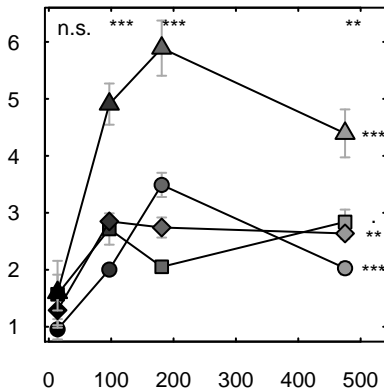
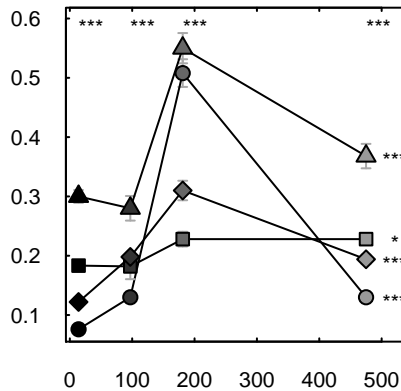
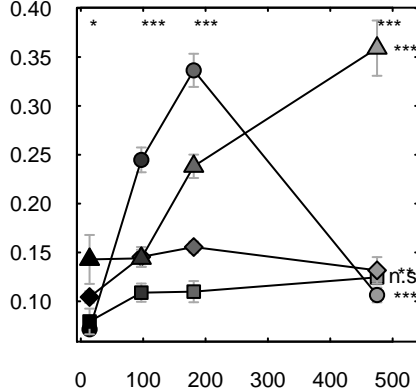
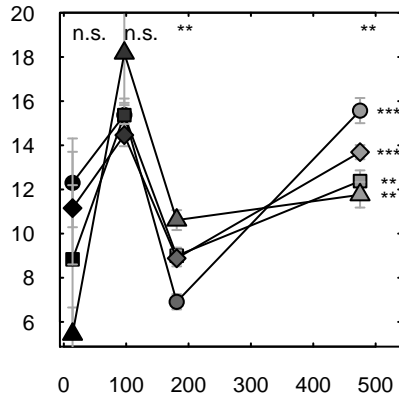
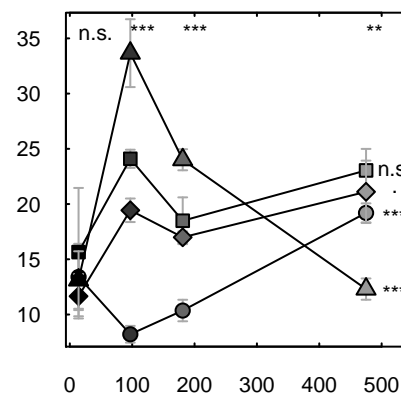
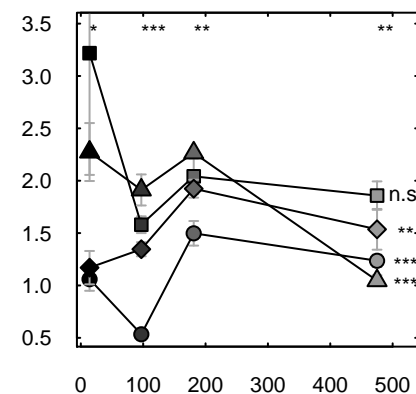
