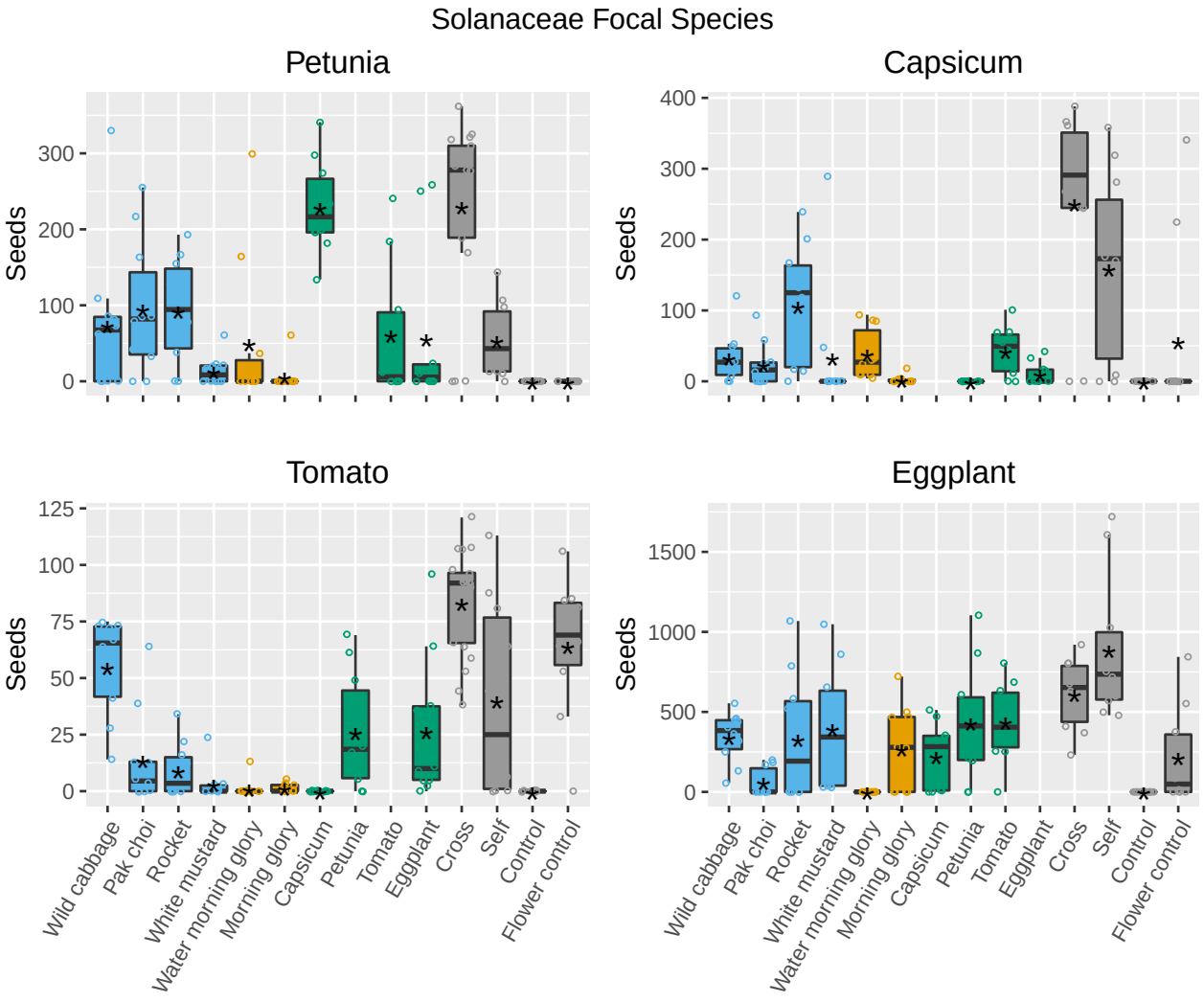
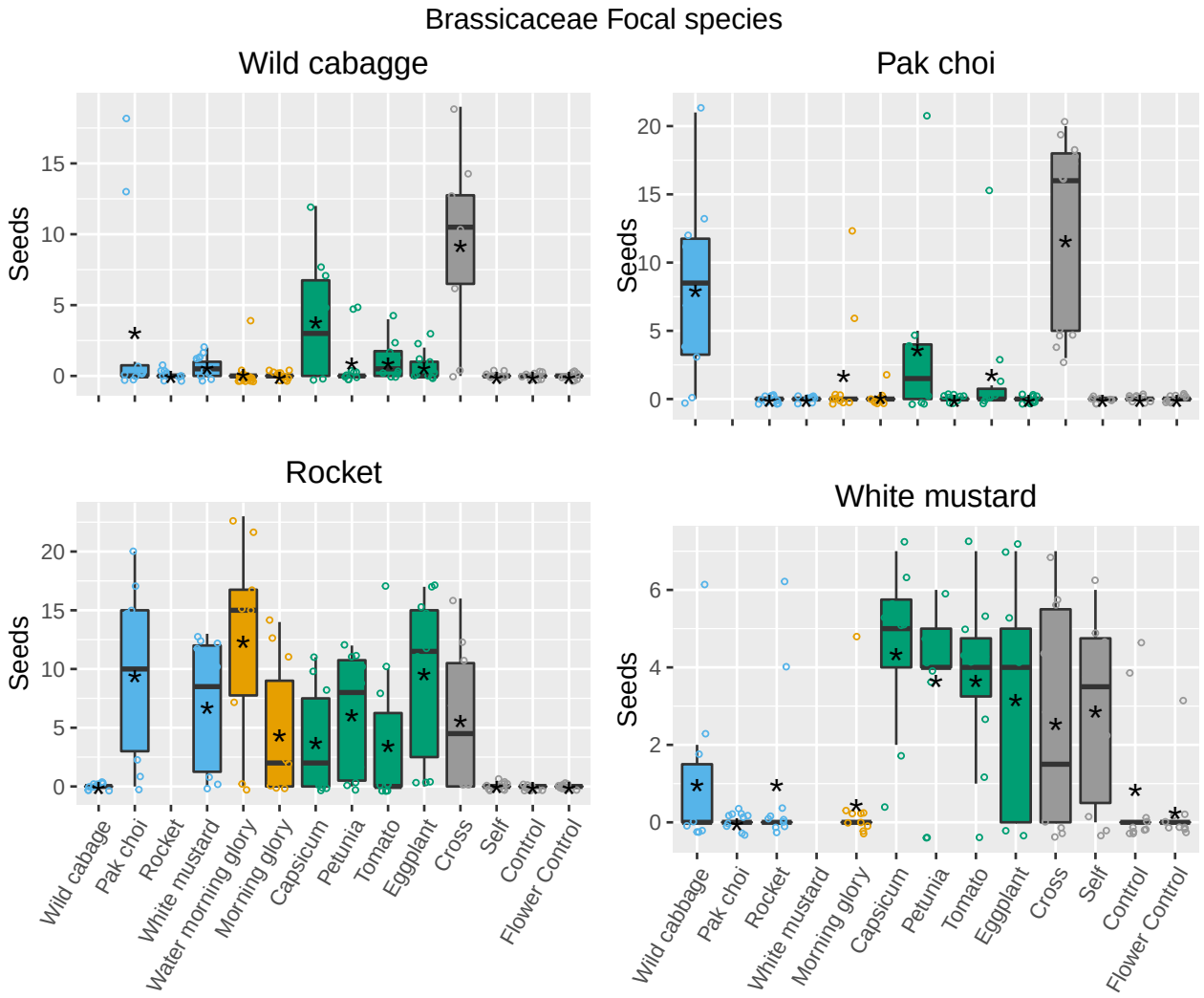
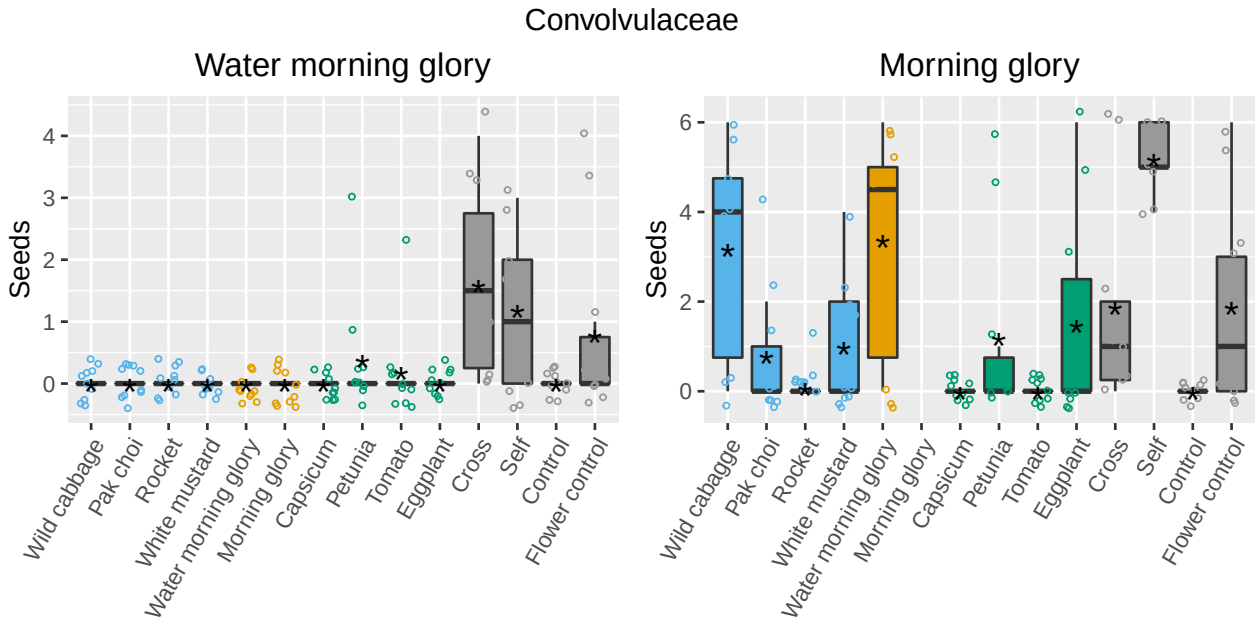
Data_visualization

SEED SET PER SPECIES WITH DIFFERENT TREATMENTS

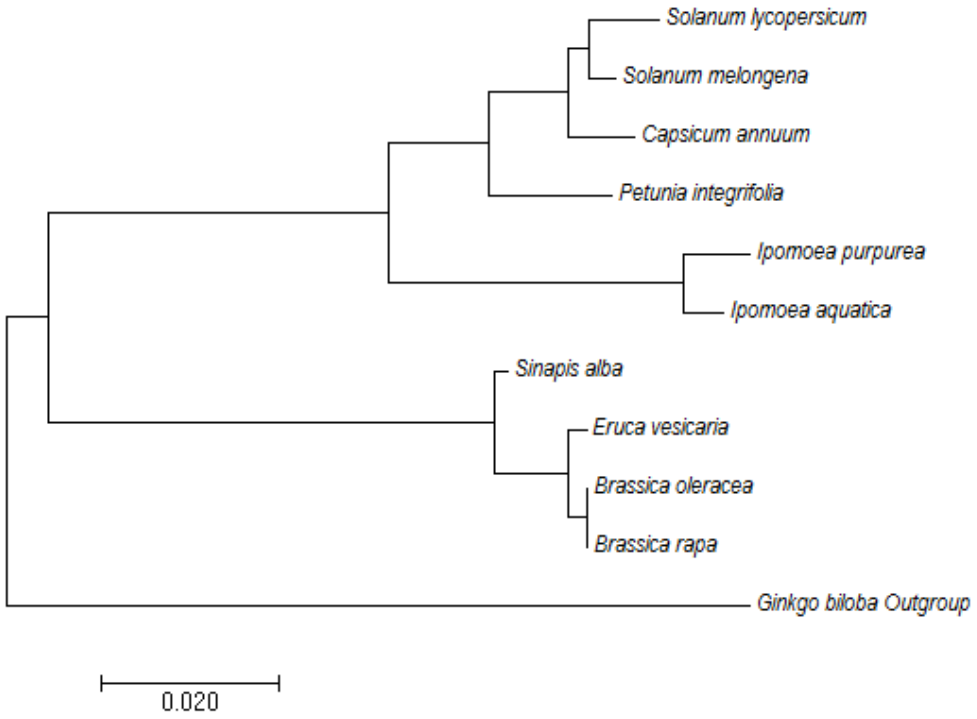
