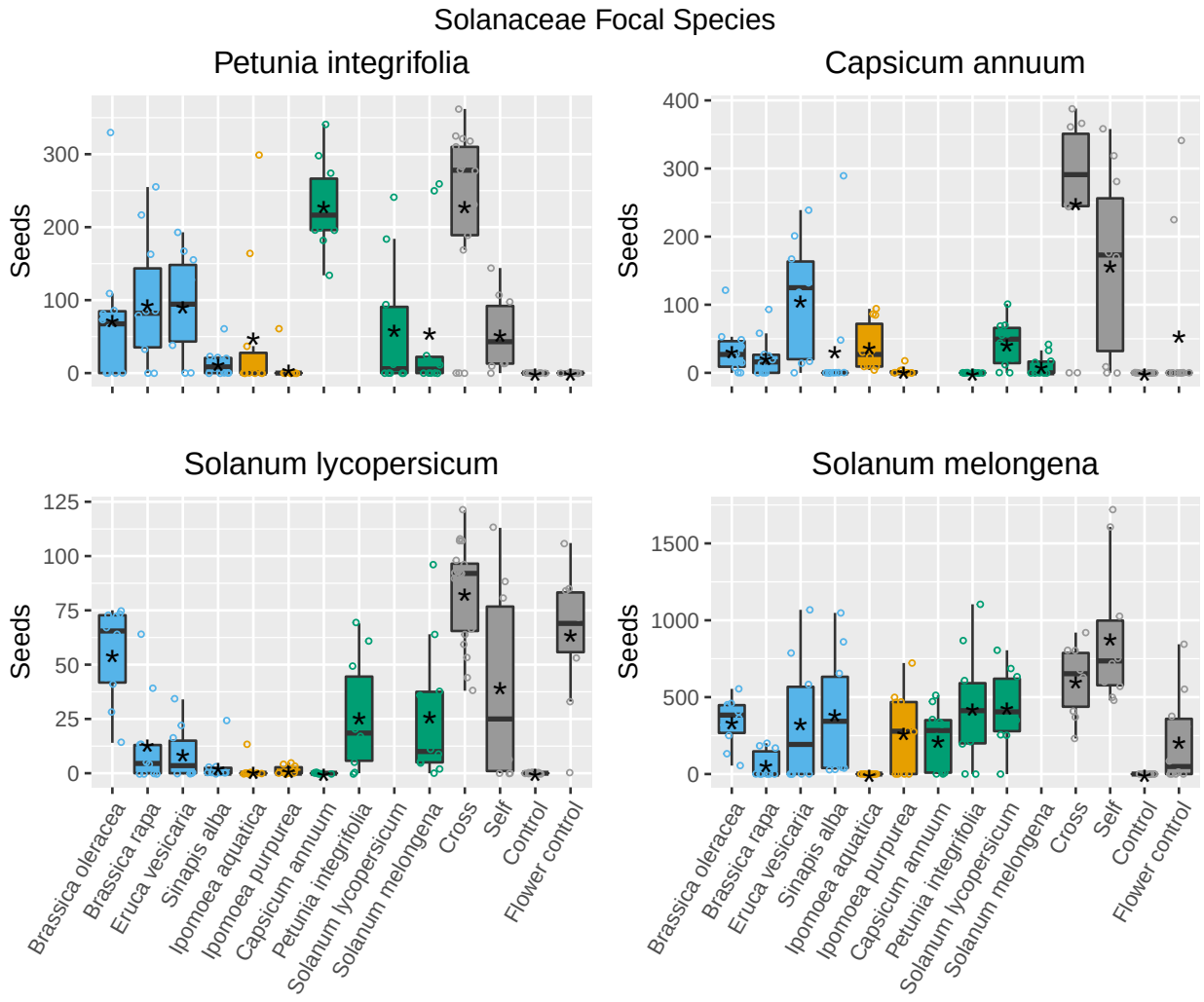
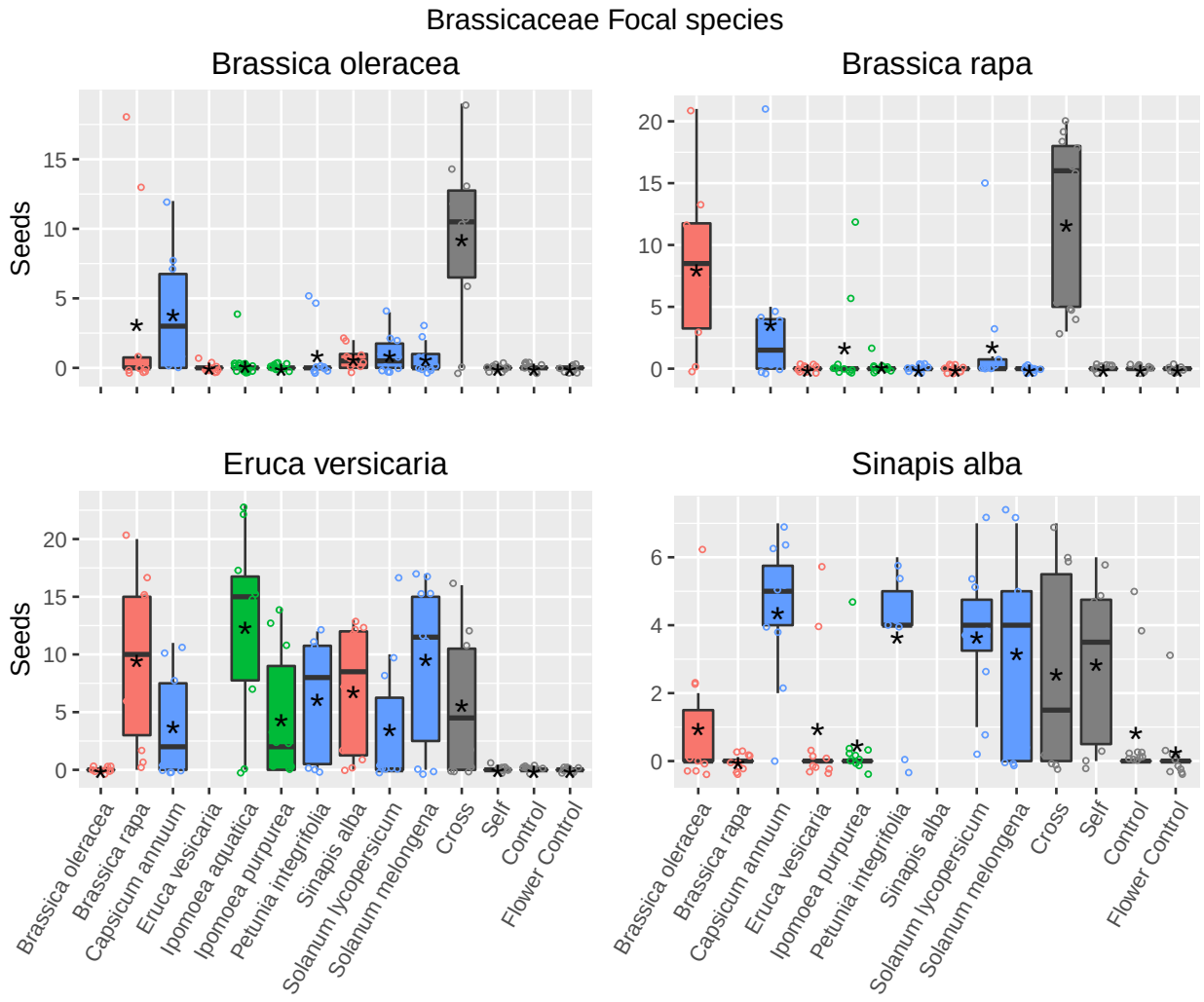