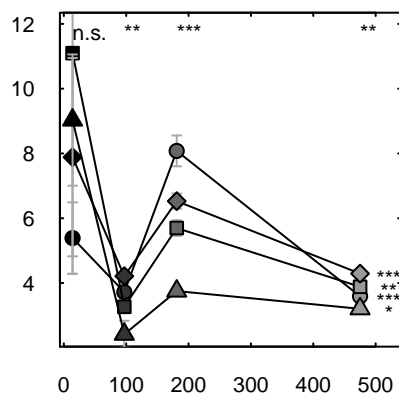
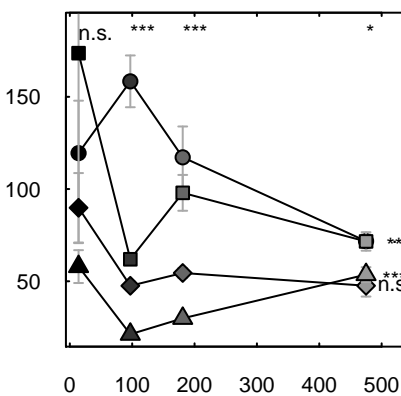
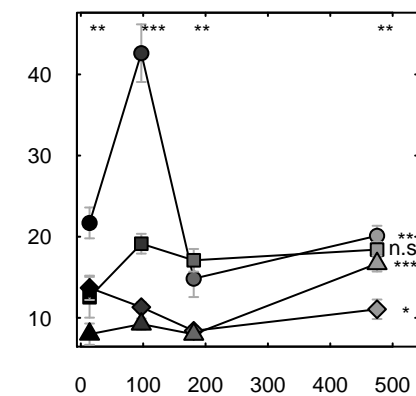
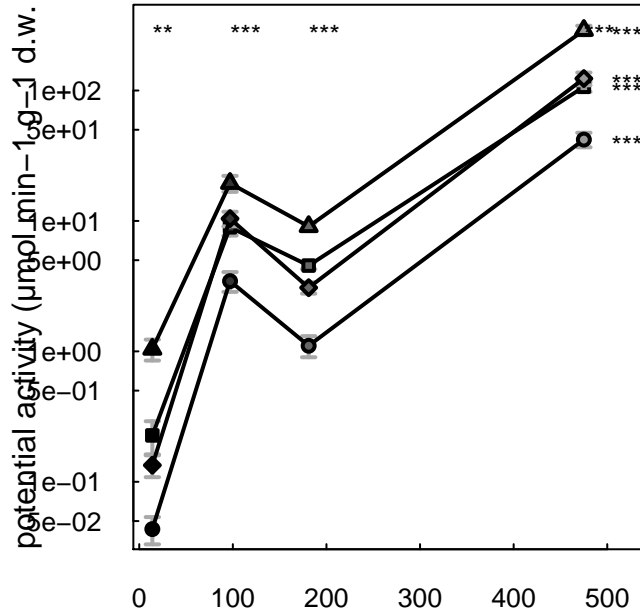
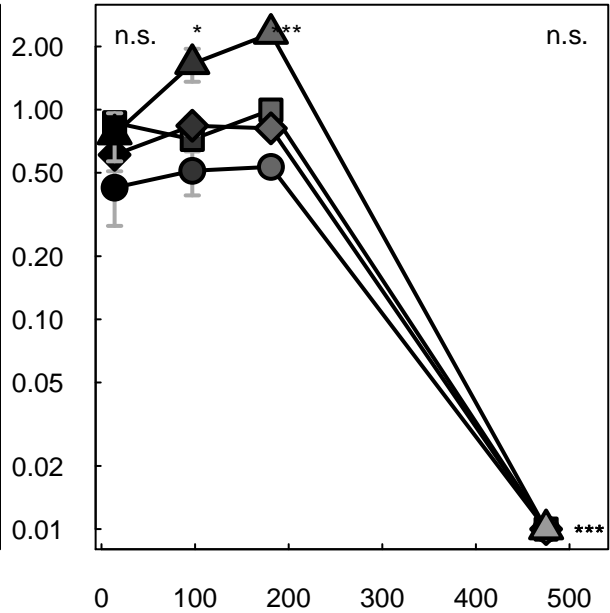


