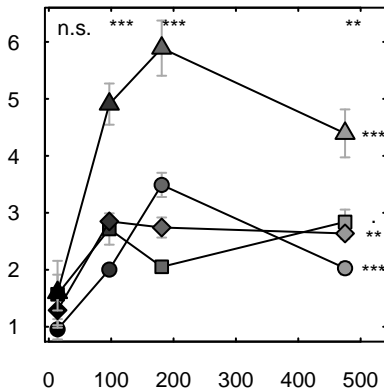
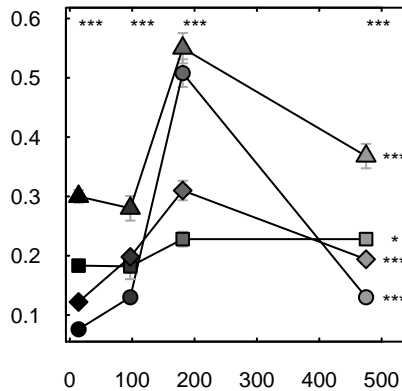
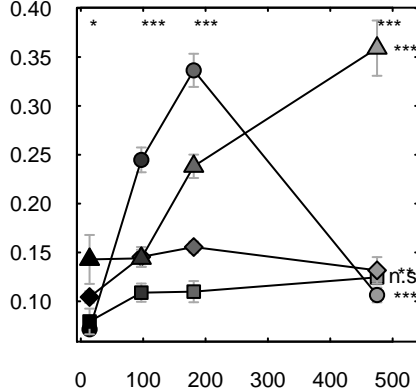
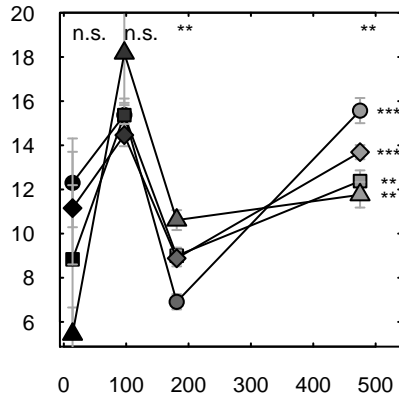
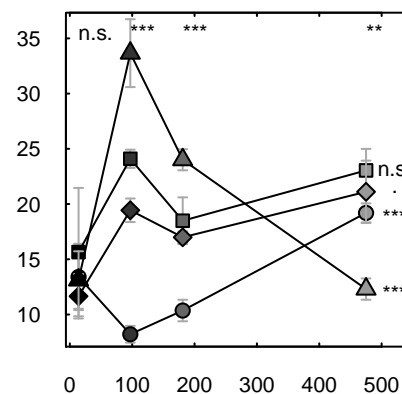
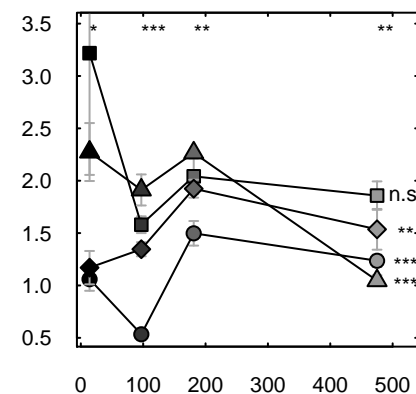