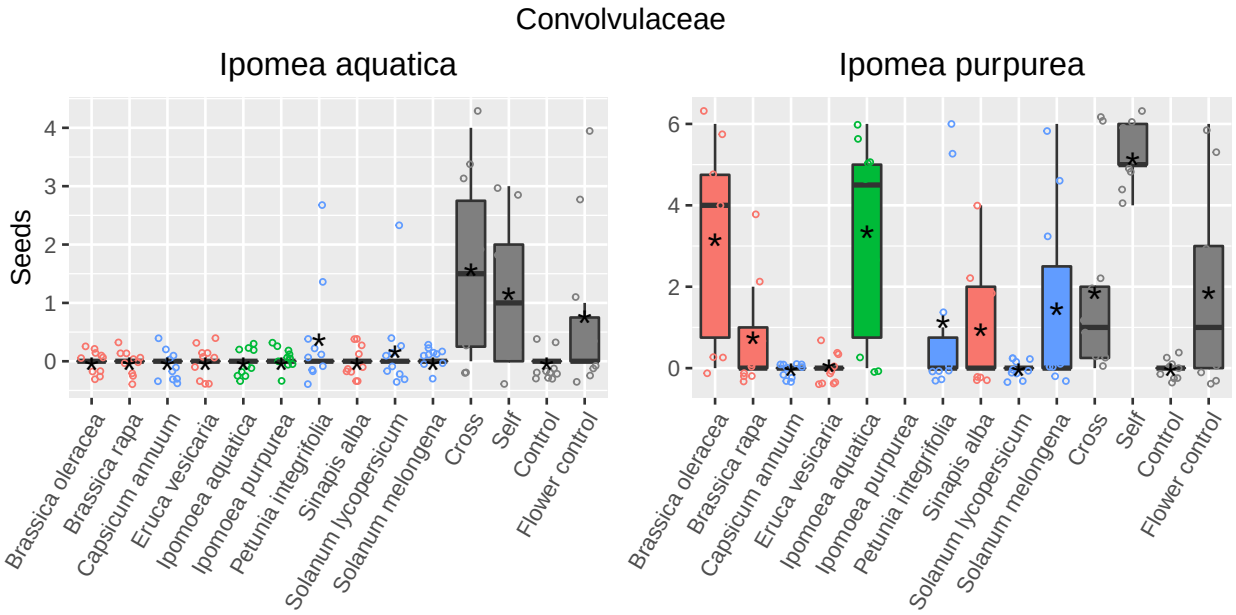
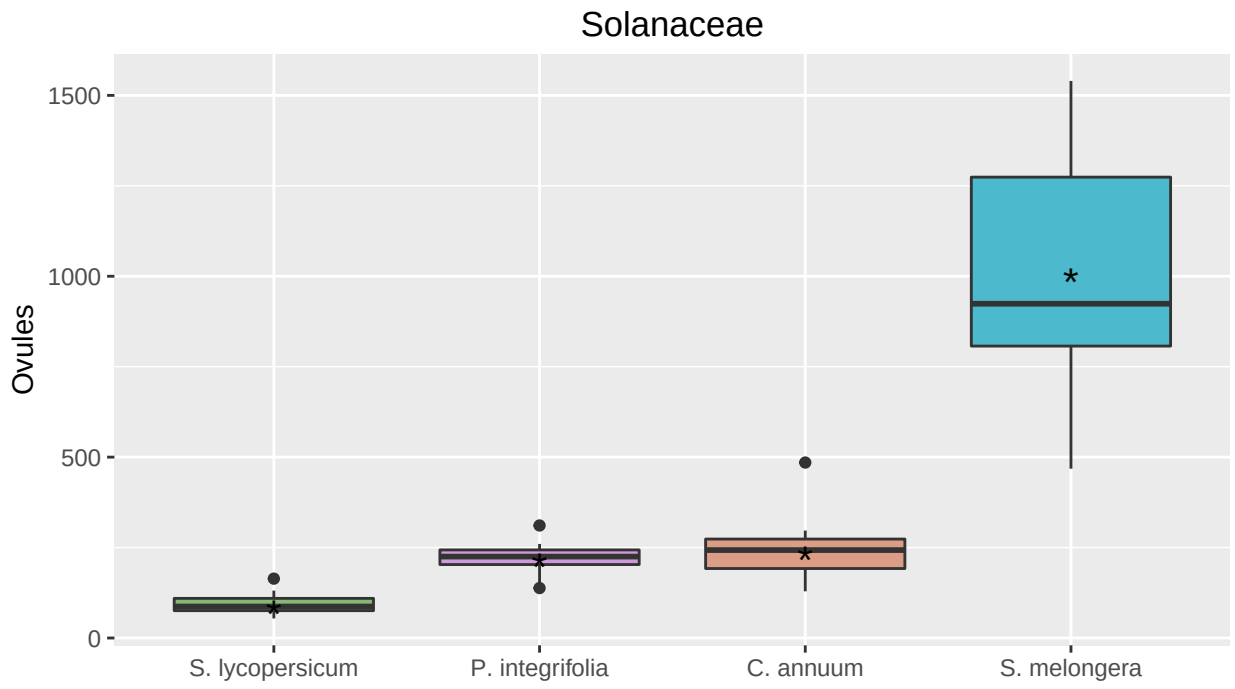
