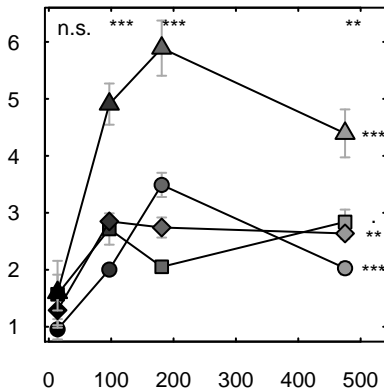
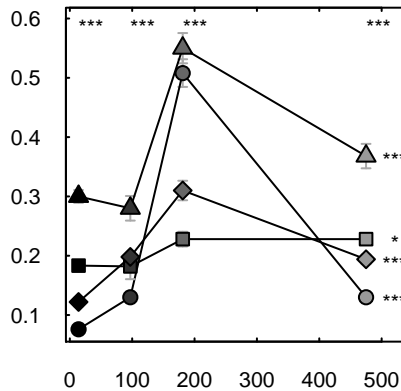
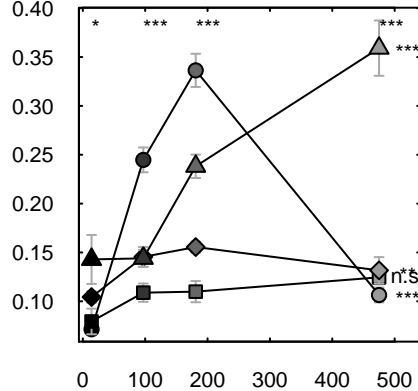
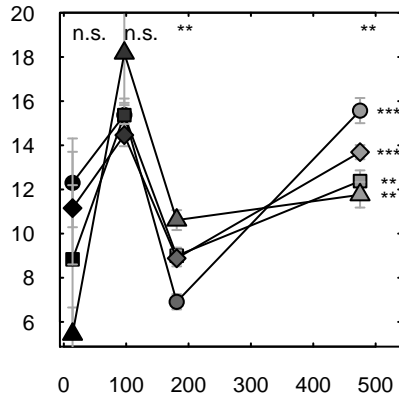
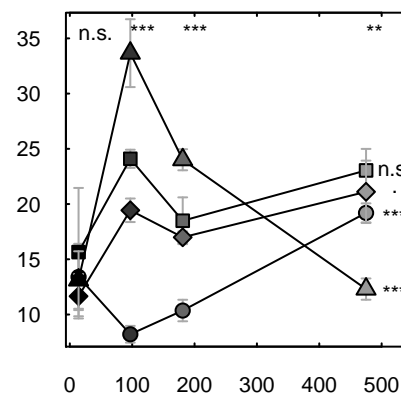
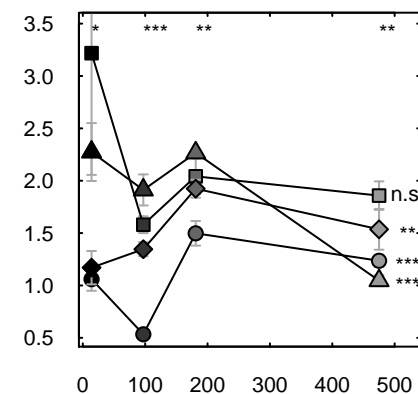