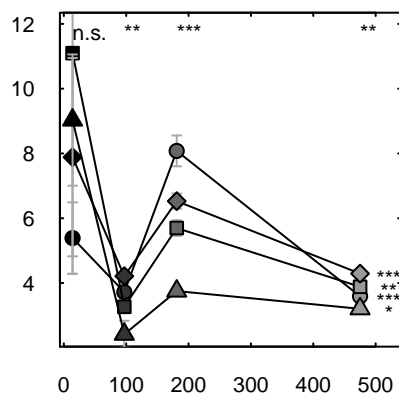
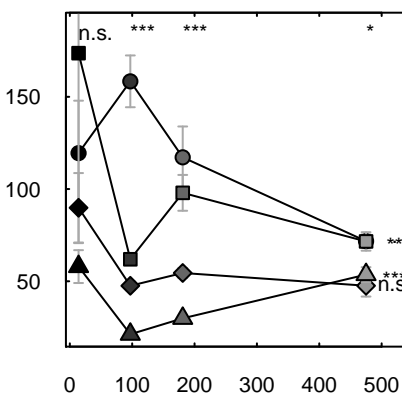
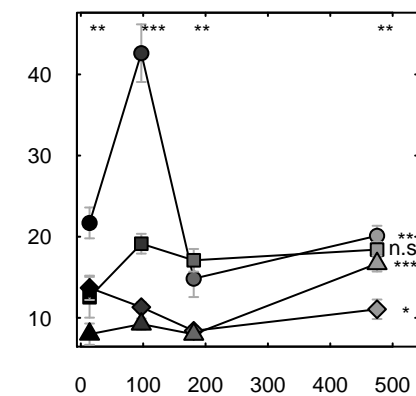
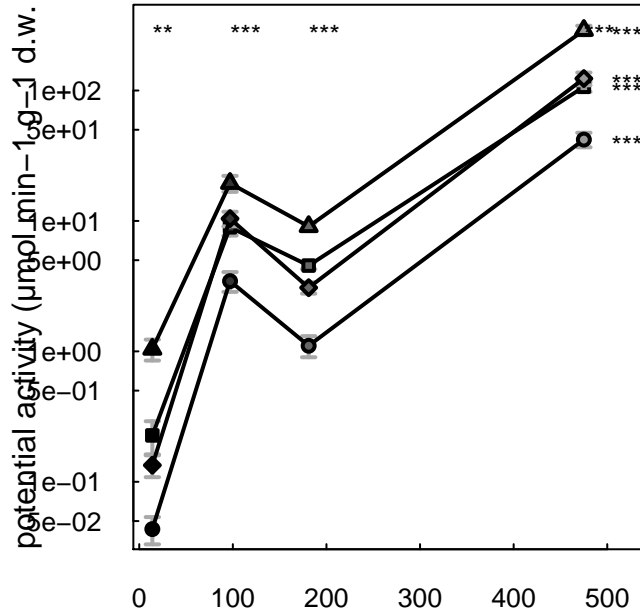
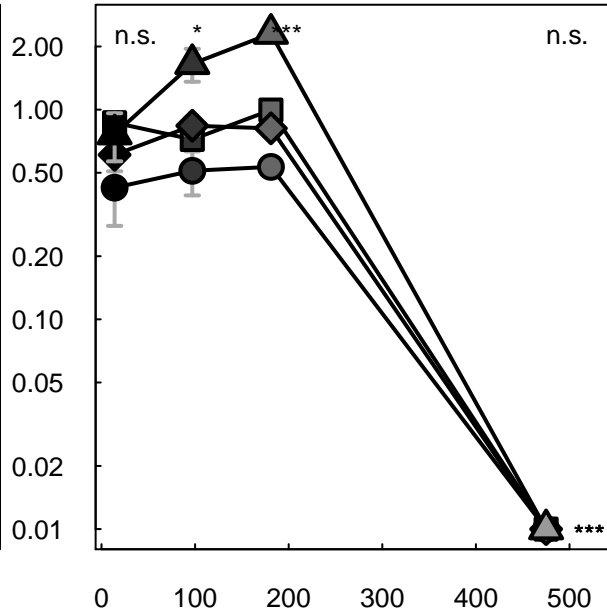


