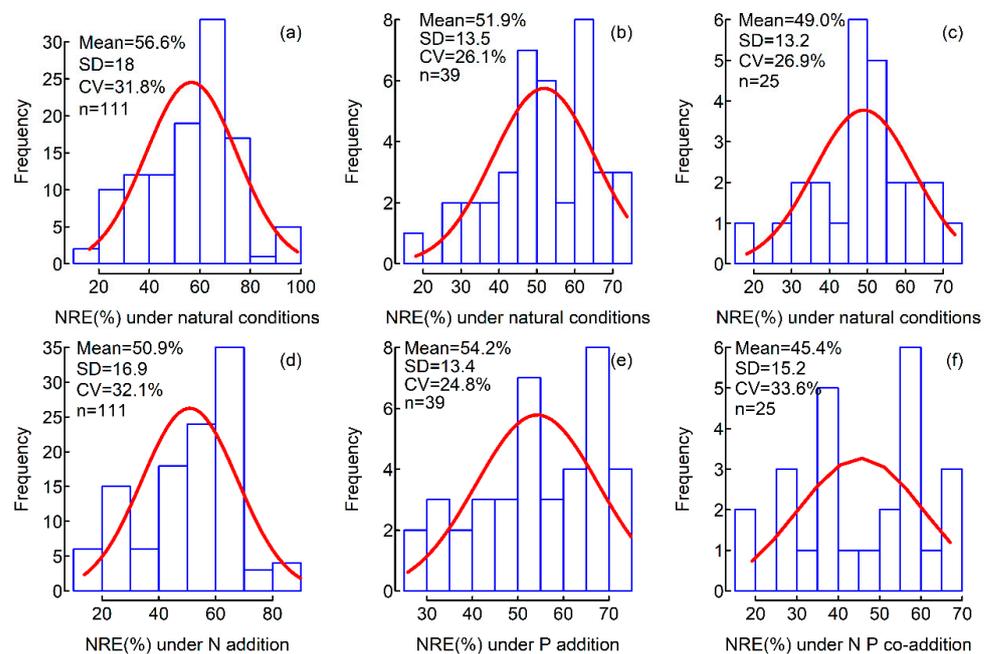


Figure S1. Frequency distribution of the change in nitrogen resorption efficiency (NRE) under natural conditions (a) (b) (c); and the corresponding change in NRE under N addition (d), P addition (e) and N P co-addition (f) on a global scale. The red curves were fitted by a Gaussian function.

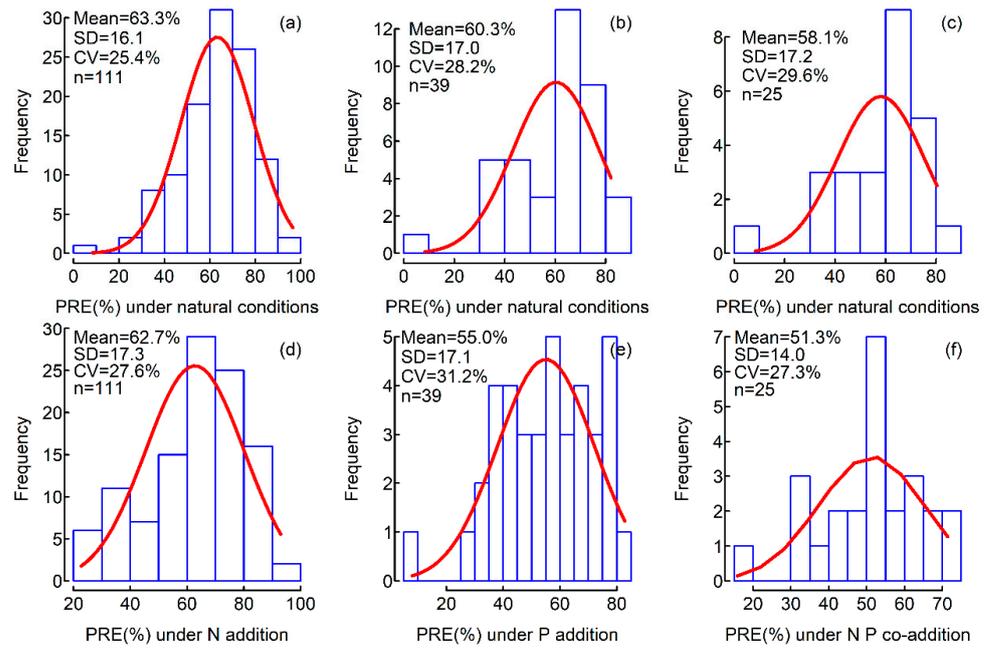


Figure S2. Frequency distribution of the change in phosphorus resorption efficiency (PRE) under natural conditions (a) (b) (c); and the corresponding change in PRE under N addition (d), P addition (e) and N P co-addition (f) on a global scale. The red curves were fitted by a Gaussian function.