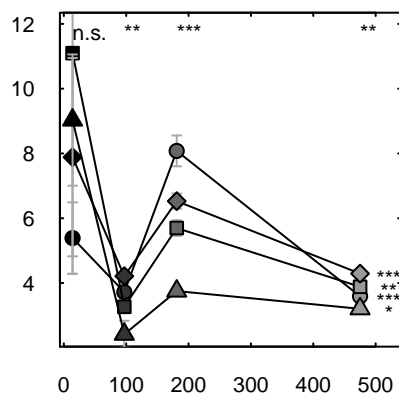
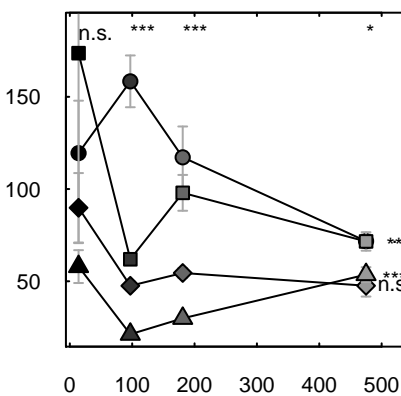
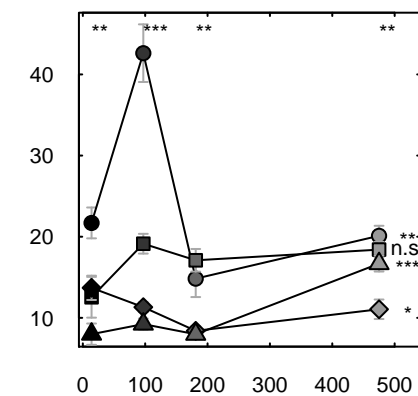
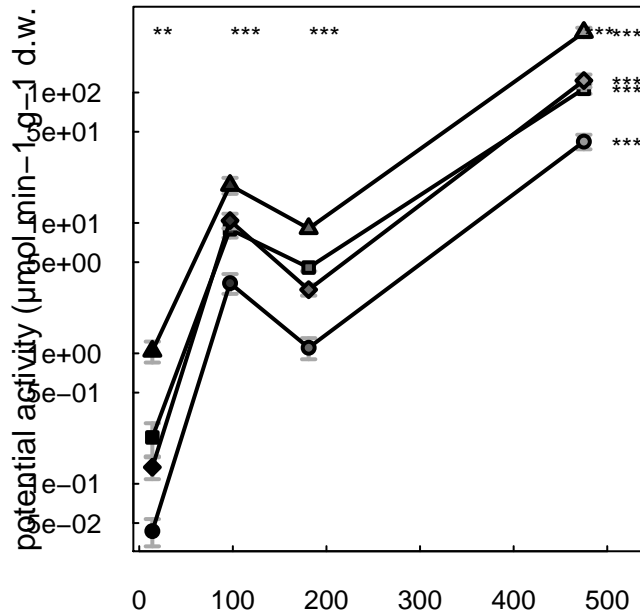
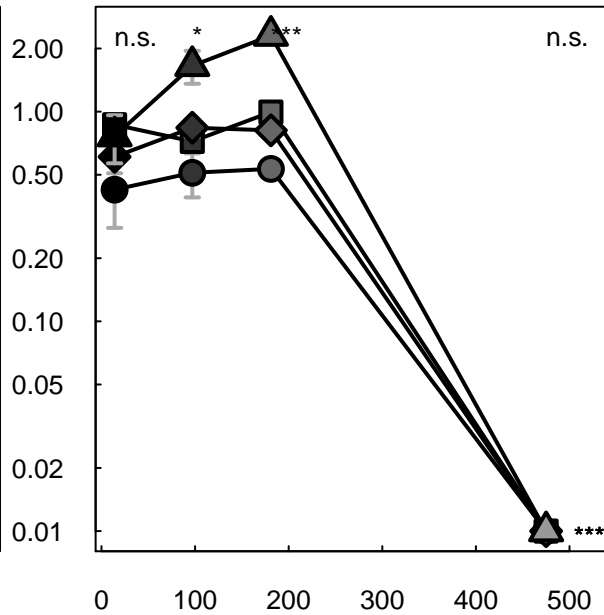