mg C g⁻¹ d.w.**Microbial C****Microbial N****Microbial P****Mic. C:N ratio****Mic. C:P ratio****Mic. N:P ratio****C:N imbalance****C:P imbalance****N:P imbalance**

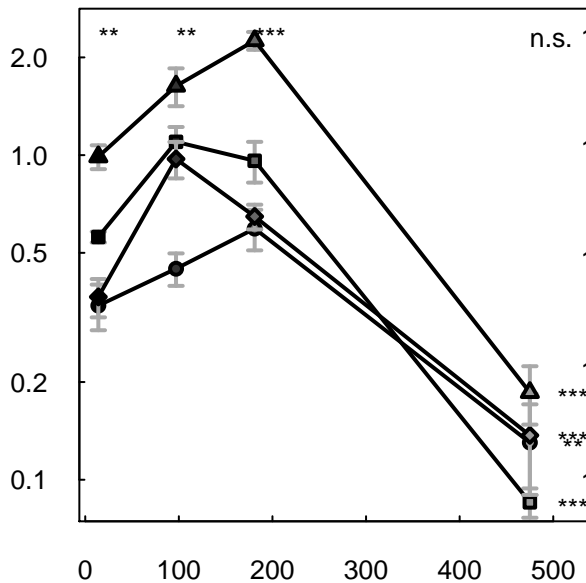
Cellulase



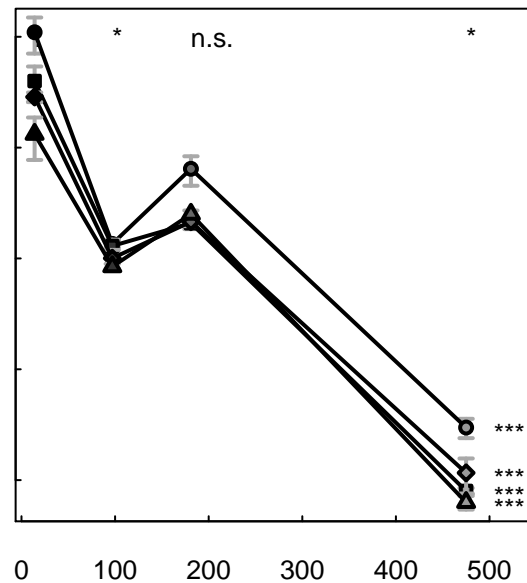