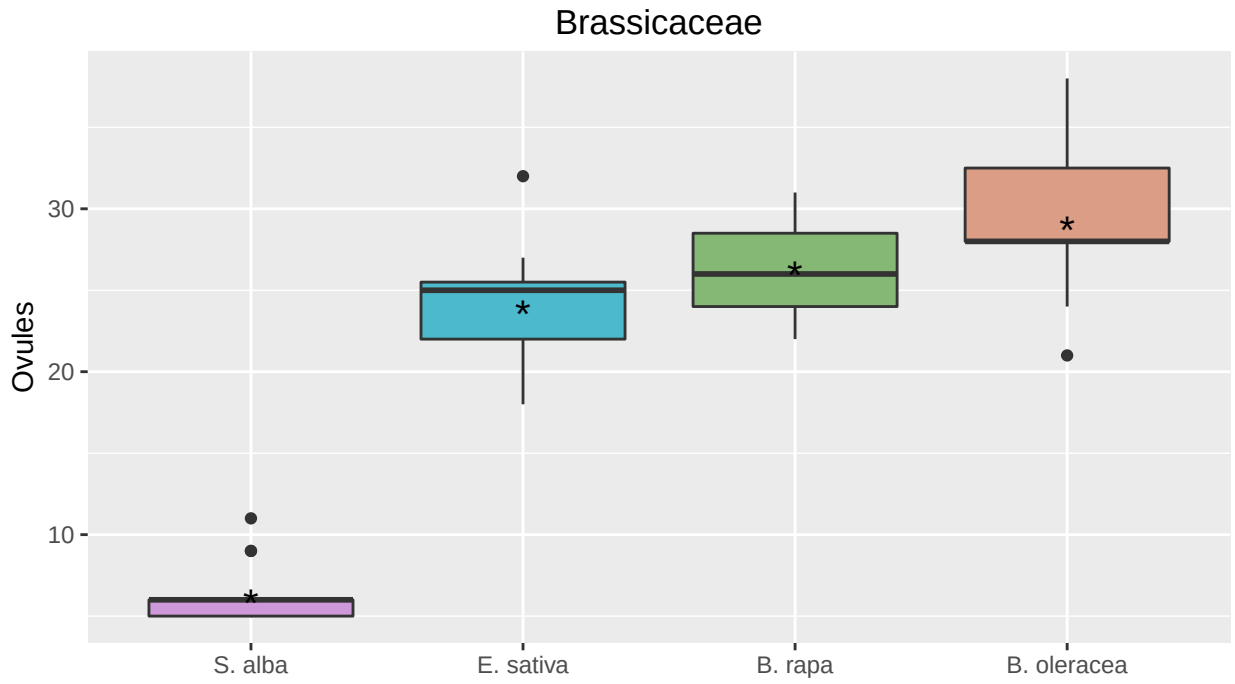
Data_visualization