mg C g<sup>-1</sup> d.w.**Microbial C****Microbial N****Microbial P****Mic. C:N ratio****Mic. C:P ratio****Mic. N:P ratio****C:N imbalance****C:P imbalance****N:P imbalance**

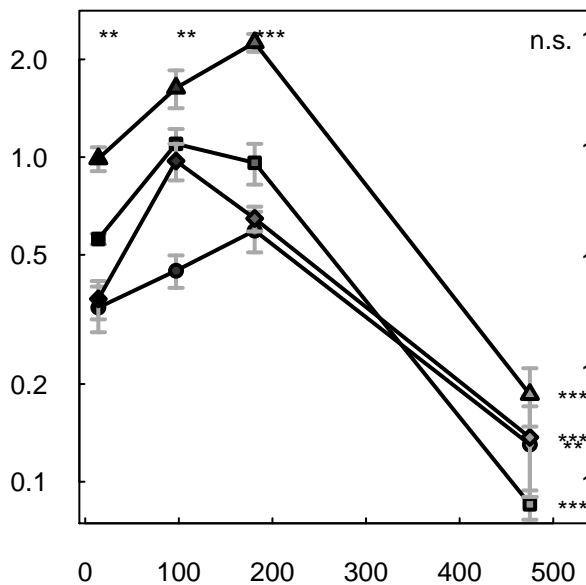
### Cellulase



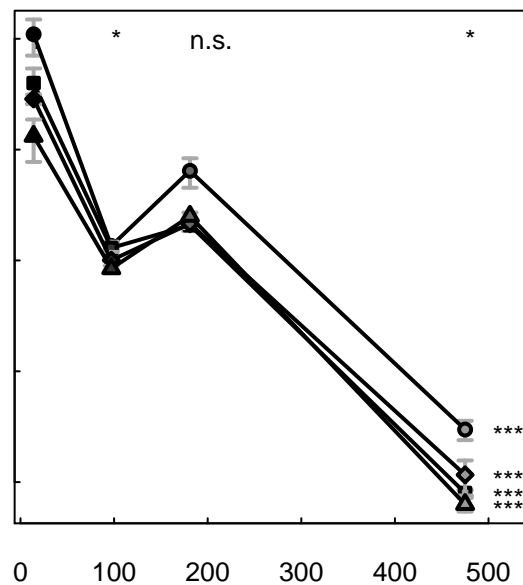
