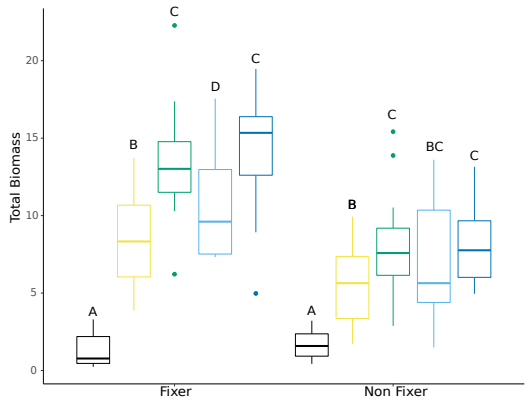
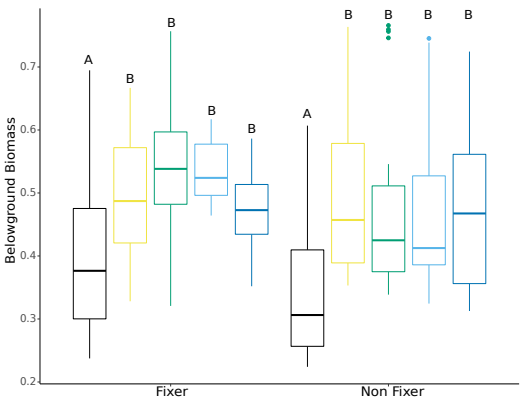
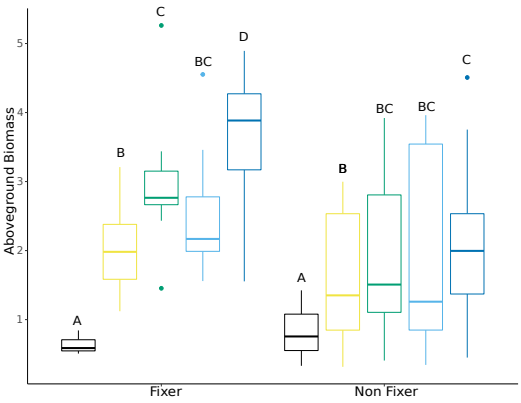
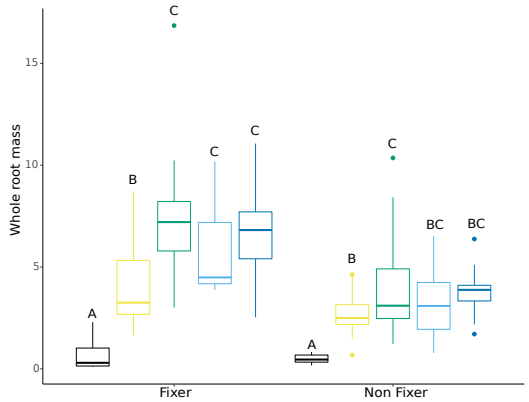
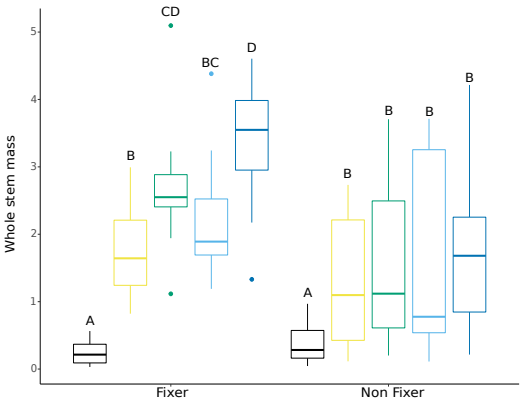
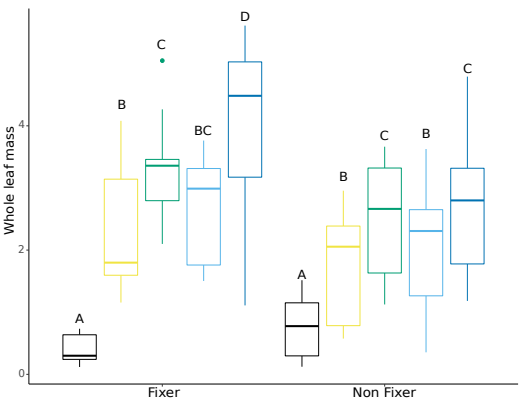