Peroxydase

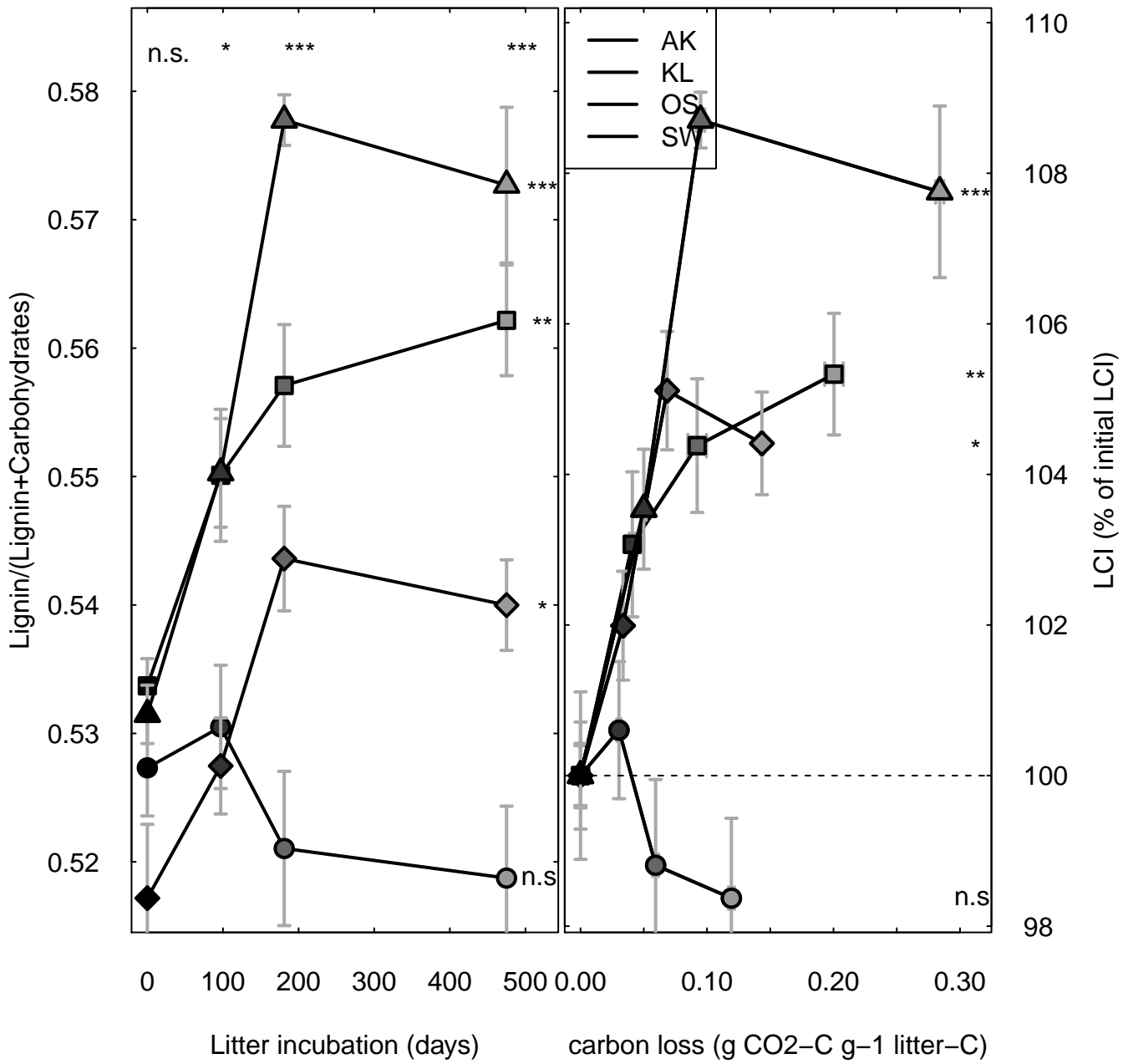


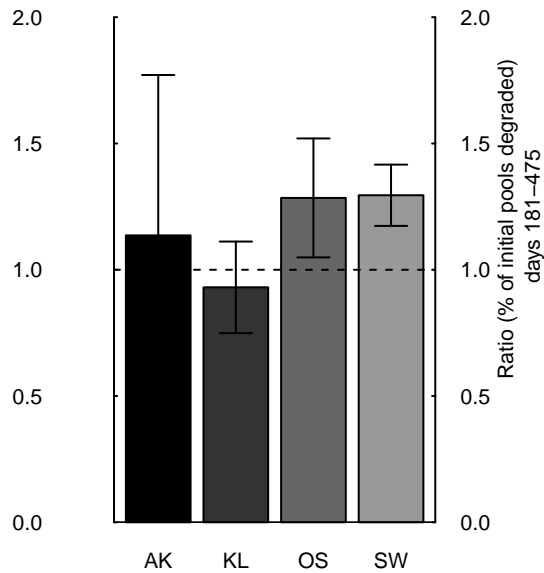
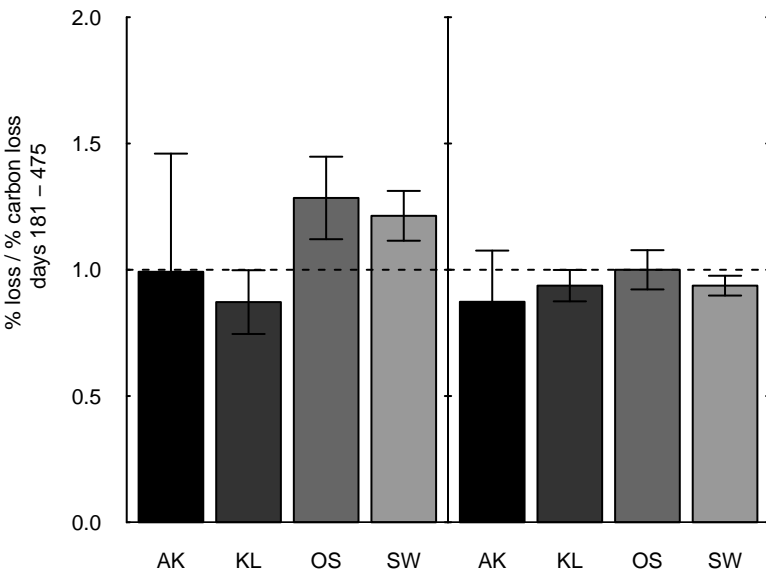
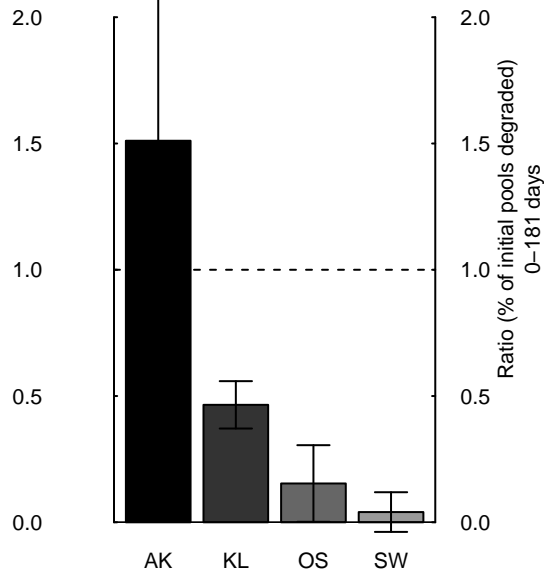
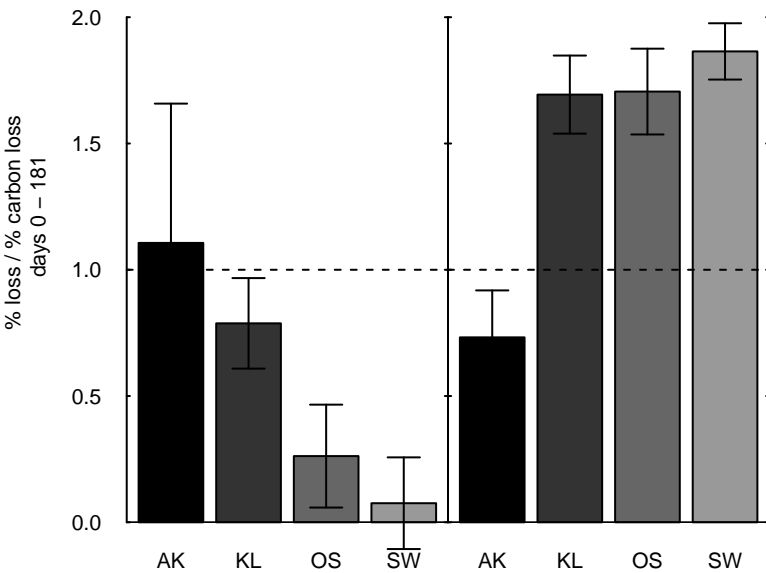
Phenoloxydase