### Peroxydase

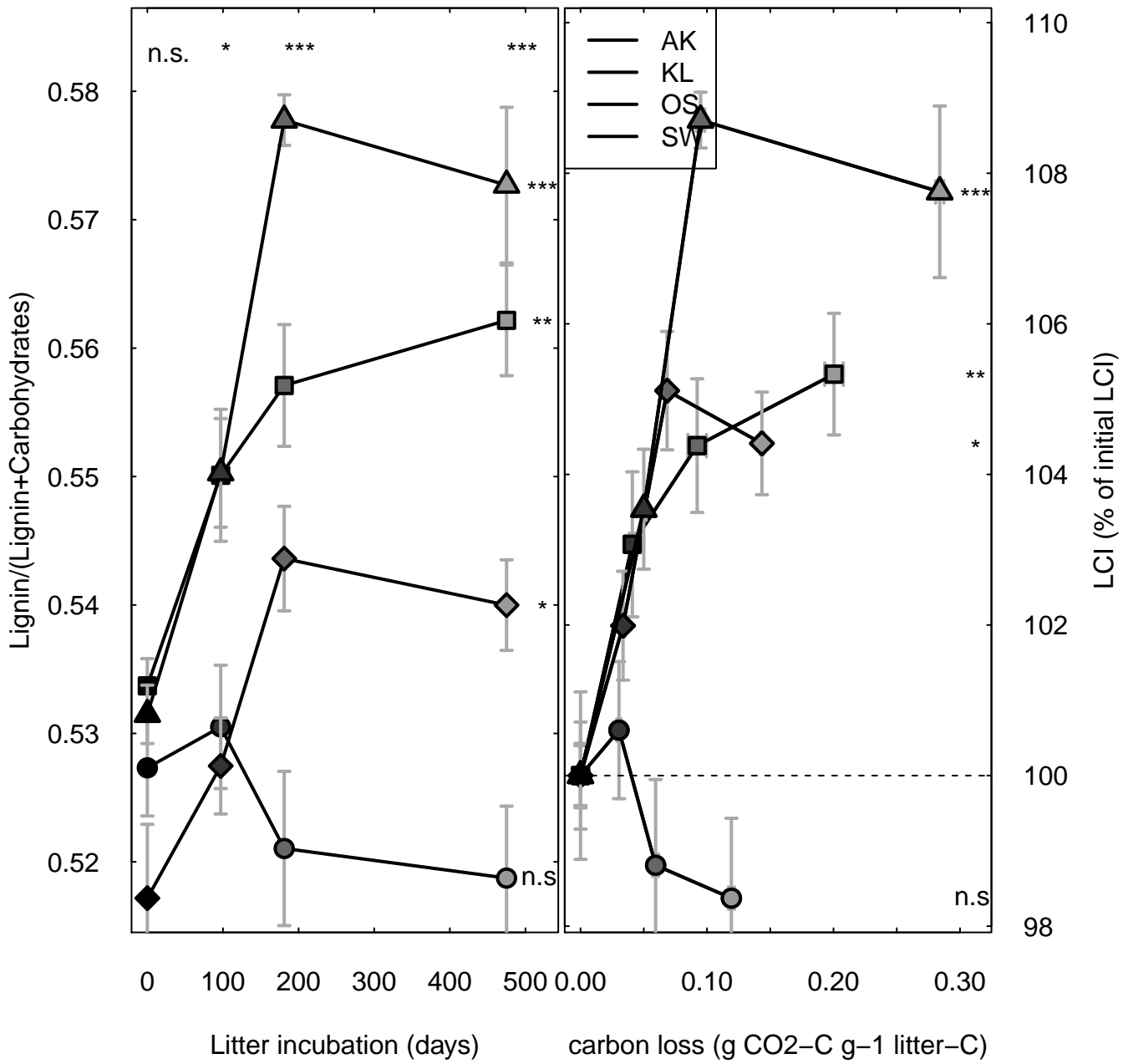


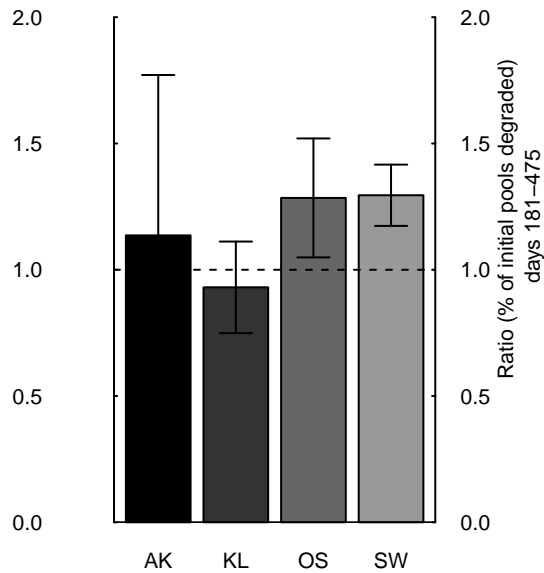
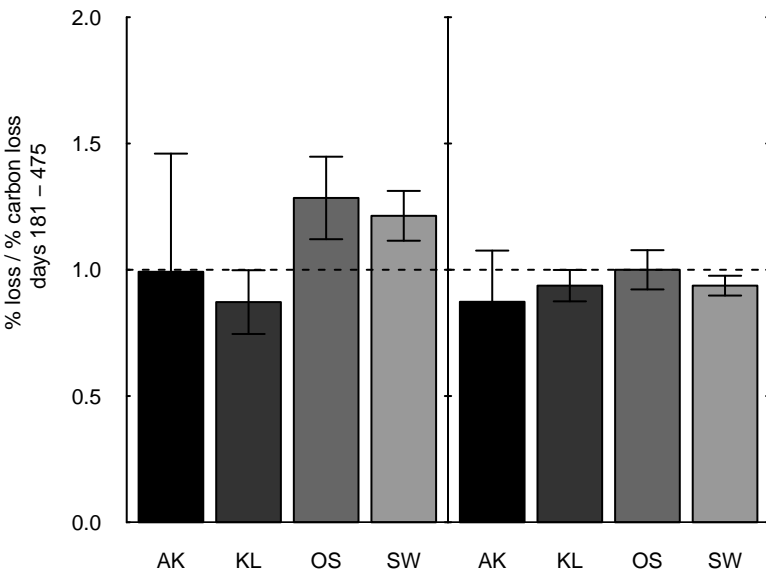
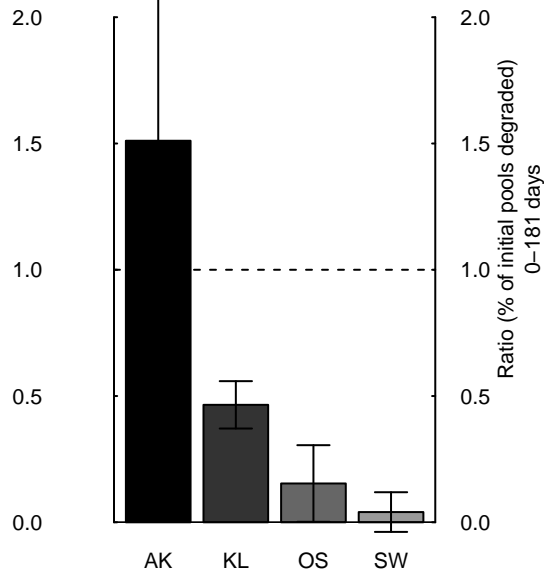
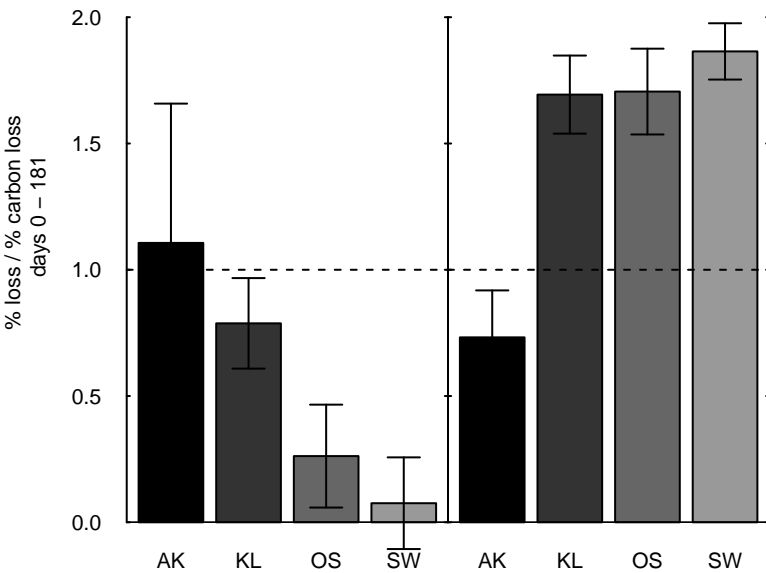
### Phenoloxydase