mg C g⁻¹ d.w.**Microbial C****Microbial N****Microbial P****Mic. C:N ratio****Mic. C:P ratio****Mic. N:P ratio****C:N imbalance****C:P imbalance****N:P imbalance**

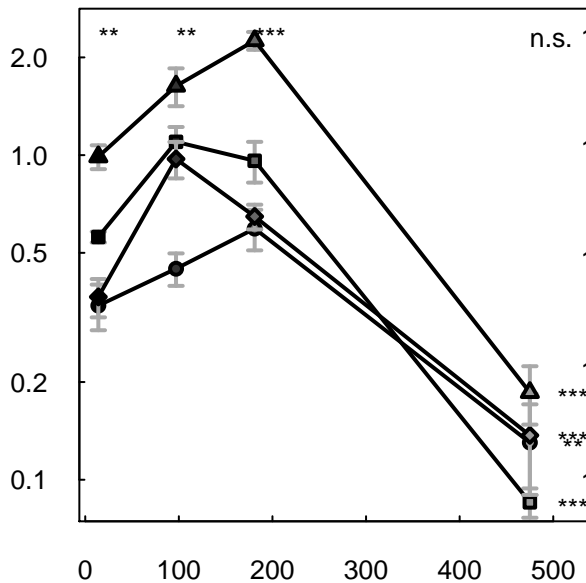
Cellulase



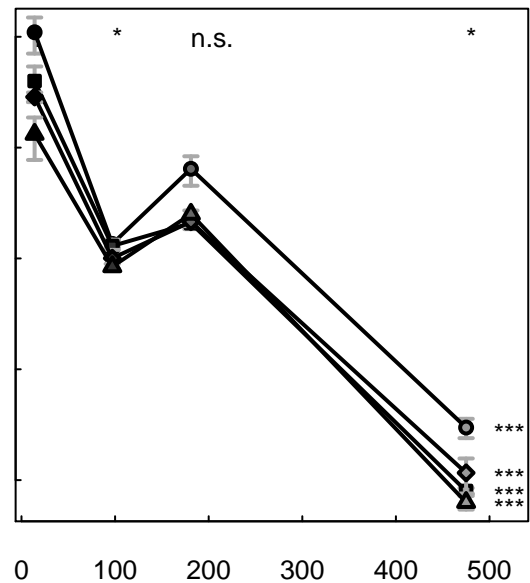
Peroxydase

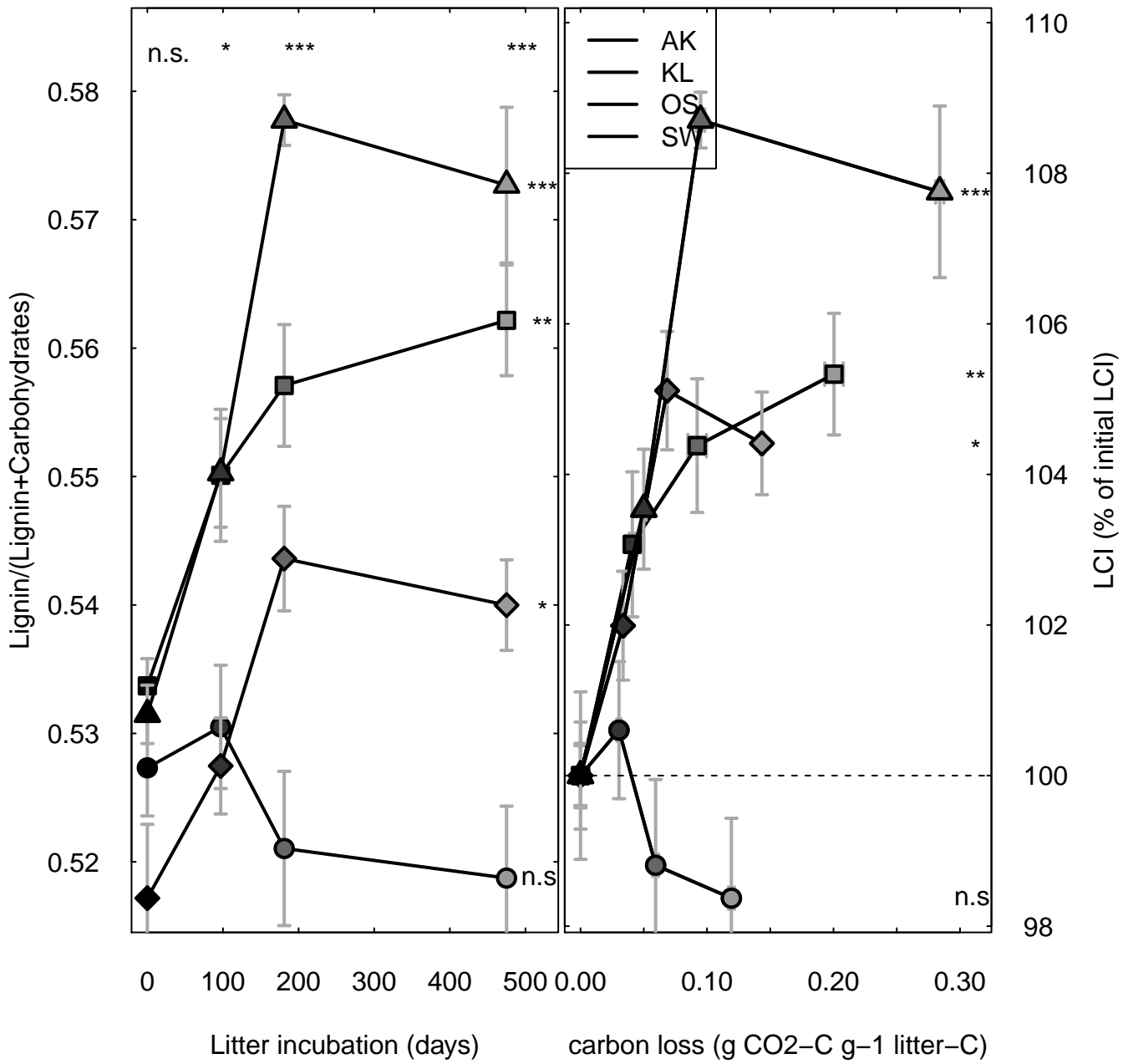