Phenoloxydase/Cellulase





Lignin**Carbohydrates****Lignin/Carbohydrates**

Lignin decomp
Carbohydrate decomp

C:N resource / C:P resource / C:N:P resource / N:P resource

LCl change
-0.0000
0.0000
0.0000
0.0024
0.0006

4



-0.0000
0.0000
0.0000
0.0000
0.0000
0.0000
0.0006

40

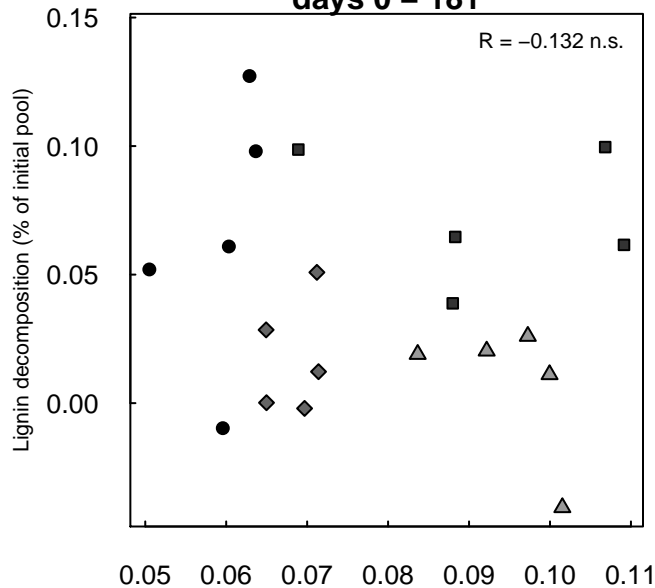


-0.0000
0.0000
0.0000
0.0000
0.0000
0.0000
0.0006

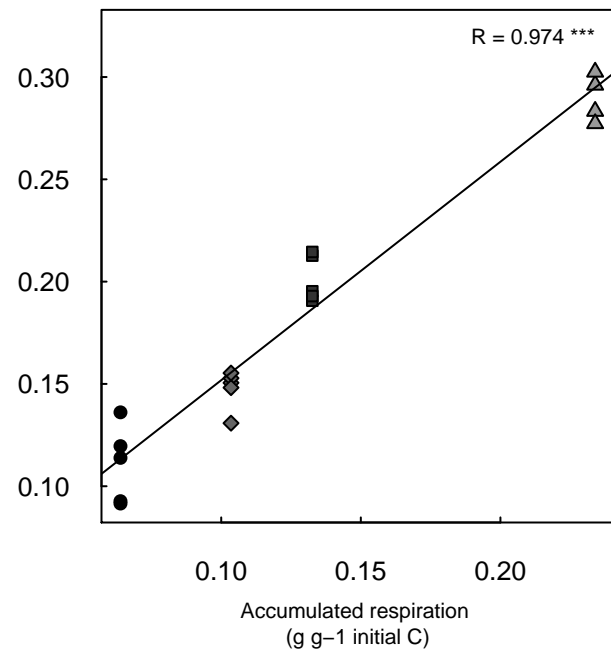
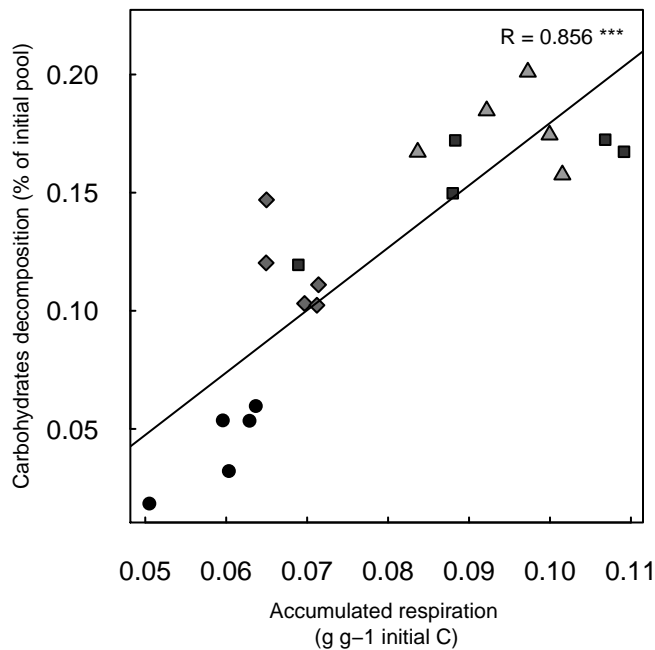
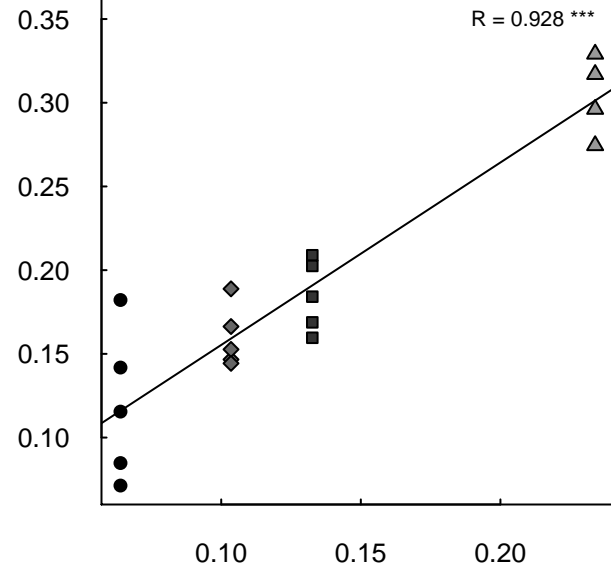
8