### 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  
0.0006

40

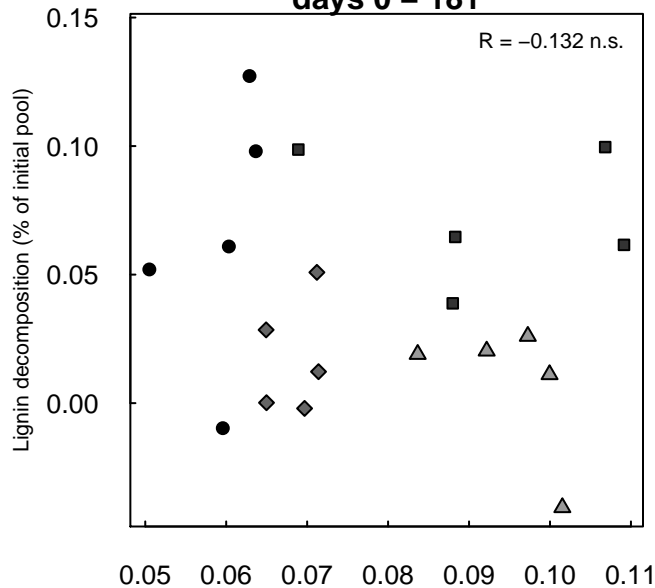


-0.0000  
0.0000  
0.0000  
0.0000  
0.0000  
0.0006

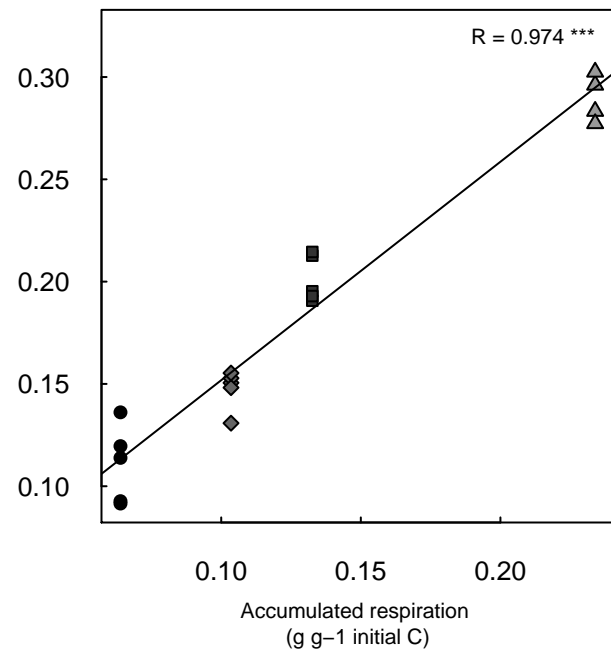
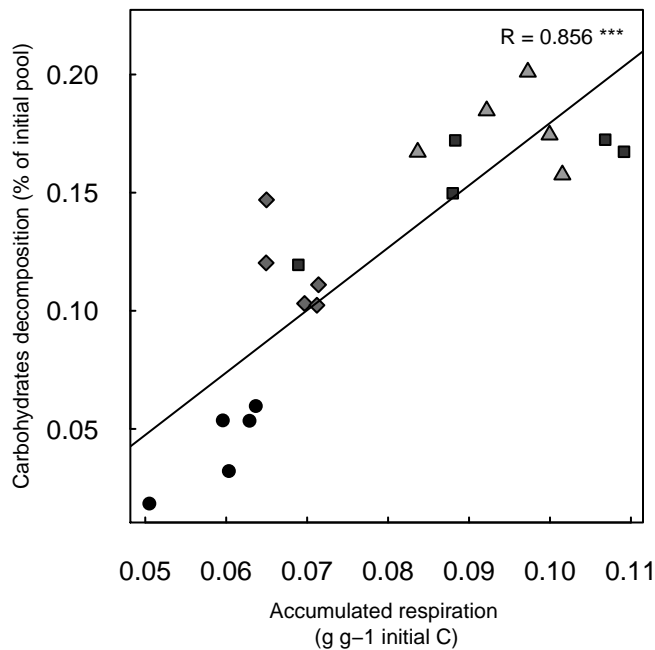
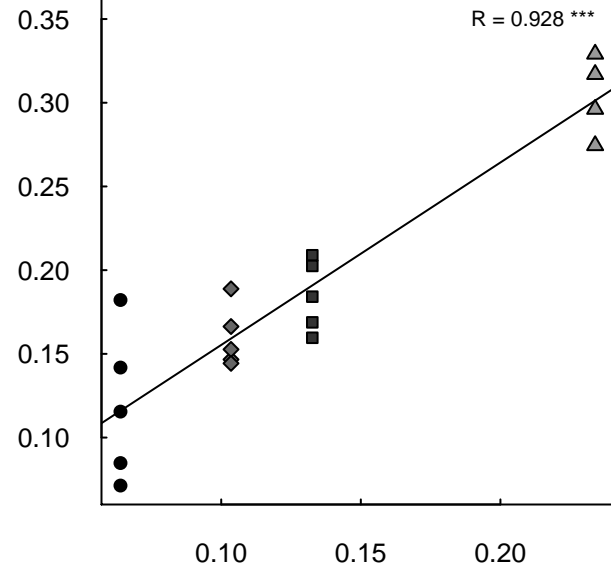
8