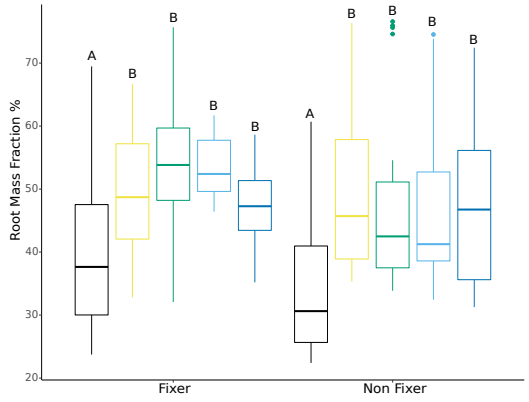


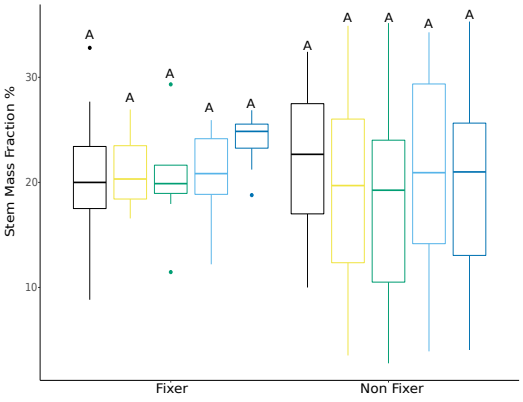


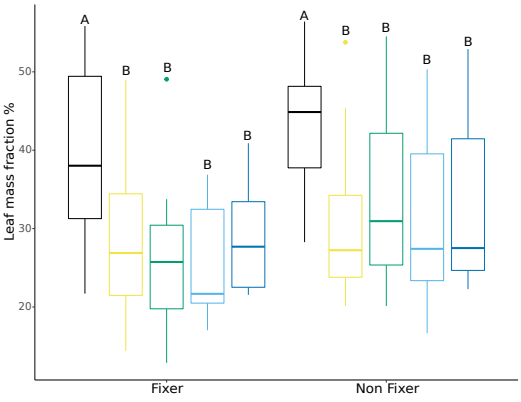






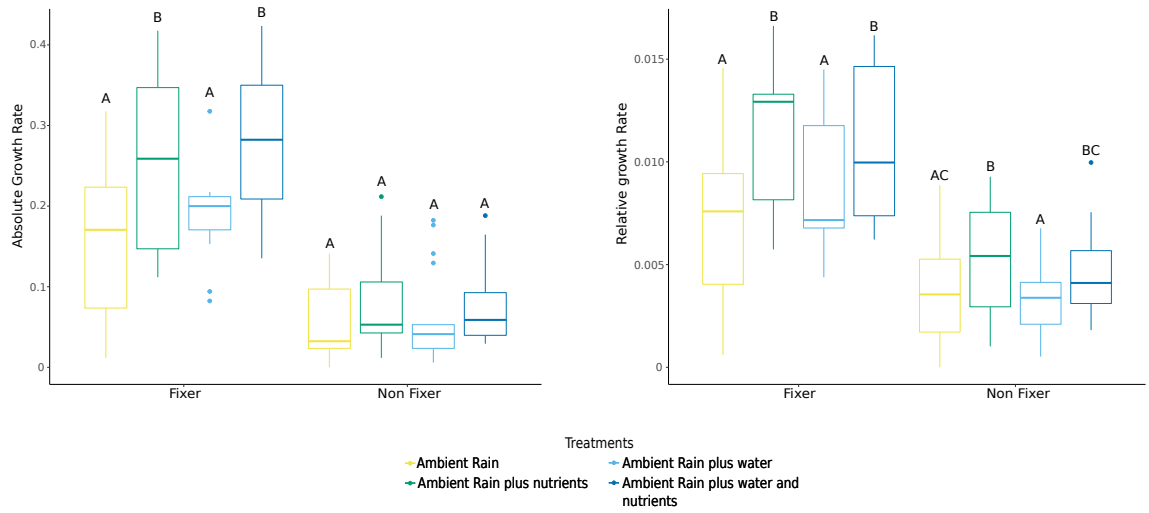


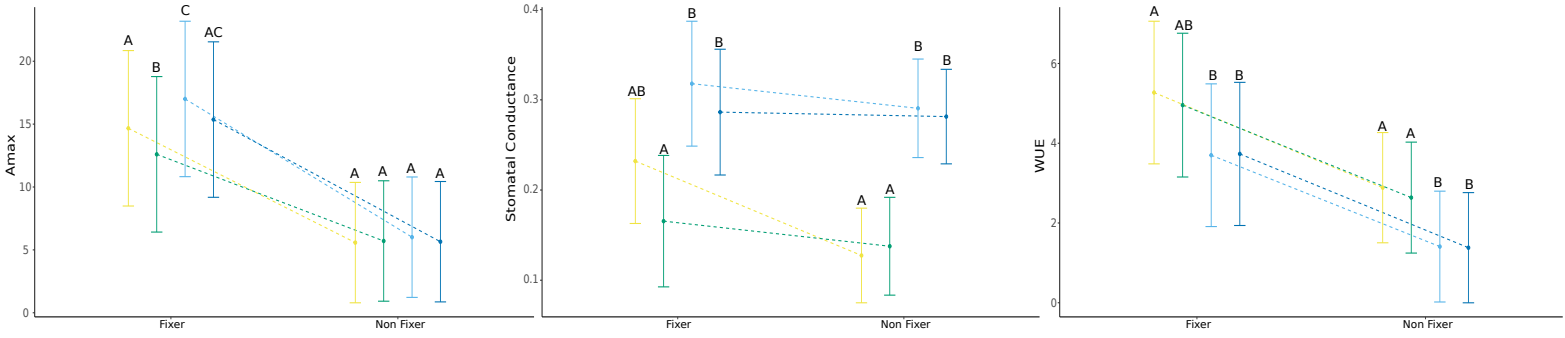


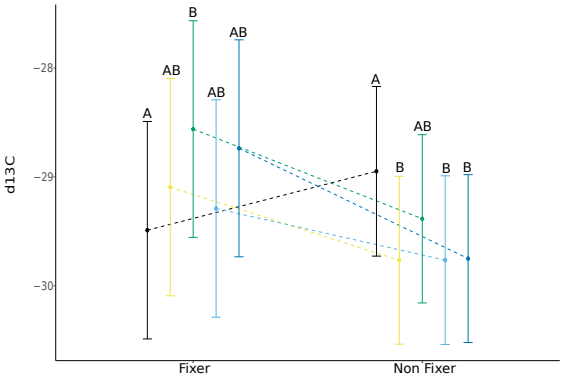


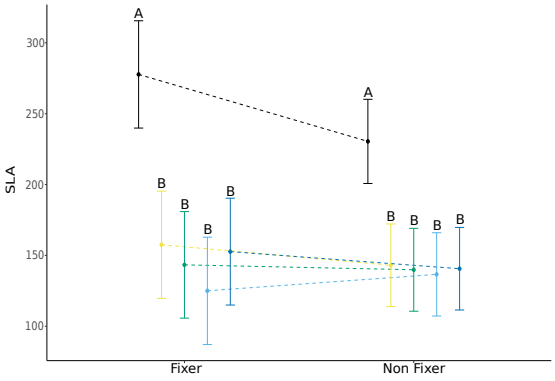
Treatments

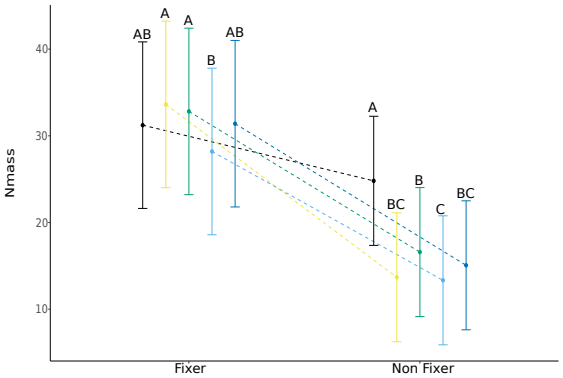
- Harvested at the beggining
- Ambient Rain
- Ambient Rain plus nutrients
- Ambient Rain plus water
- Ambient Rain plus water and nutrients

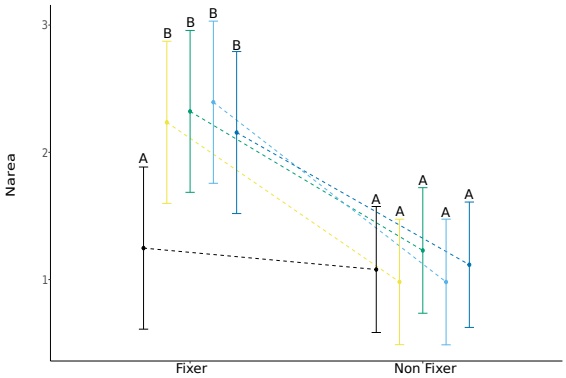