Light blue:Brassicaceae, orange: Convolvulaceae, green:Solanaceae, grey: xenogamy, autogamy and controls




Brassicaceae Focal species
Wild cabagge
Pak choi
Rocket
White mustard
Seeds
0
5
10
15
20
2
4
6
Wild cabbage
Pak choi
Rocket
White mustard
Water morning glory
Morning glory
Capsicum
Petunia
Tomato
Eggplant
Cross
Self
Control
Flower Control

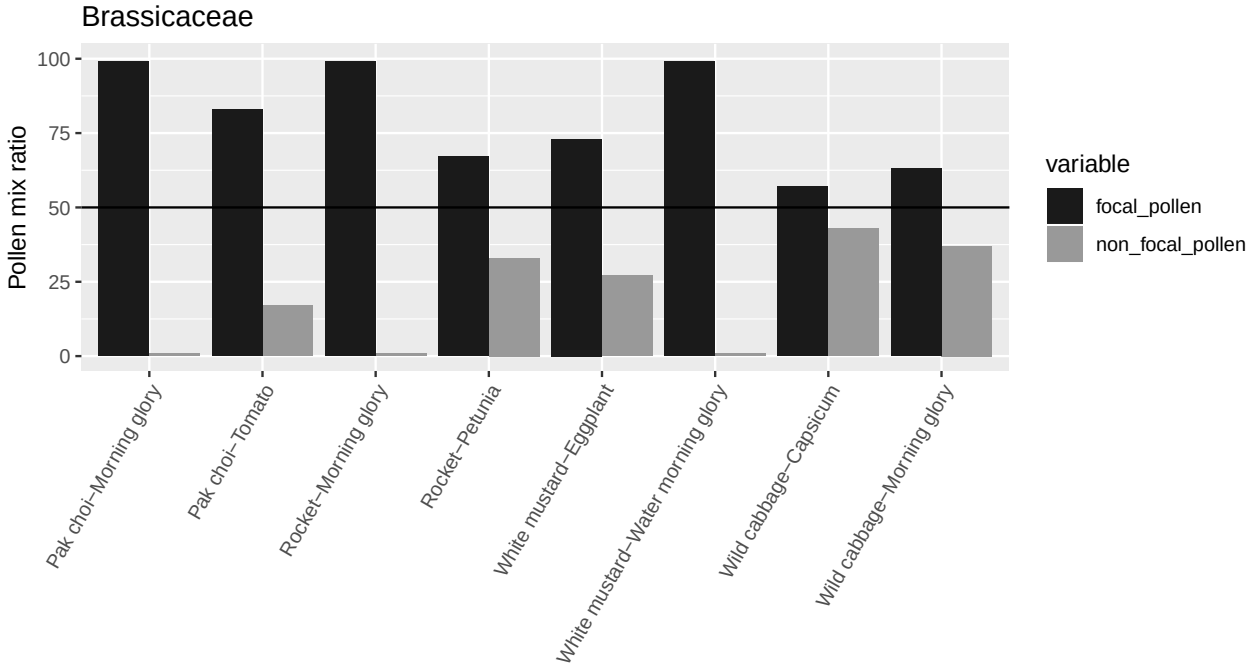

Convolvulaceae
Water morning glory
Morning glory