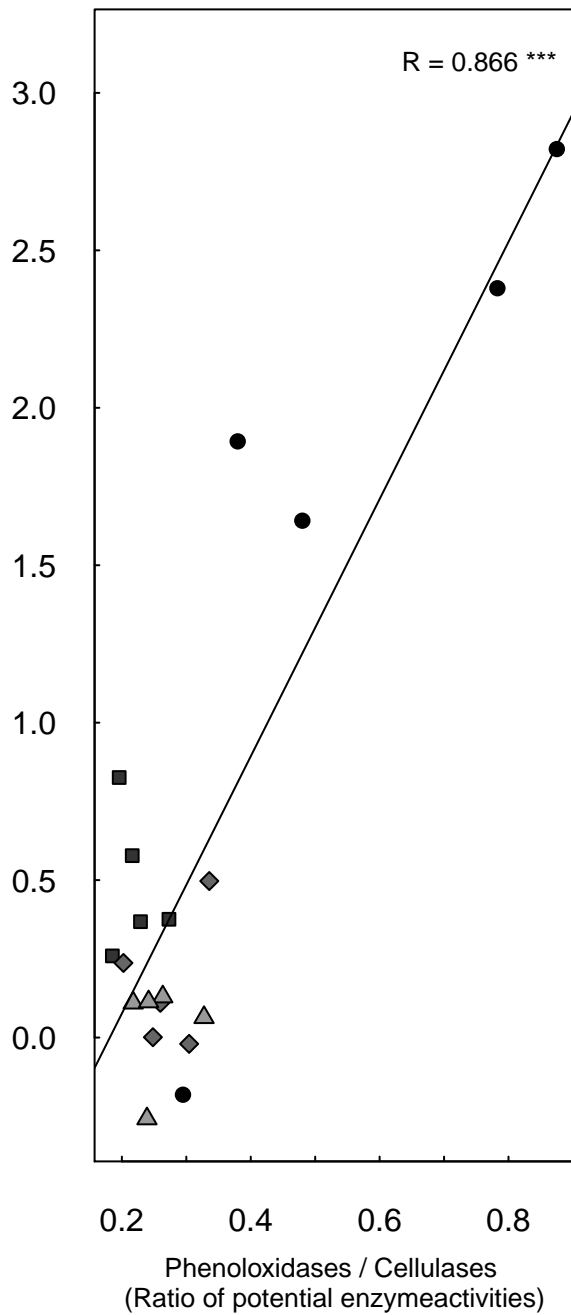
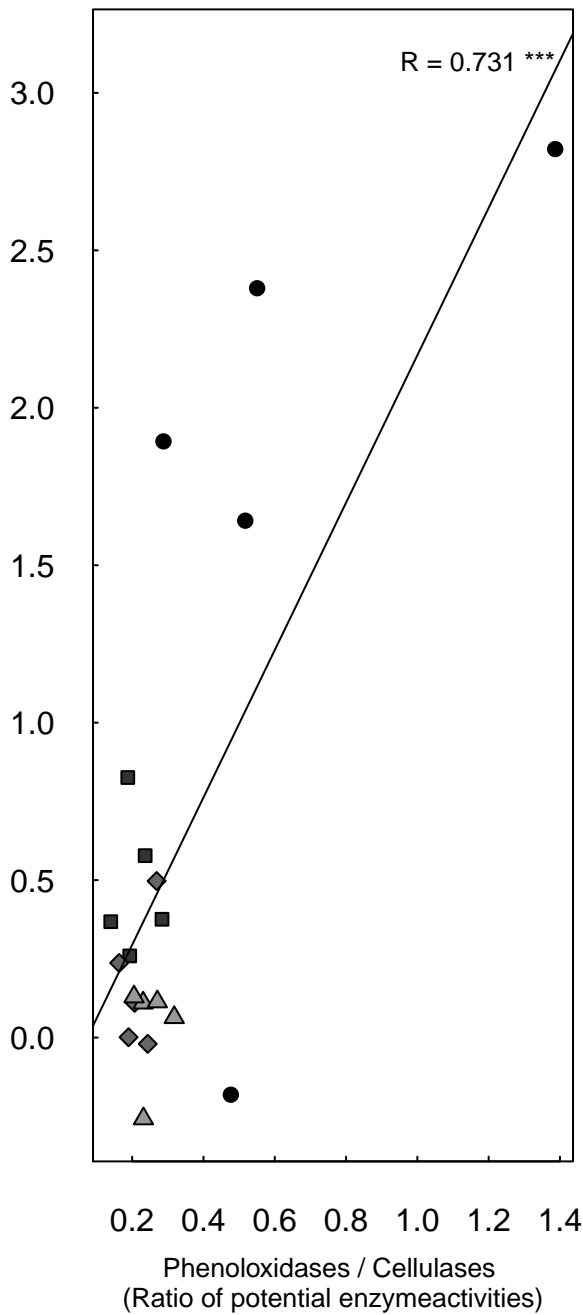
days 0 – 181