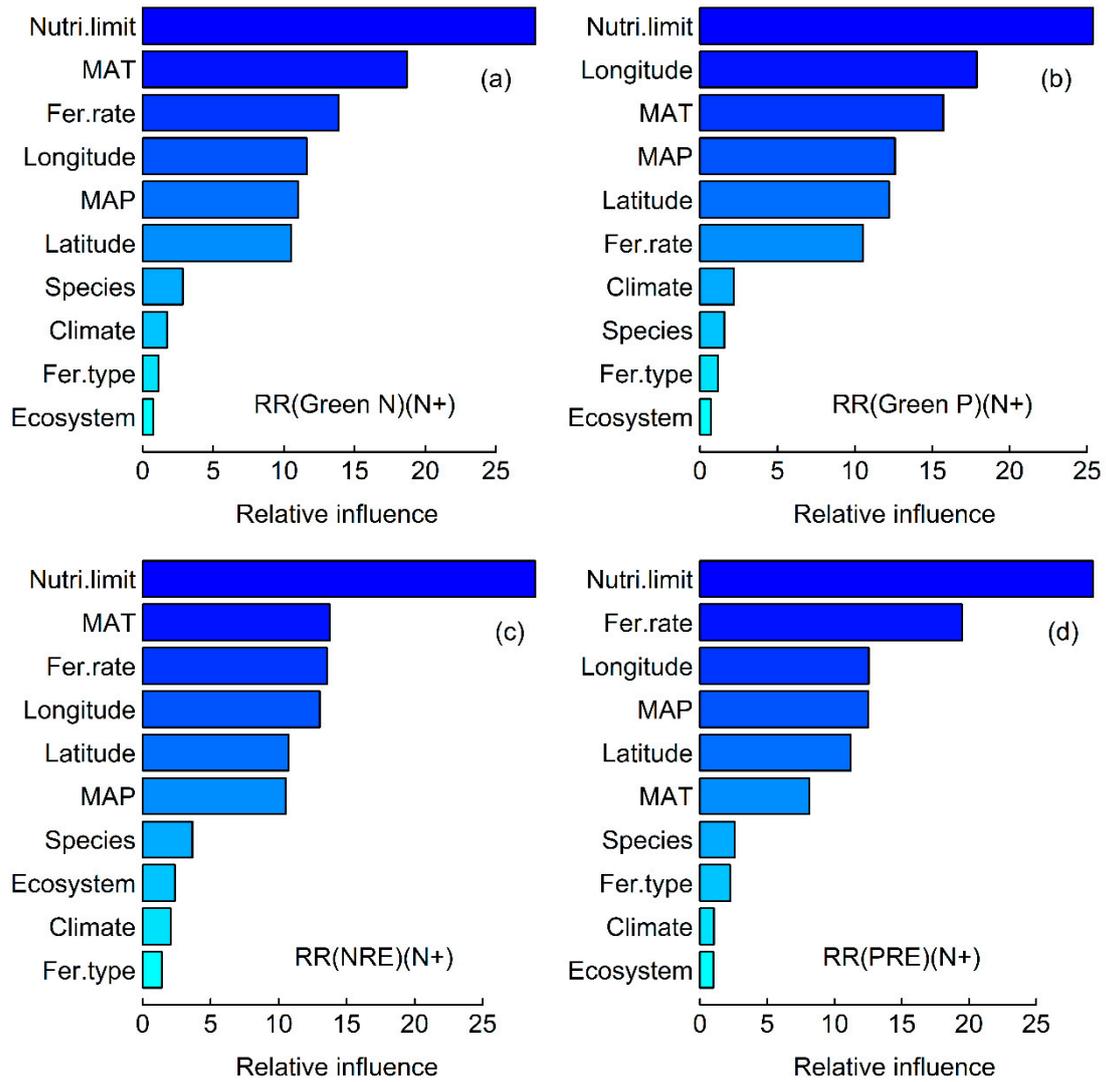


Figure S3. The relative influence (%) of the effects of nutri. limit. (nutrient limitation, N-limitation when green leaf N:P < 10, N P co-limitation when 10 < N:P < 20 and P-limitation when N:P > 20), mean annual temperature (MAT), mean annual precipitation (MAP), fer. rate (fertilizer rates), fer. type (fertilizer types), latitude, longitude, species, ecosystem types and climate zones on the RRs (green leaf N and P concentration, NRE and PRE) under N fertilization (N+).