Seeds
Wild cabbage
Pak choi
Rocket
White mustard
Water morning glory
Morning glory
Capsicum
Petunia
Tomato
Eggplant
Cross
Self
Control
Flower control

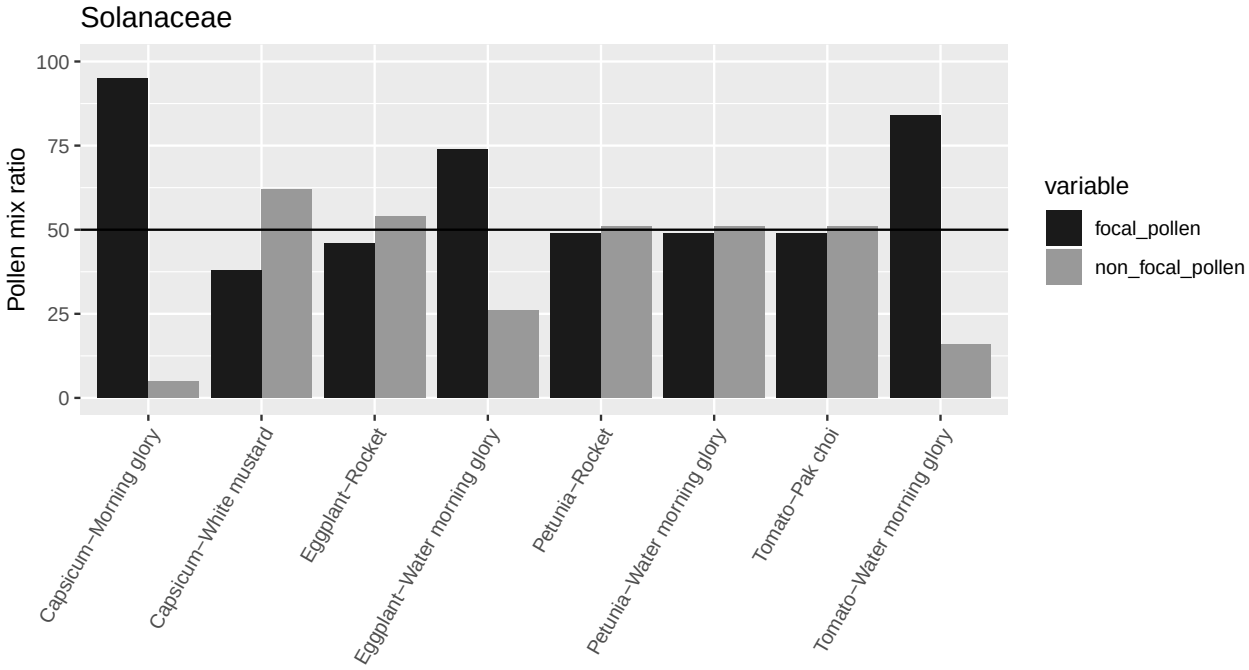
CHOLOROPLAST RBCL PHYLOGENY