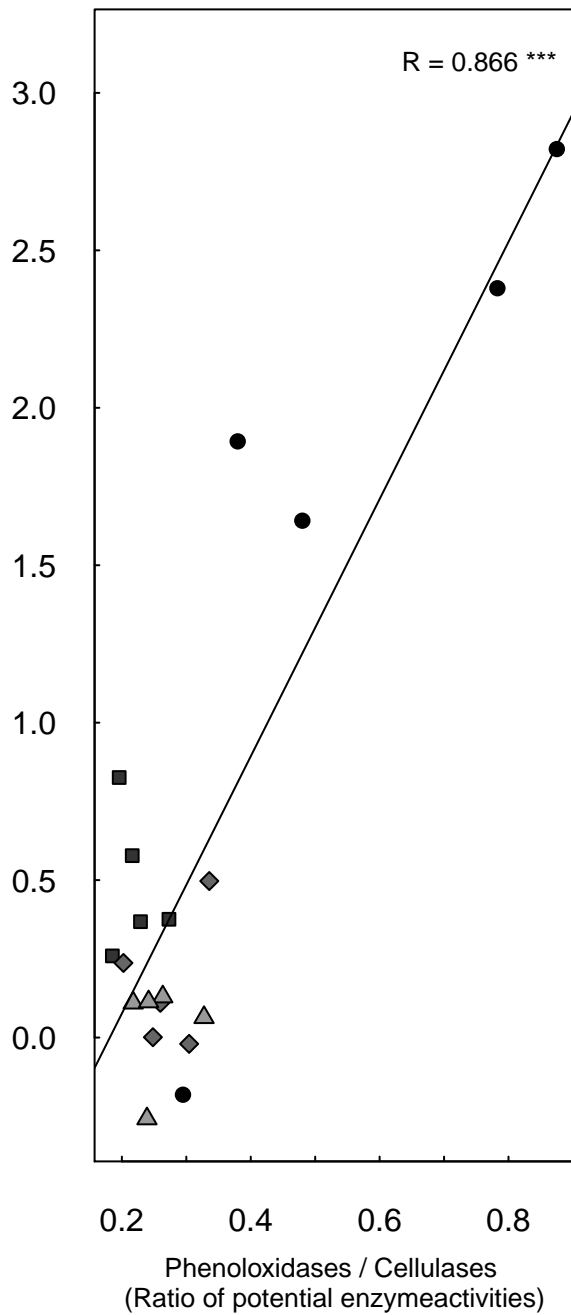
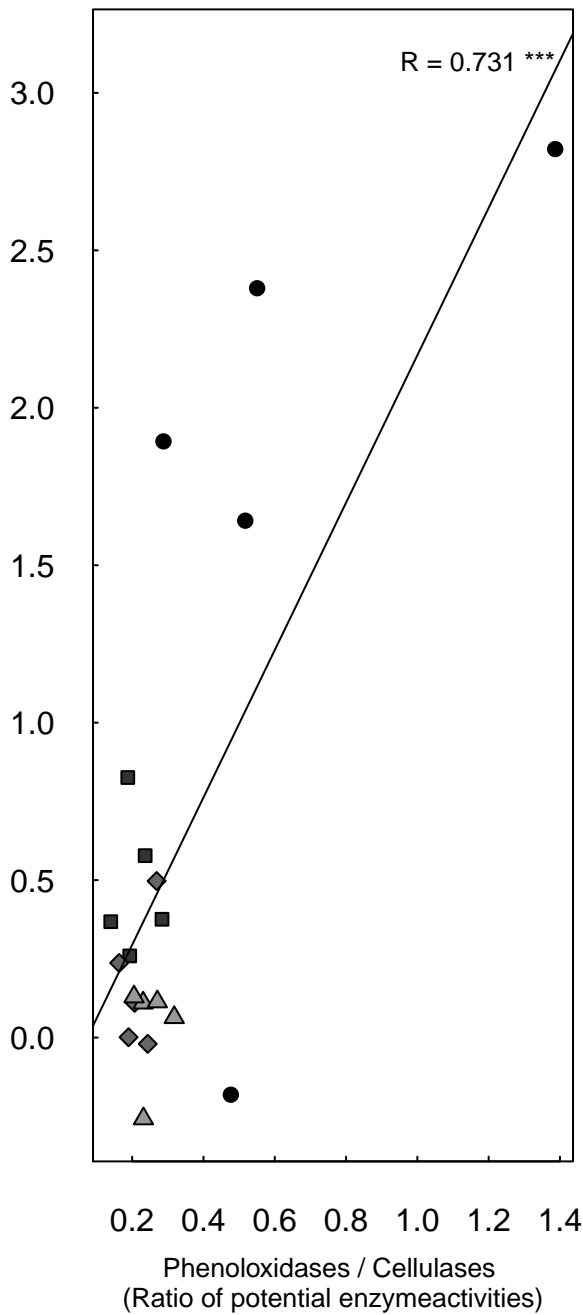
**days 0 – 181**