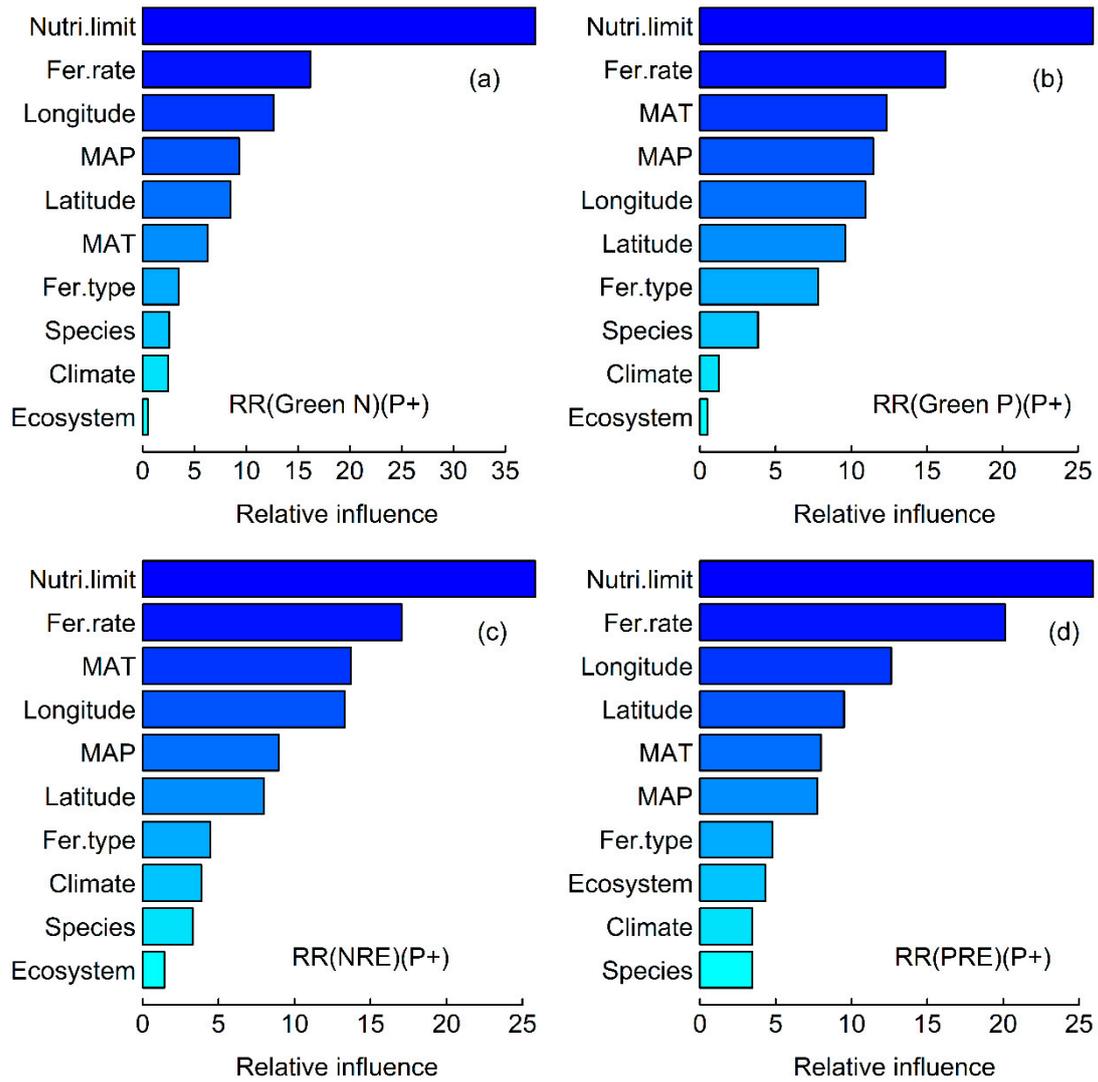


Figure S4. The relative influence (%) of the effects of nutri. limit. (nutrient limitation, N-limitation when green leaf N:P < 10, N P co-limitation when 10 < N:P < 20 and P-limitation when N:P > 20), mean annual temperature (MAT), mean annual precipitation (MAP), fer. rate (fertilizer rate), fer. type (fertilizer types), latitude, longitude, species, ecosystem types and climate types on mean the RR (green leaf N and P concentration, NRE and PRE) under P fertilization (P+).