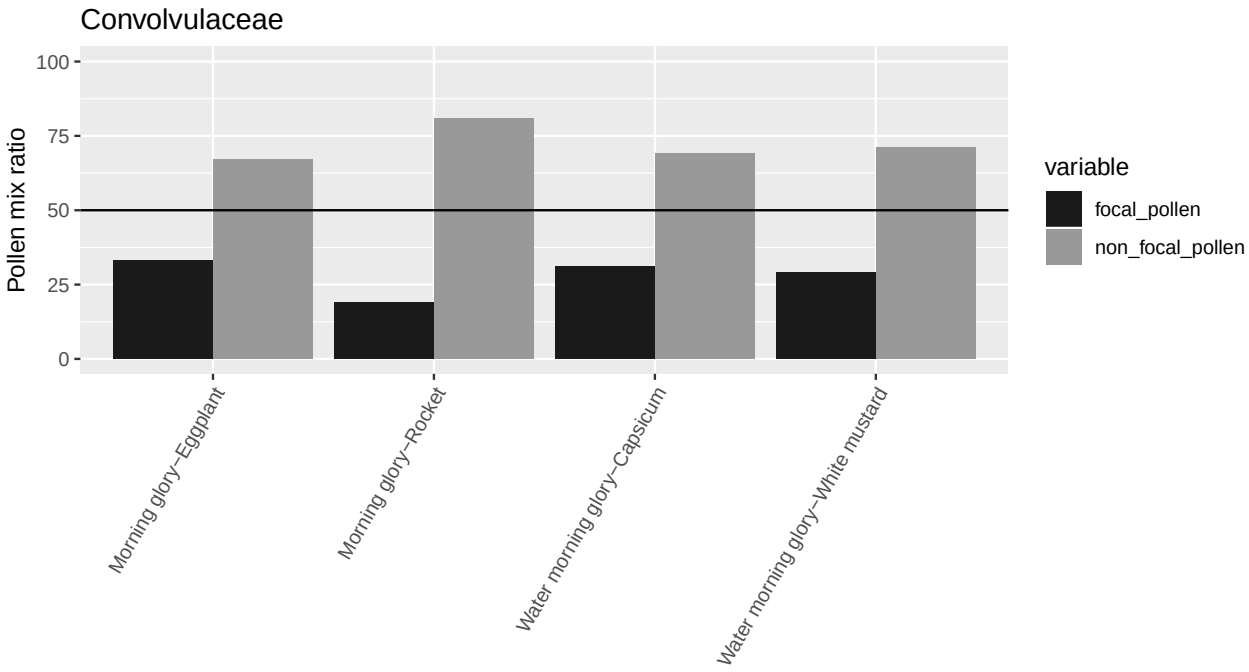


POLLEN MIX RATIOS PER FAMILY -3 NEXT PAGES- (N=3)

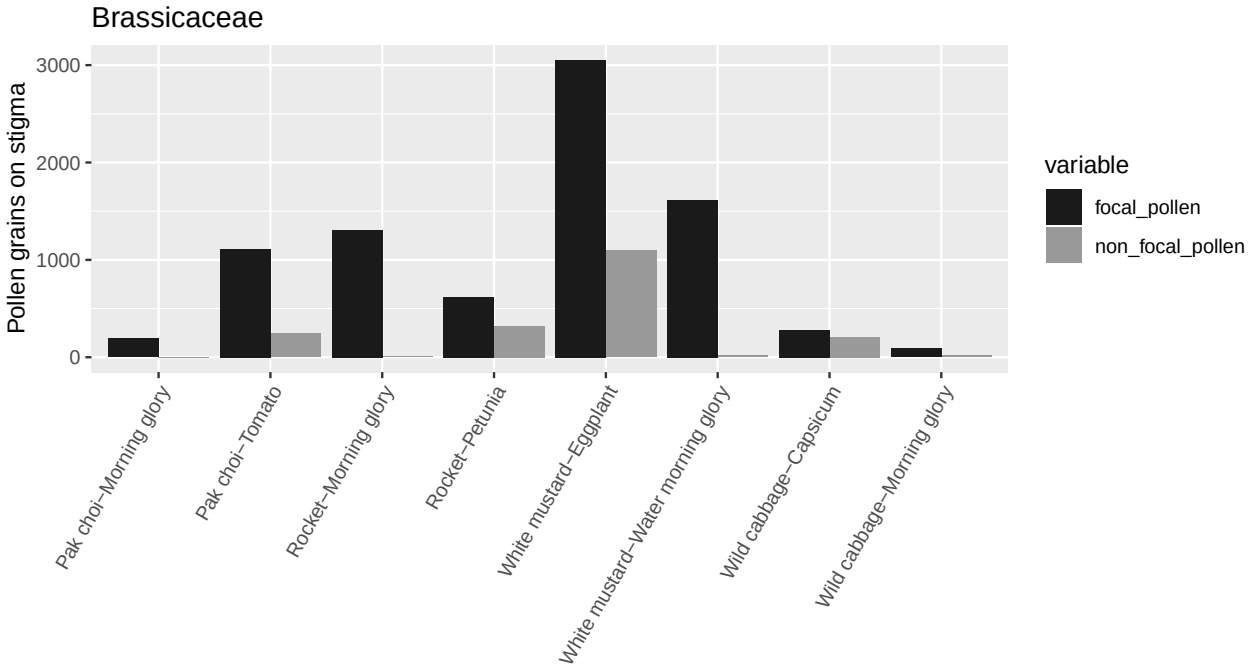
Each histogram shows the pollen ratio in percentage of the focal and non-focal