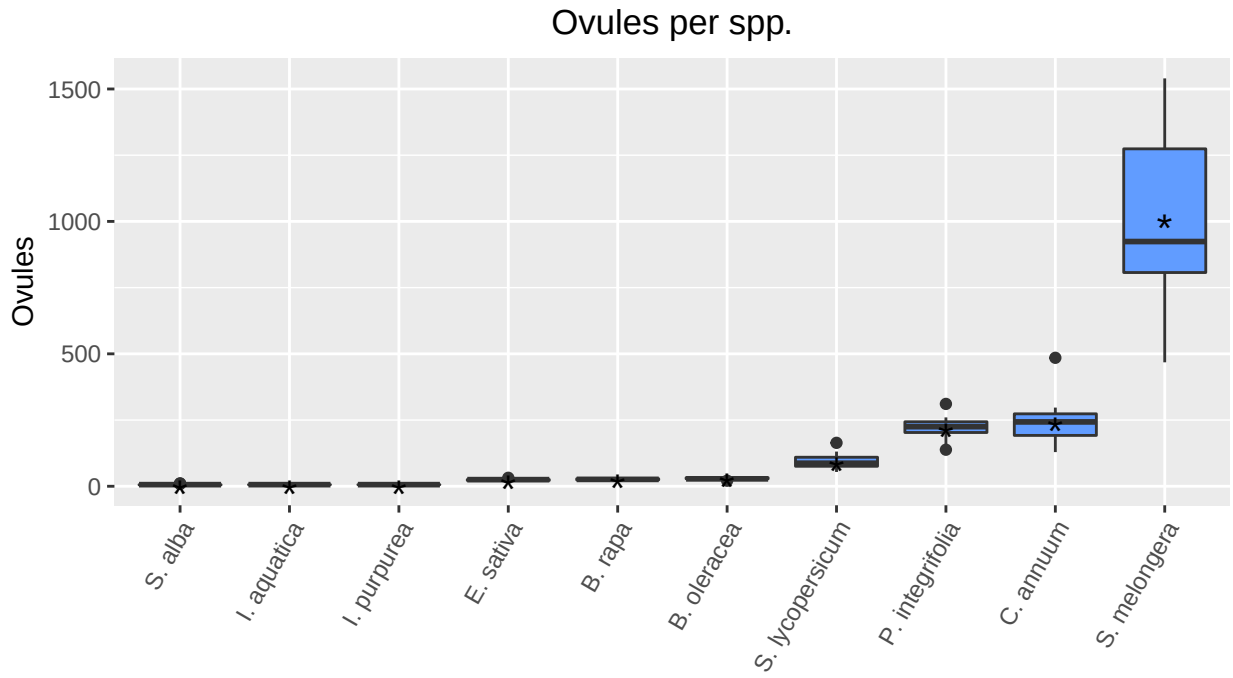



Brassicaceae Focal species
Brassica oleracea
Brassica rapa
Eruca versicaria
Sinapis alba
Seeds
Brassica oleracea
Brassica rapa
Capsicum annuum
Eruca vesicaria
Ipomoea aquatica
Ipomoea purpurea
Petunia integrifolia
Sinapis alba
Solanum lycopersicum
Solanum melongena
Cross
Self
Control
Flower Control

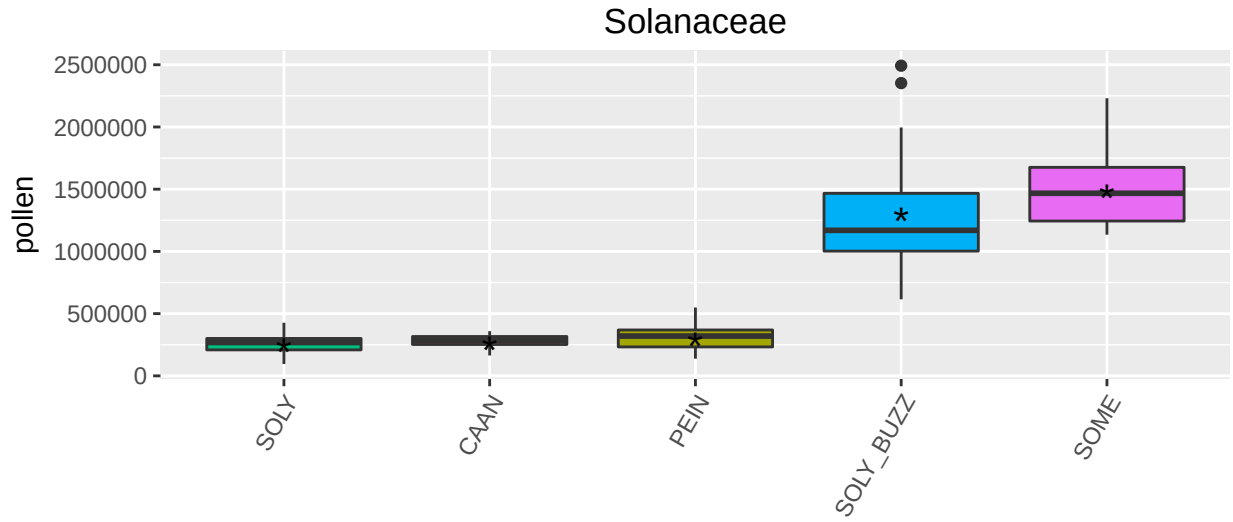

Convolvulaceae
Ipomea aquatica
Ipomea purpurea
Seeds
0
1
2
3
4
6
Brassica oleracea
Brassica rapa
Capsicum annuum
Eruca vesicaria
Ipomoea aquatica
Ipomoea purpurea
Petunia integrifolia
Sinapis alba
Solanum lycopersicum
Solanum melongena
Cross
Self
Control
Flower control

