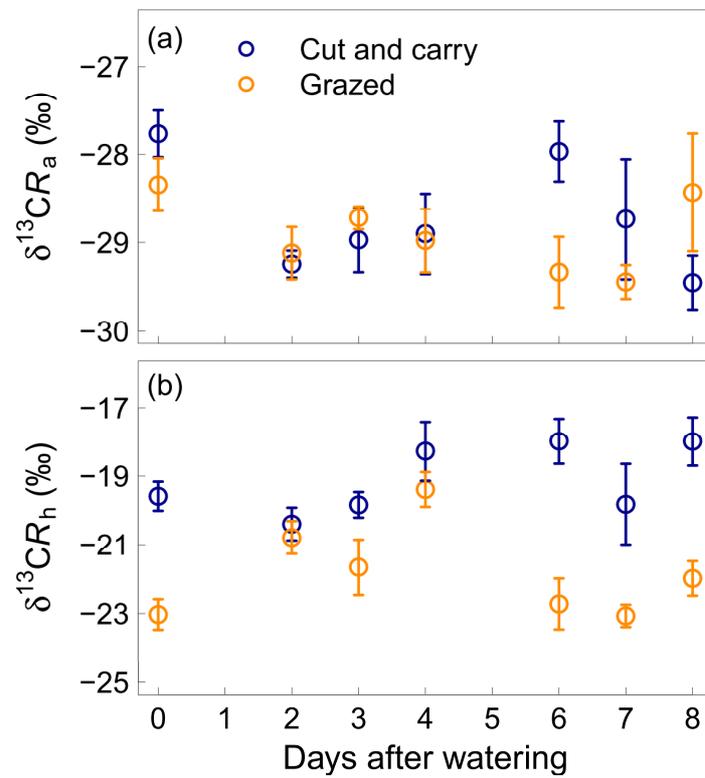


Supplementary figure.



$^{13}\text{C}$  isotopic signature of  $\text{CO}_2$  respired from the roots ( $\delta^{13}\text{CR}_a$ , panel a) and of  $\text{CO}_2$  respired from root and rhizosphere free soil ( $\delta^{13}\text{CR}_h$ , panel b) over the days after adding 100 mm of water in the grazed (orange circles) and mown (blue circles) grasslands. Vertical bars represent one standard error of the mean ( $n = 4$ ).