



Figure S1: Cumulative effect of $e\text{CO}_2$ on C (a,b) and N (c,d) storage in the Duke (a,c) and ORNL (b,d) FACE sites. $N\text{PP}$: net primary production; N_{inorg} : inorganic soil N storage, $C|N_{\text{veg}}$: vegetation storage; $C|N_{\text{litter}}$: litter storage; $C|N_{\text{soil}}$: soil organic matter storage. $\Delta_{\text{pool}}|\Delta_{\text{fluxes}}$ denote the total ecosystem mass balance based on cumulative changes in pool, or integrated net ecosystem C and N fluxes, respectively. The error bars denote ± 1 standard error.