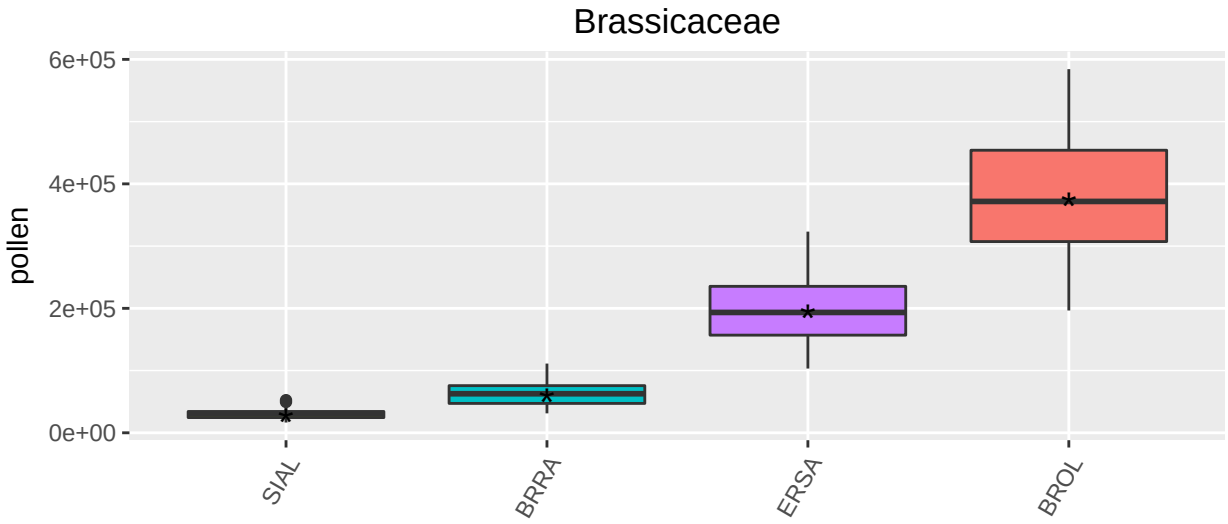

Solanaceae
Ovules
1500
1000
500
0
S. lycopersicum
P. integrifolia
C. annuum
S. melongera

