

Model validation for the optimum generalized additive mixed models applied to the response variables C ($\delta^{13}\text{C}$) and N ($\delta^{15}\text{N}$). Fitted values were plotted against residuals to ensure no residual patterns were evident.

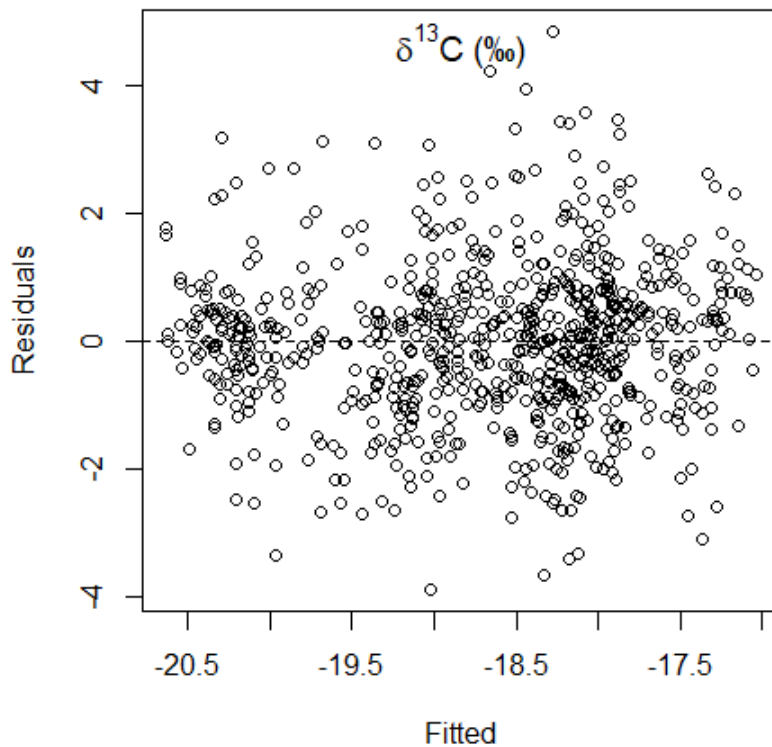


Figure S1. Model validation for the optimum generalized additive mixed models applied to the response variable C ($\delta^{13}\text{C}$). Fitted values were plotted against residuals to ensure no residual patterns were evident.

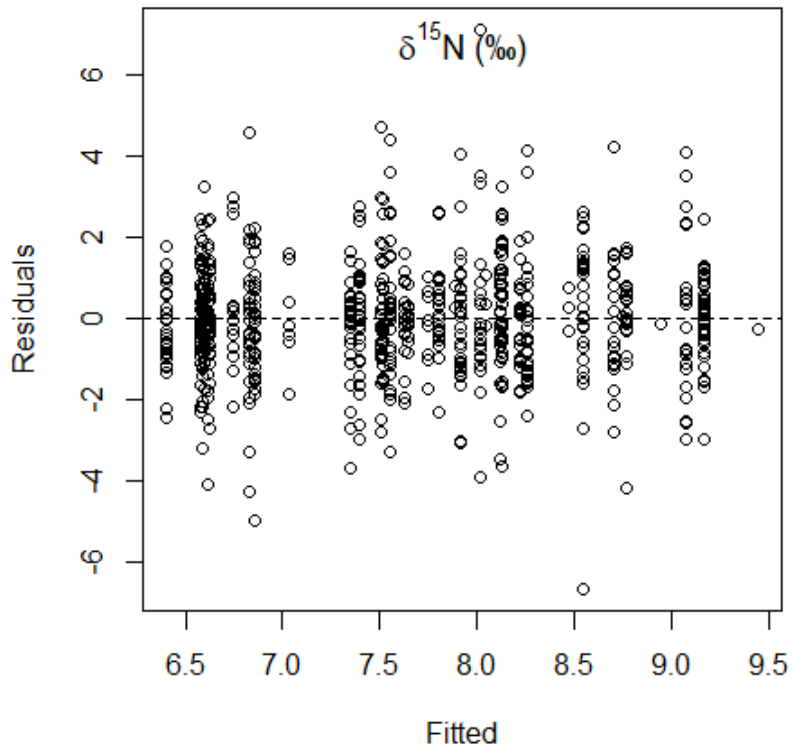


Figure S2. Model validation for the optimum generalized additive mixed models applied to the response variables N ($\delta^{15}\text{N}$). Fitted values were plotted against residuals to ensure no residual patterns were evident.