Absolute Growth Rate
0.4
0.3
0.2
0.1
0
A
B
A
B
A
A
A
A
Fixer
Non Fixer
Relative growth Rate
0.015
0.010
0.005
0
A
B
A
B
AC
B
A
BC
Fixer
Non Fixer
Treatments
Ambient Rain
Ambient Rain plus water
Ambient Rain plus nutrients
Ambient Rain plus water and nutrients

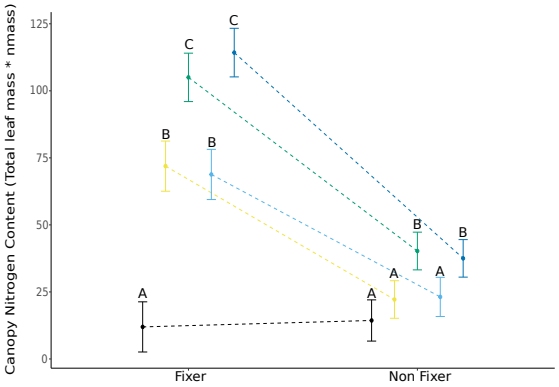

Amax
0
5
10
15
20
A
B
C
AC
A
A
A
A
Fixer
Non Fixer
Stomatal Conductance
0.1
0.2
0.3
0.4
AB
A
B
B
A
A
B
B
Fixer
Non Fixer
WUE
0
2
4
6
A
AB
B
B
A
A
B
B
Fixer
Non Fixer
Treatments
Ambient Rain
Ambient Rain plus nutrients
Ambient Rain plus water
Ambient Rain plus water and nutrients

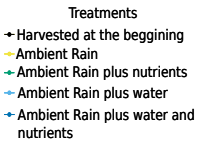

d13C
−28
−29
−30
A
AB
B
AB
AB
A
B
AB
B
B
Fixer
Non Fixer


SLA
300
250
200
150
100
A
A
B
B
B
B
B
B
B
B
Fixer
Non Fixer


Nmass
40
30
20
10
AB
A
A
B
AB
A
BC
B
C
BC
Fixer
Non Fixer


Narea
3
2
1
A
B
B
B
B
A
A
A
A
A
Fixer
Non Fixer


Canopy Nitrogen Content (Total leaf mass * nmass)
125
100
75
50
25
0
A
C
C
B
B
A
A
B
A
B
Fixer
Non Fixer


Treatments
Harvested at the beggining
Ambient Rain
Ambient Rain plus nutrients
Ambient Rain plus water
Ambient Rain plus water and nutrients