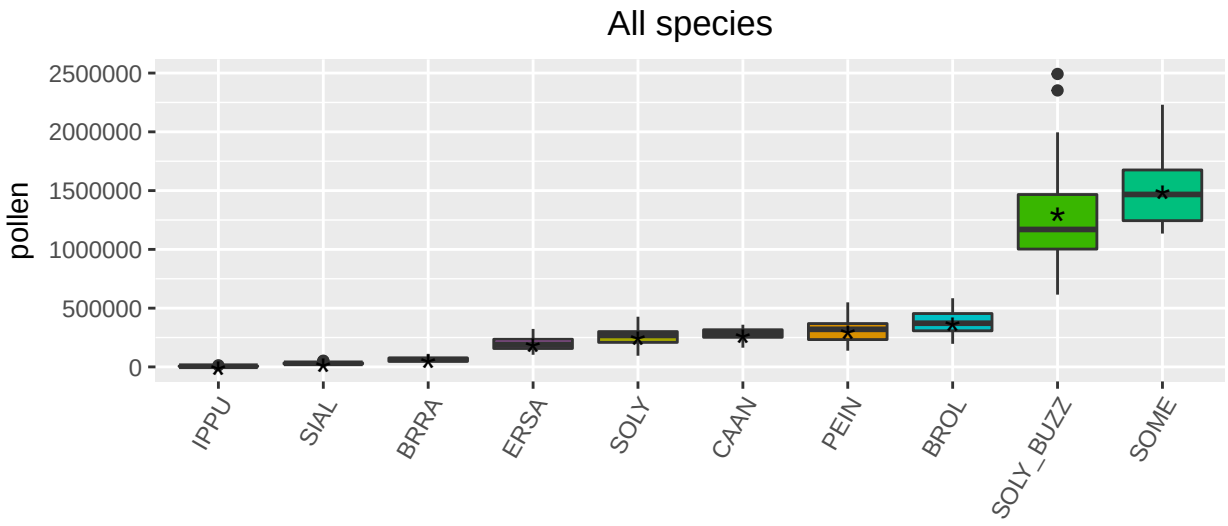

Brassicaceae
Ovules
30
20
10
S. alba
E. sativa
B. rapa
B. oleracea

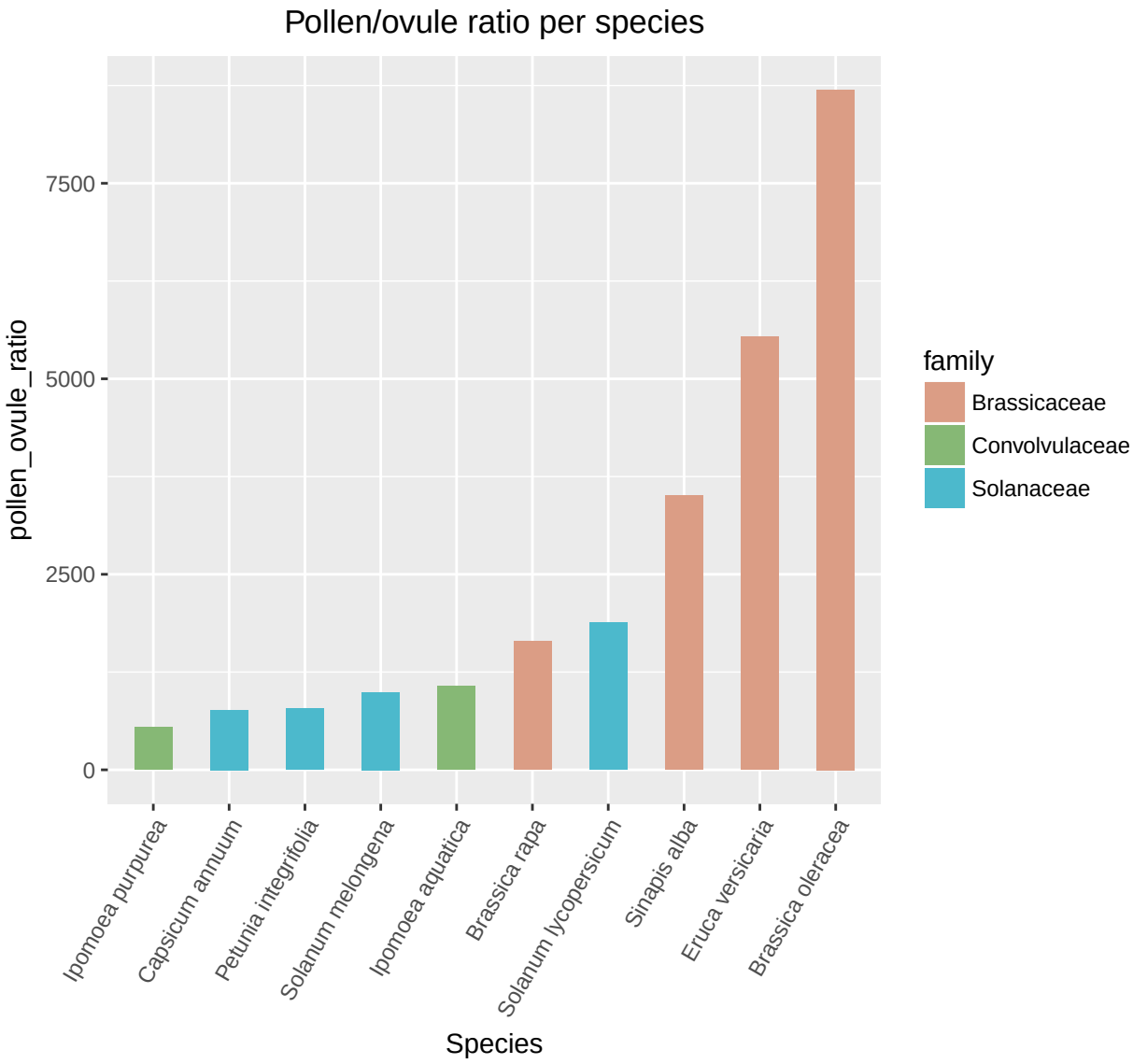


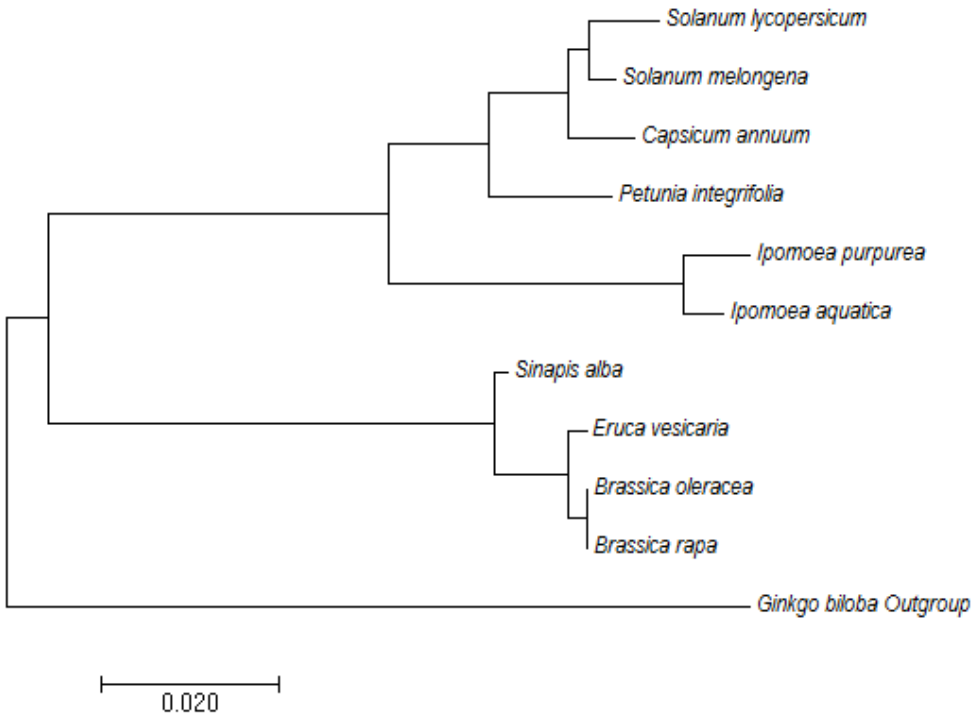
Pollen per anther, just one Convolvulaceae at the moment



