**(b)**

**(a)**

**(d)**

**(c)**

**(f)**

**(e)**

Figure S1: Residuals as a function of predicted leaf N concentration for the relationship shown in Fig. 2a (a, b) and Fig. 2b (c, d) and as a function of predicted N uptake for the relationship shown in Fig. 2c (e) and Fig. 2d (f).