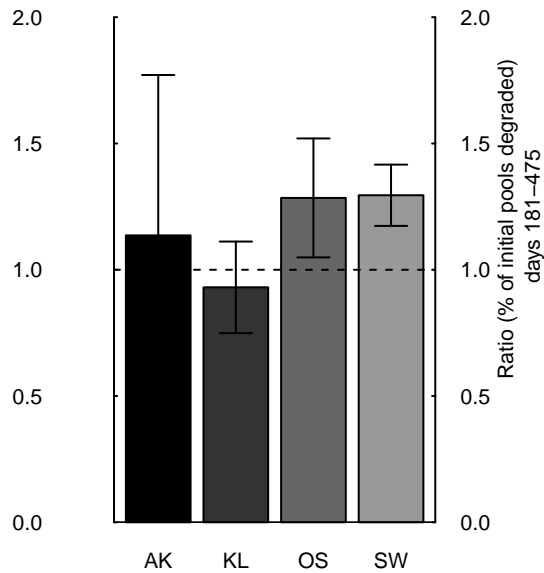
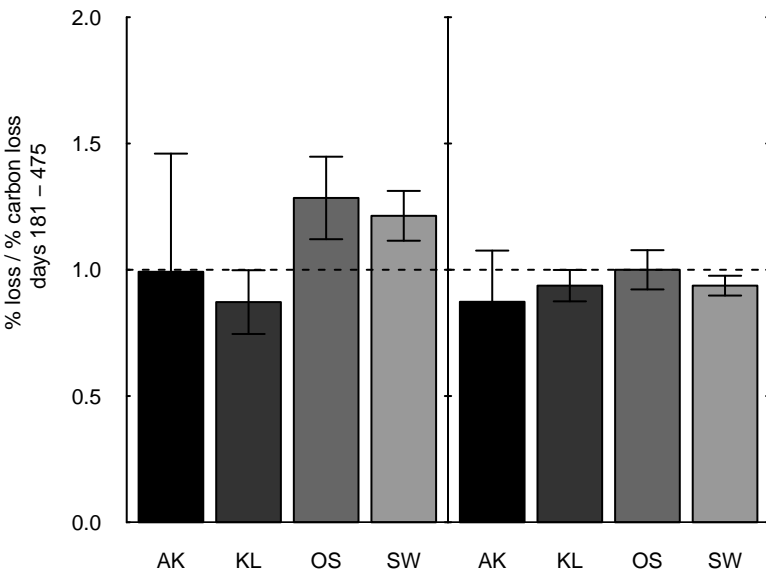
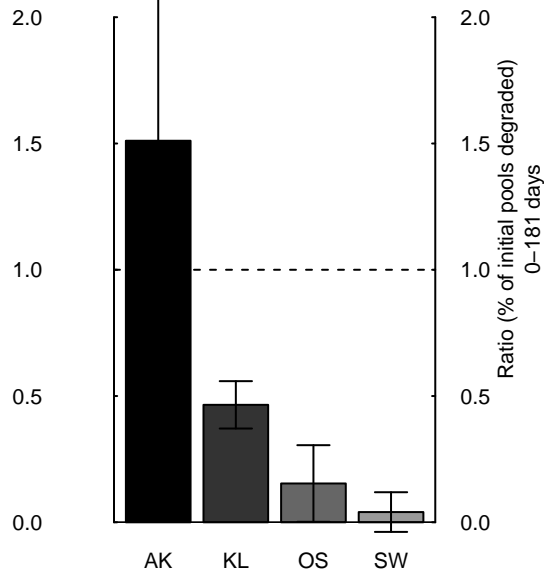
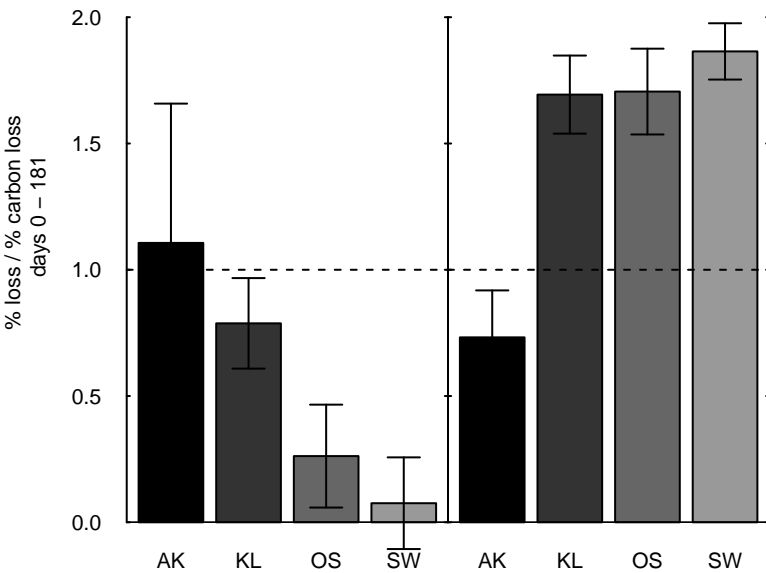
Phenoloxydase