species. The barplots are organized per family.

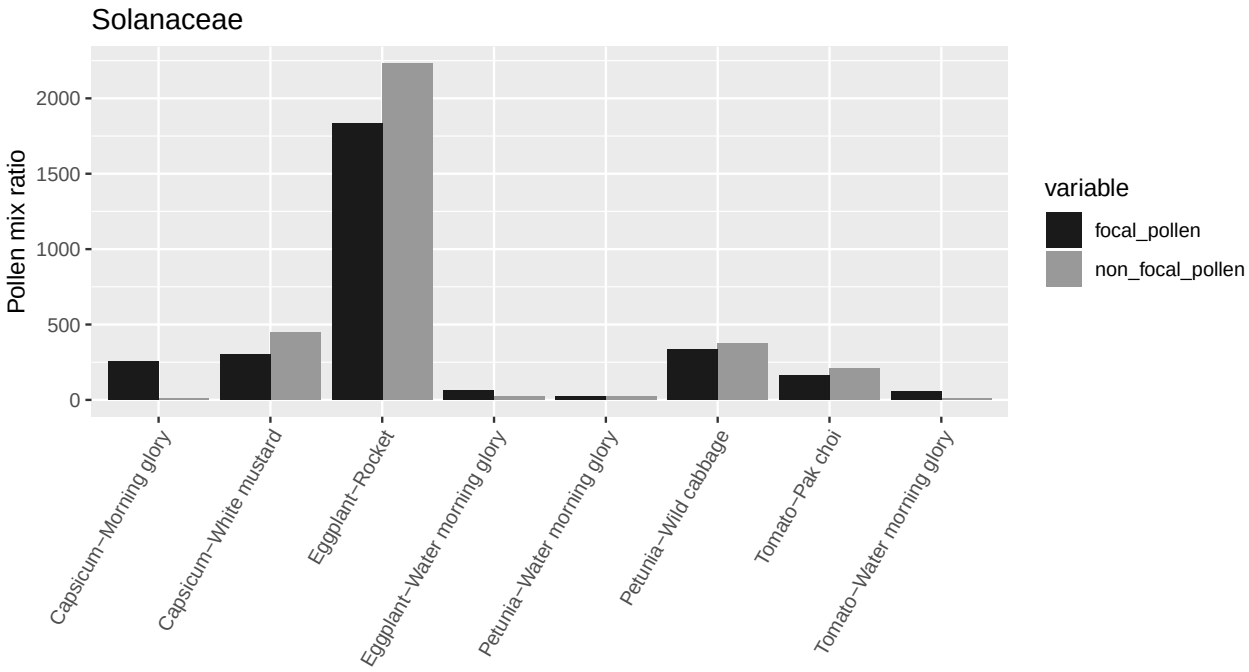


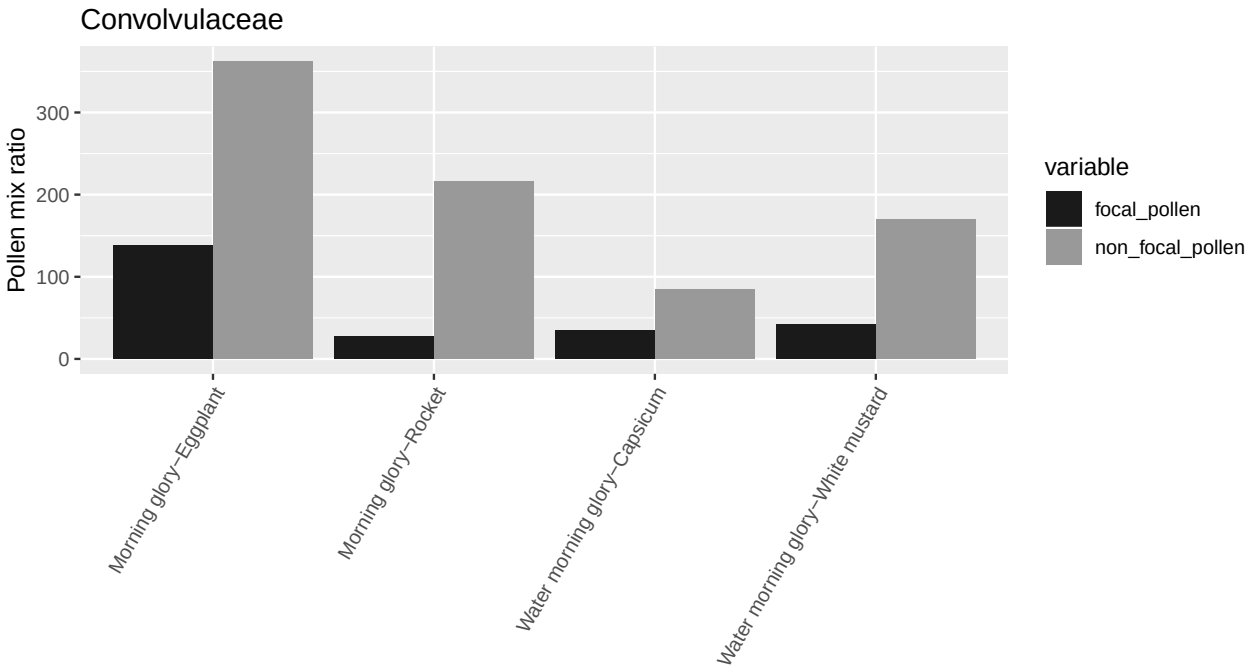

Solanaceae
Pollen mix ratio
100
75
50
25
0
Capsicum−Morning glory
Capsicum−White mustard