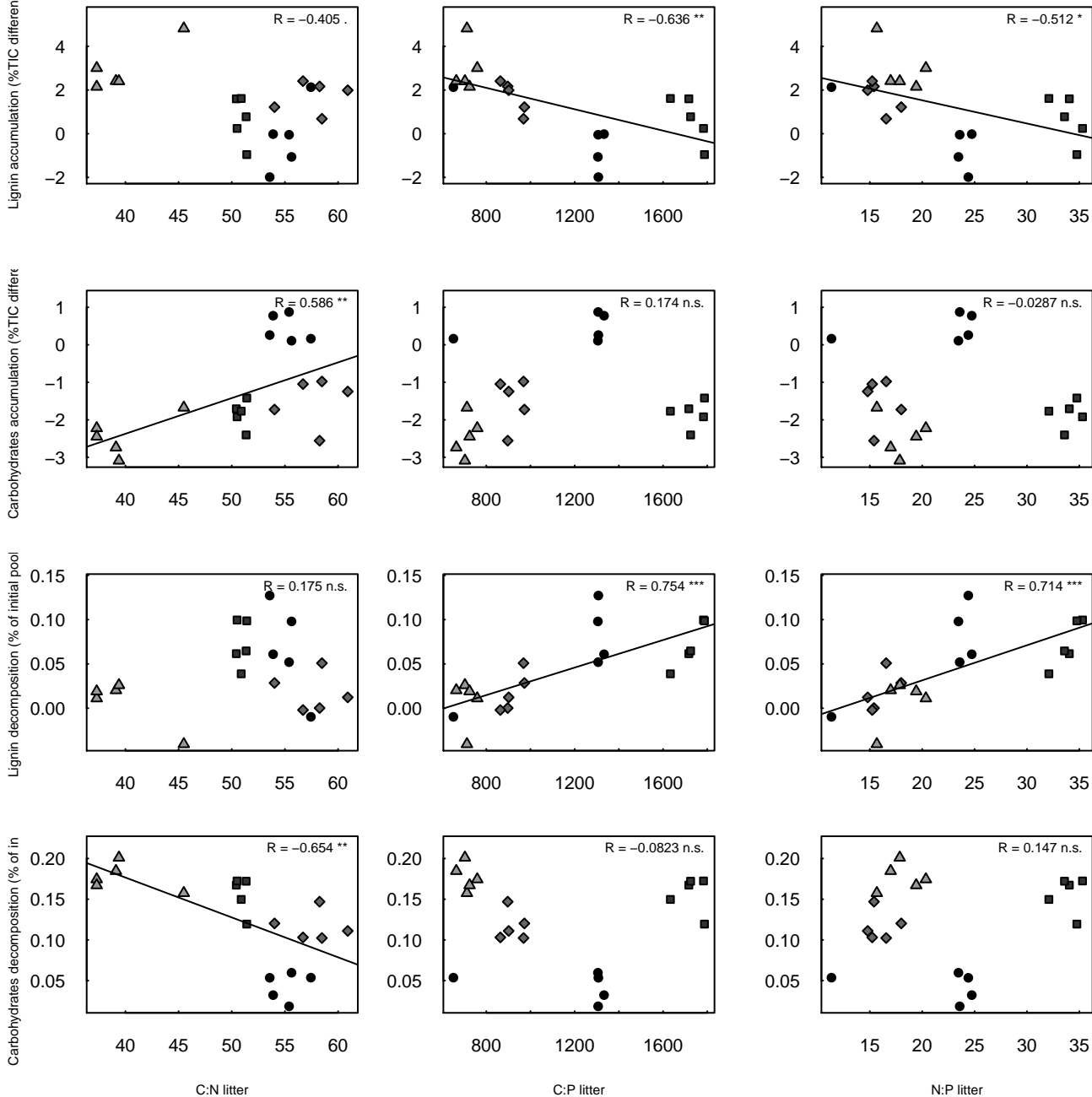


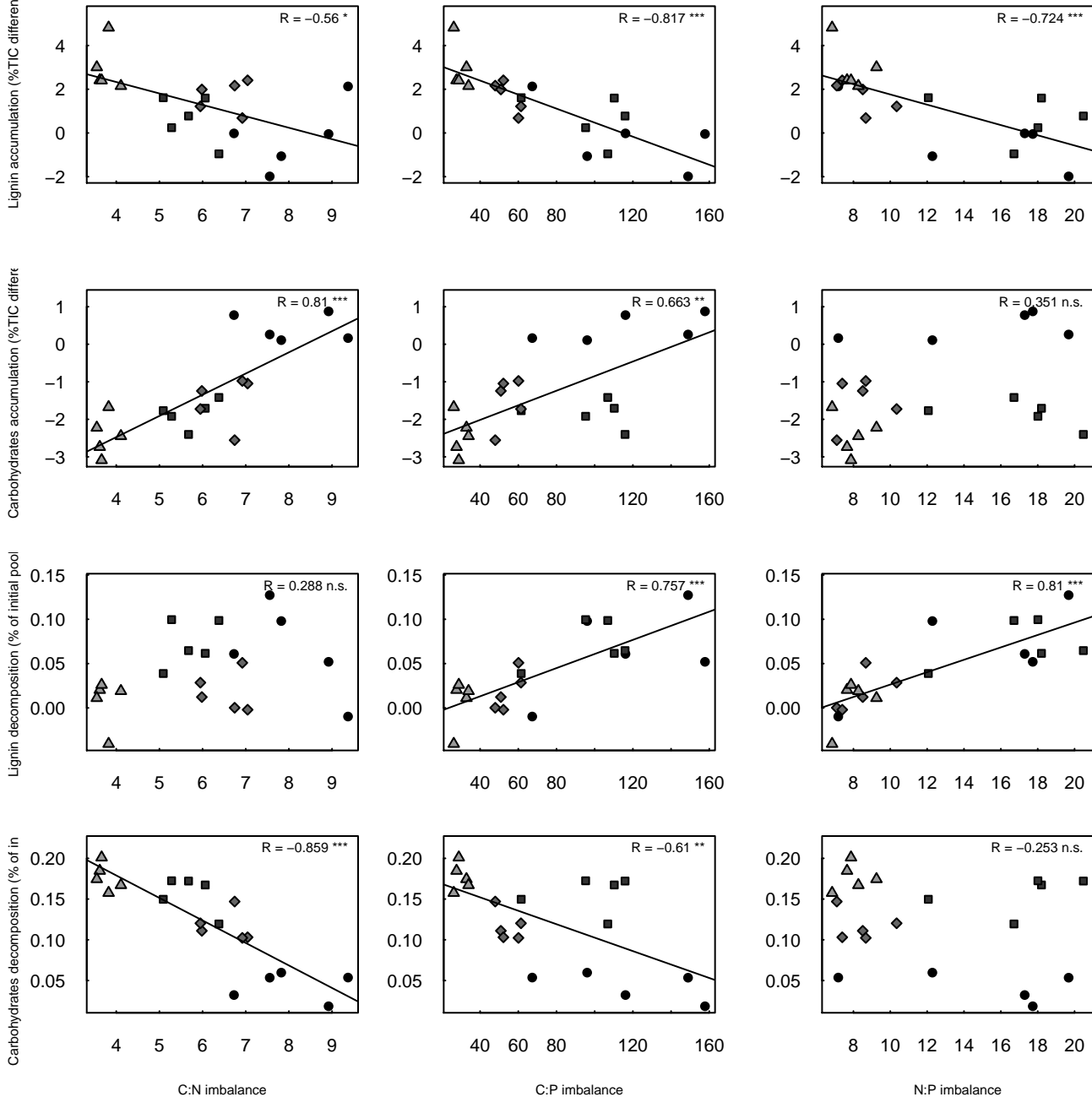
days 181–475



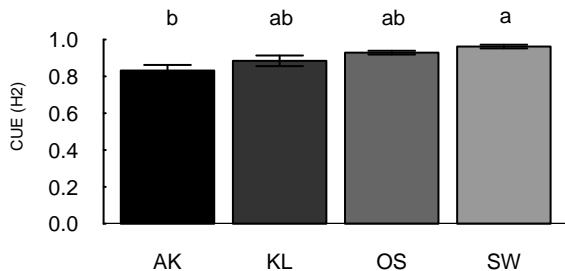
Decomposition (Lignin/Carbohydrates)
ratio of % of initial content decomposed.







glucan depolymerization based



glucose consumption based based