Phenoloxydase/Cellulase





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

Lignin decomp
Carbohydrate decomp

3
2
1
0

4



40

3
2
1
0



8

3
2
1
0



LCl change

0.06
0.04
0.02
0.00
-0.02

4



40

0.06
0.04
0.02
0.00
-0.02



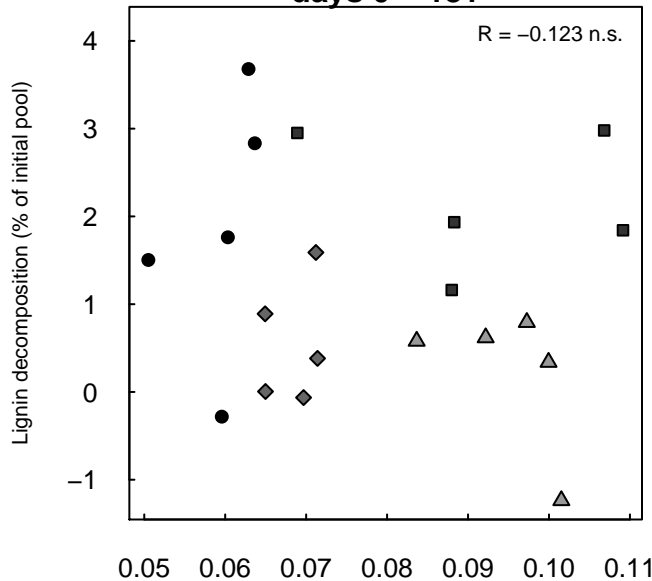
8

0.06
0.04
0.02
0.00
-0.02

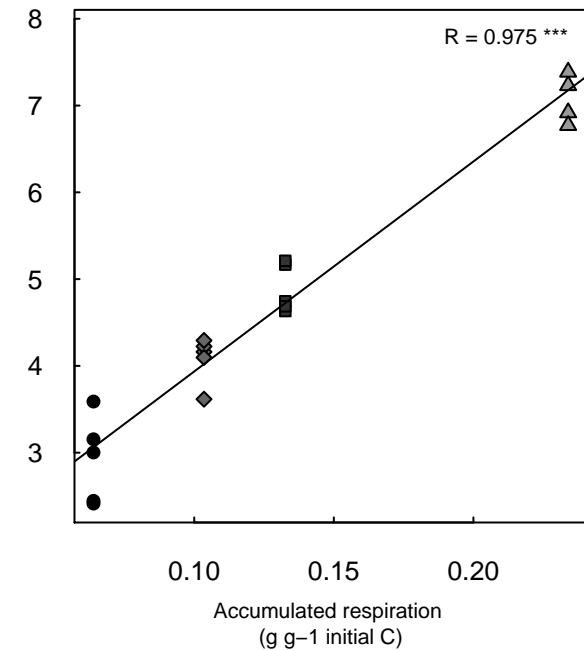
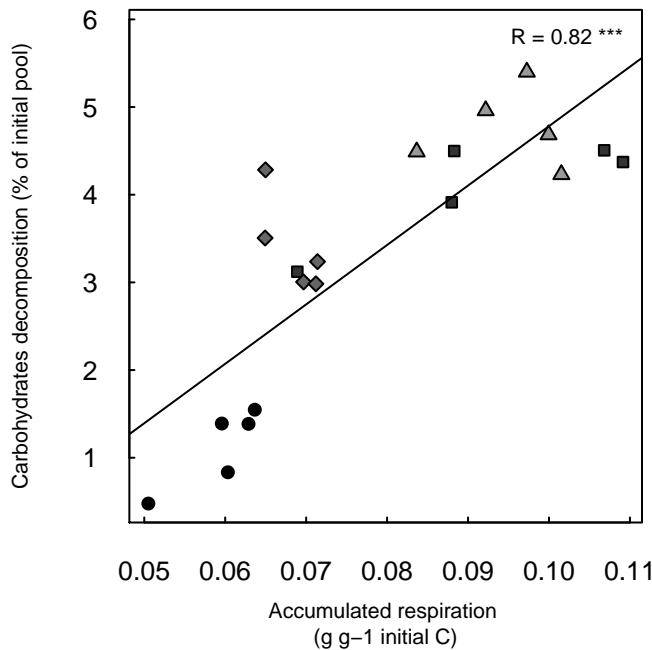
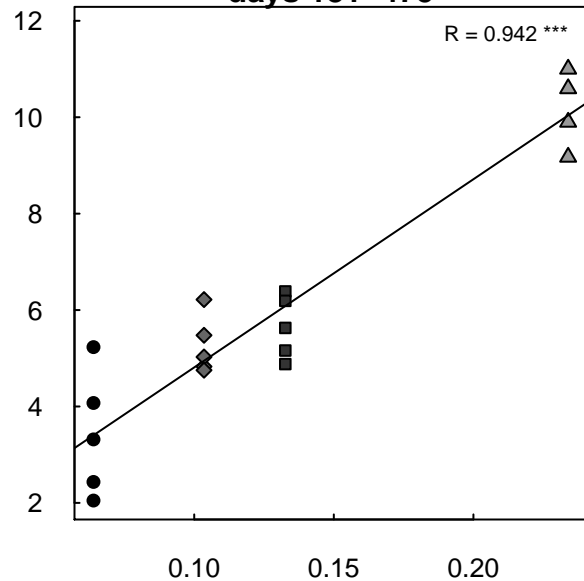


C:N resource / C:P resource / C:N:P resource / N:P resource

days 0 – 181



days 181–475



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