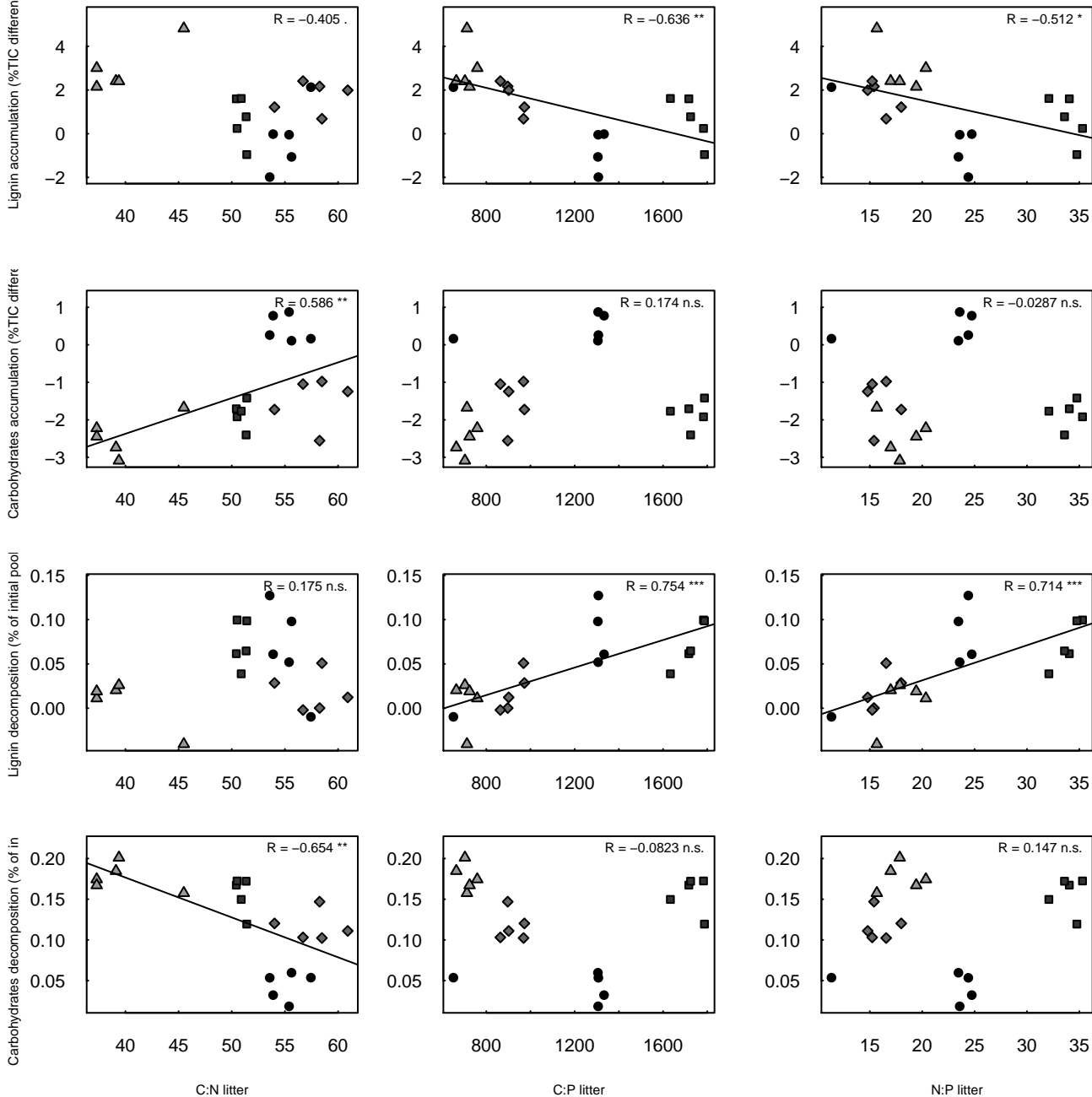


**days 181–475**

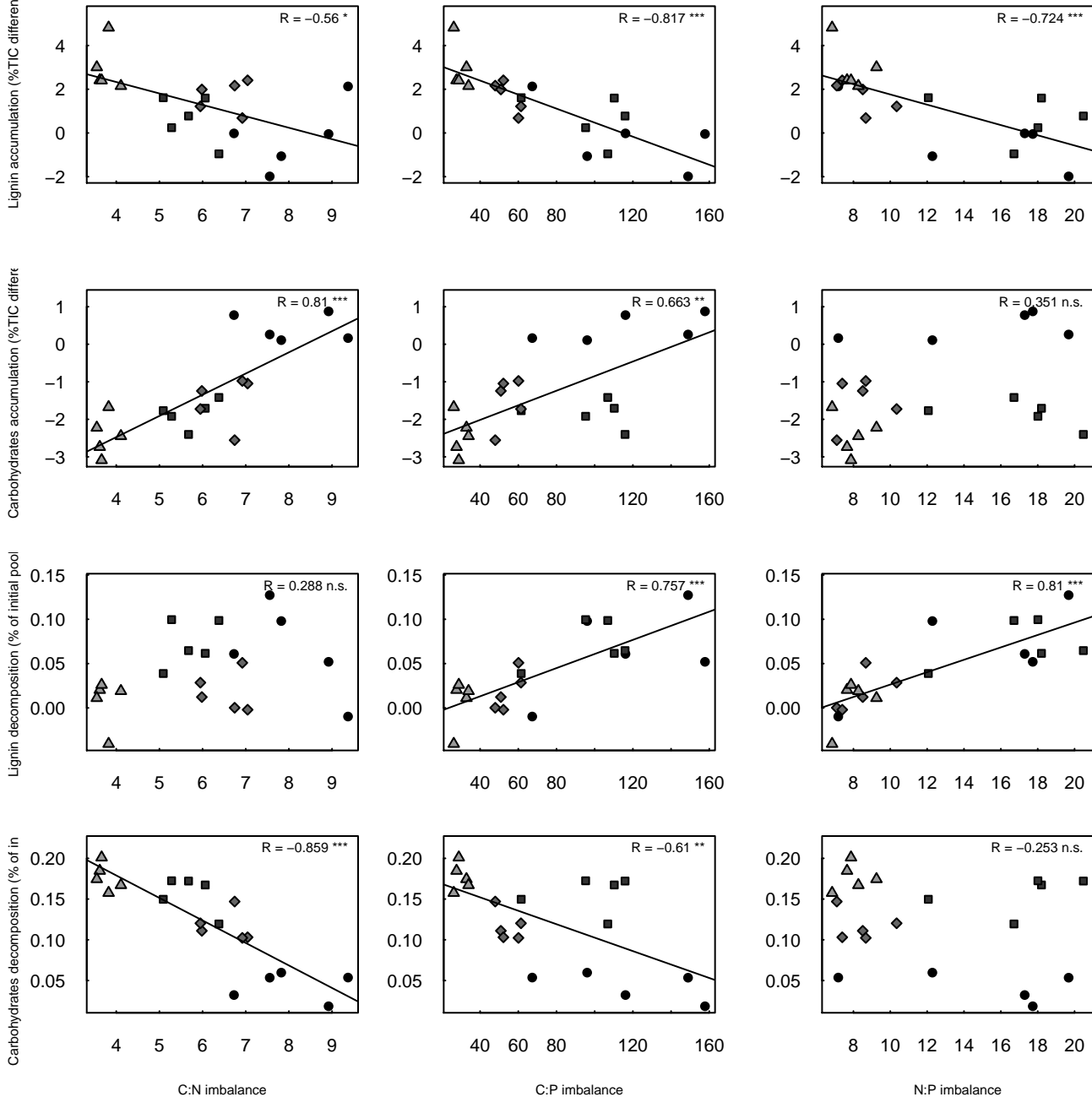


Decomposition (Lignin/Carbohydrates)  
ratio of % of initial content decomposed.

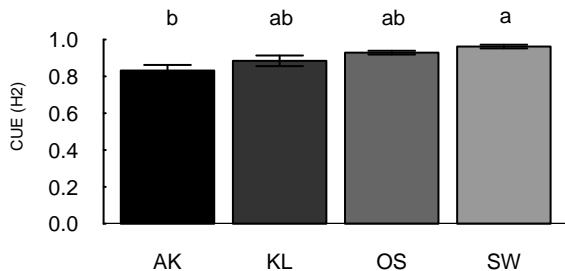








**glucan depolymerization based**



**glucose consumption based based**