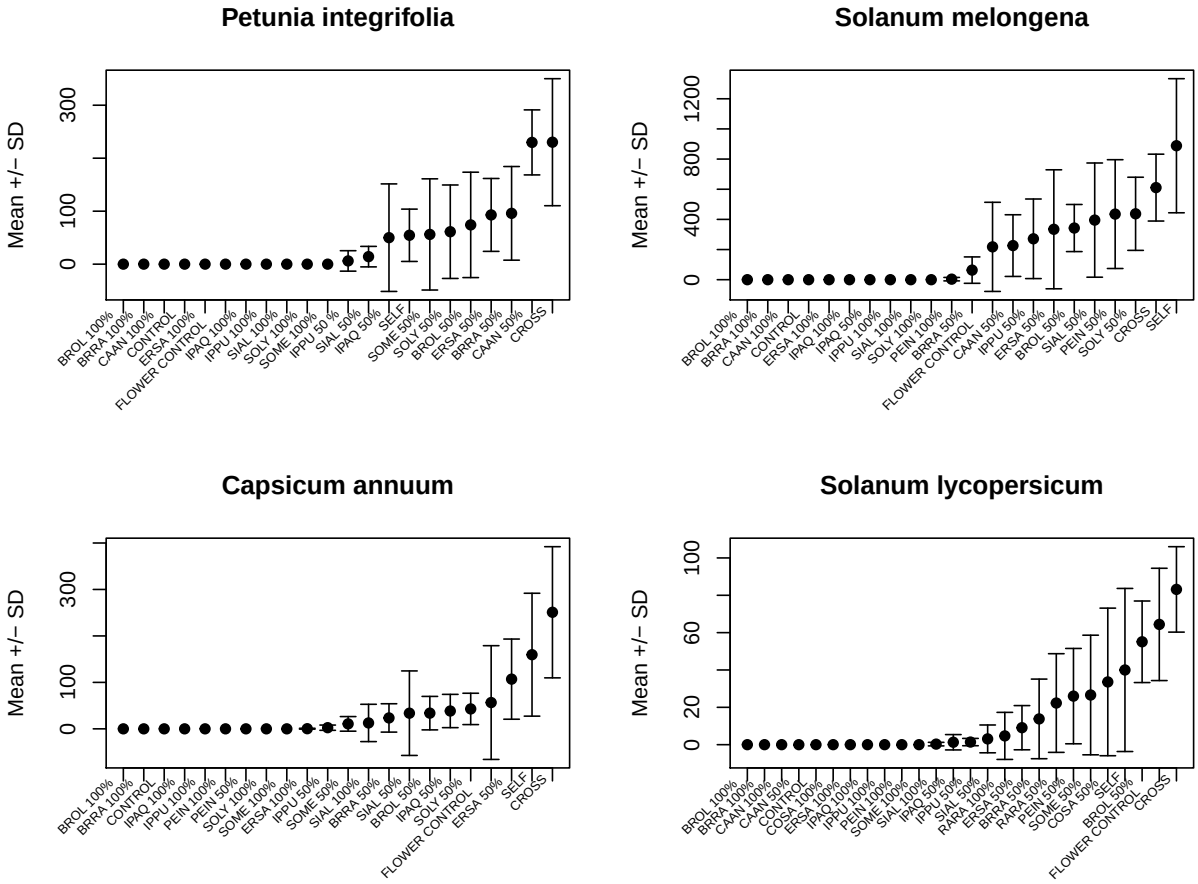

Brassicaceae
pollen
6e+05
4e+05
2e+05
0e+00
SIAL
BRRA
ERSA
BROL

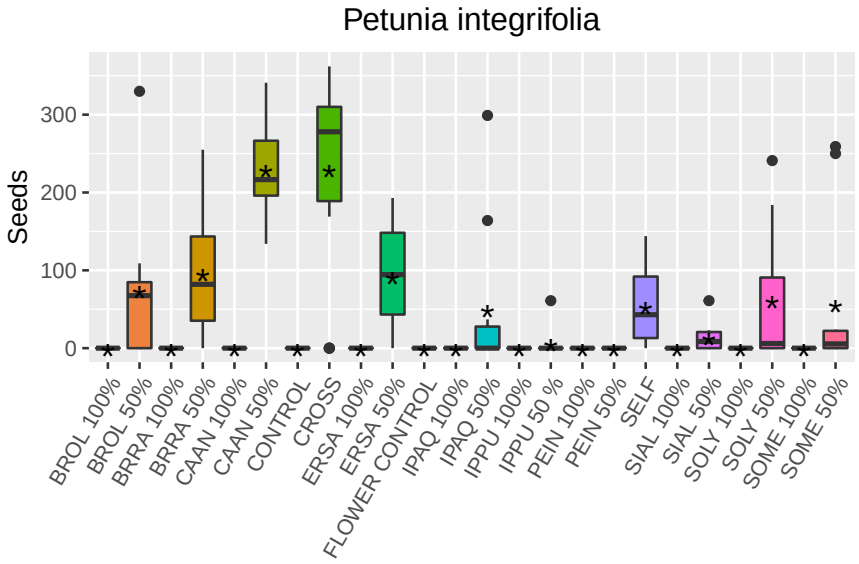

All species
pollen
2500000
2000000
1500000
1000000
500000
0
IPPU
SIAL
BRRA
ERSA
SOLY
CAAN
PEIN
BROL
SOLY_BUZZ
SOME

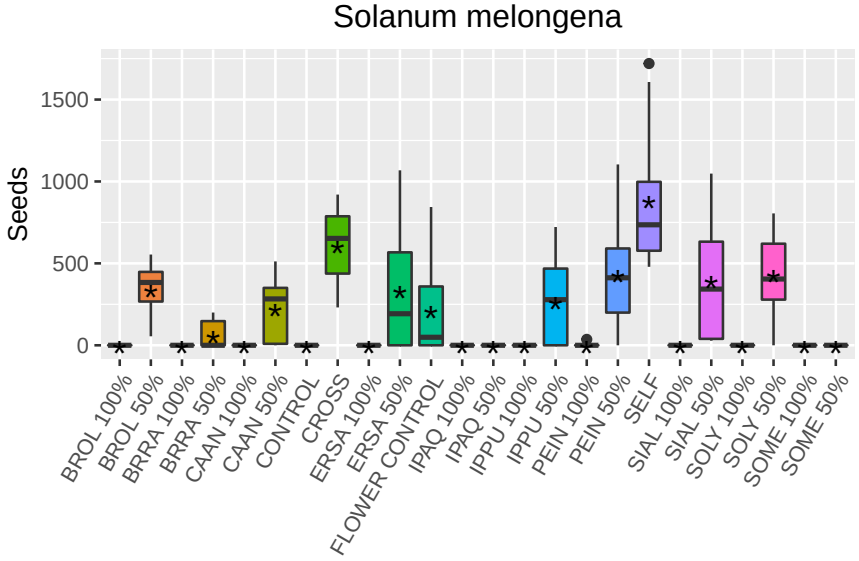

Pollen/ovule ratio per species
pollen_ovule_ratio
7500
5000
2500
0
Ipomoea purpurea
Capsicum annuum
Petunia integrifolia
Solanum melongena
Ipomoea aquatica
Brassica rapa
Solanum lycopersicum
Sinapis alba
Eruca versicaria
Brassica oleracea
Species
family
Brassicaceae
Convolvulaceae
Solanaceae

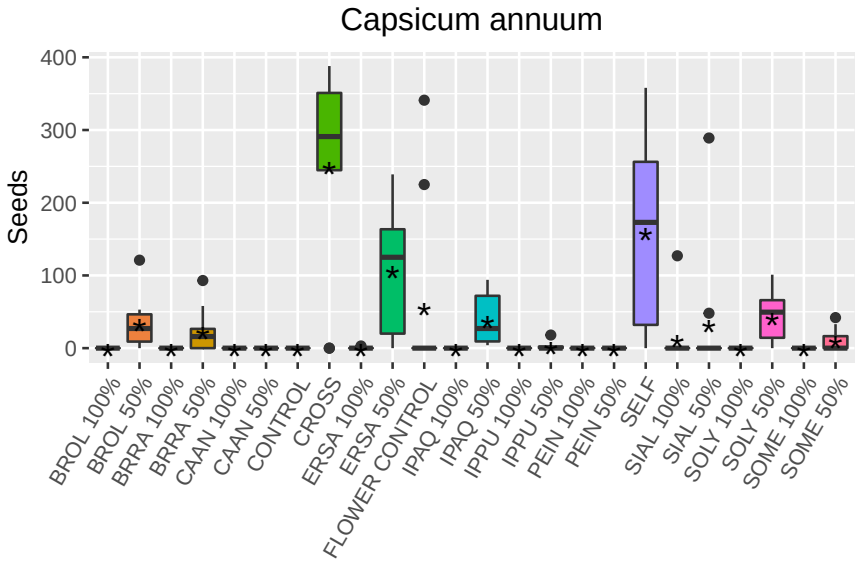

Solanum lycopersicum
Solanum melongena
Capsicum annuum
Petunia integrifolia
Ipomoea purpurea
Ipomoea aquatica
Sinapis alba
Eruca vesicaria
Brassica oleracea
Brassica rapa
Ginkgo biloba Outgroup
0.020

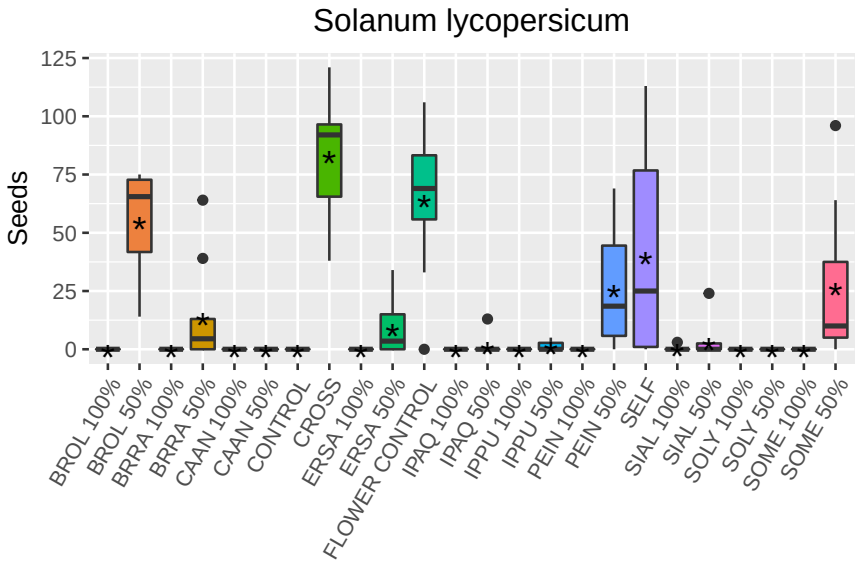
```
## 'data.frame':    22 obs. of  3 variables:
##  $ Treatment: chr  "BROL 100%" "BROL 50%" "BRRA 100%" "BRRA 50%" ...
##  $ avg      : num  0 74.1 0 95.9 0 ...
##  $ sdev     : num  0 99.4 0 88.4 0 ...
```




Petunia integrifolia
Seeds
300
200
100
0
BROL 100%
BROL 50%
BRRA 100%
BRRA 50%
CAAN 100%
CAAN 50%
CONTROL
CROSS
ERSA 100%
ERSA 50%
FLOWER CONTROL
IPAQ 100%
IPAQ 50%
IPPU 100%
IPPU 50 %
PEIN 100%
PEIN 50%
SELF
SIAL 100%
SIAL 50%
SOLY 100%
SOLY 50%
SOME 100%
SOME 50%


Solanum melongena
Seeds
1500
1000
500
0
BROL 100%
BROL 50%
BRRA 100%
BRRA 50%
CAAN 100%
CAAN 50%
CONTROL
CROSS
ERSA 100%
ERSA 50%
FLOWER CONTROL
IPAQ 100%
IPAQ 50%
IPPU 100%
IPPU 50%
PEIN 100%
PEIN 50%
SELF
SIAL 100%
SIAL 50%
SOLY 100%
SOLY 50%
SOME 100%
SOME 50%


Capsicum annuum
Seeds
400
300
200
100
0
BROL 100%
BROL 50%
BRRA 100%
BRRA 50%
CAAN 100%
CAAN 50%
CONTROL
CROSS
ERSA 100%
ERSA 50%
FLOWER CONTROL
IPAQ 100%
IPAQ 50%
IPPU 100%
IPPU 50%
PEIN 100%
PEIN 50%
SELF
SIAL 100%
SIAL 50%
SOLY 100%
SOLY 50%
SOME 100%
SOME 50%


Solanum lycopersicum
Seeds
125
100
75
50
25
0
BROL 100%
BROL 50%
BRRA 100%
BRRA 50%
CAAN 100%
CAAN 50%
CONTROL
CROSS
ERSA 100%
ERSA 50%
FLOWER CONTROL
IPAQ 100%
IPAQ 50%
IPPU 100%
IPPU 50%
PEIN 100%
PEIN 50%
SELF
SIAL 100%
SIAL 50%
SOLY 100%
SOLY 50%
SOME 100%
SOME 50%