Eggplant−Rocket
Eggplant−Water morning glory
Petunia−Rocket
Petunia−Water morning glory
Tomato−Pak choi
Tomato−Water morning glory
variable
focal_pollen
non_focal_pollen


Convolvulaceae
Pollen mix ratio
100
75
50
25
0
Morning glory−Eggplant
Morning glory−Rocket
Water morning glory−Capsicum
Water morning glory−White mustard
variable
focal_pollen
non_focal_pollen

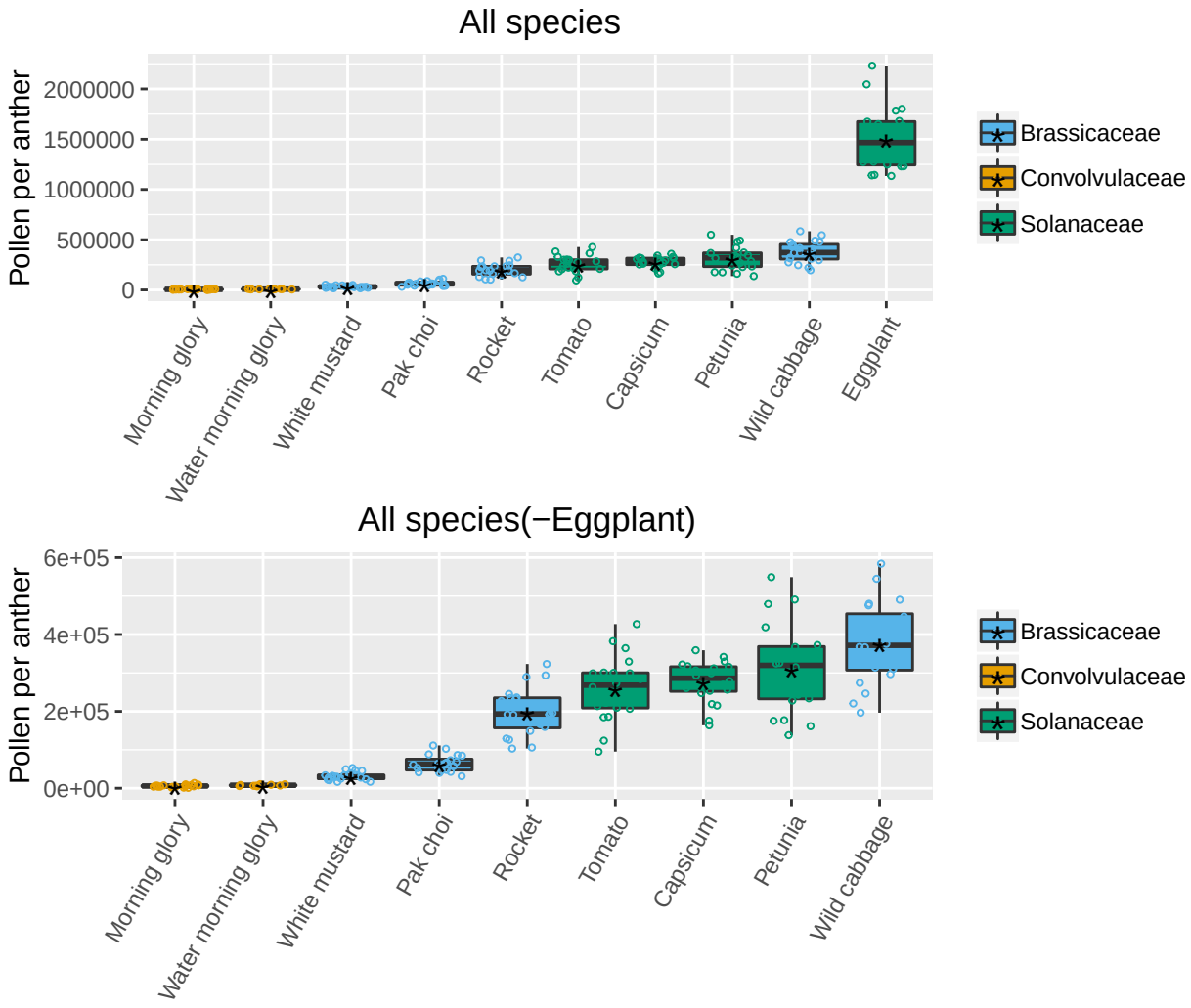
TOTAL POLLEN ON STIGMA -NEXT 3 PAGES-



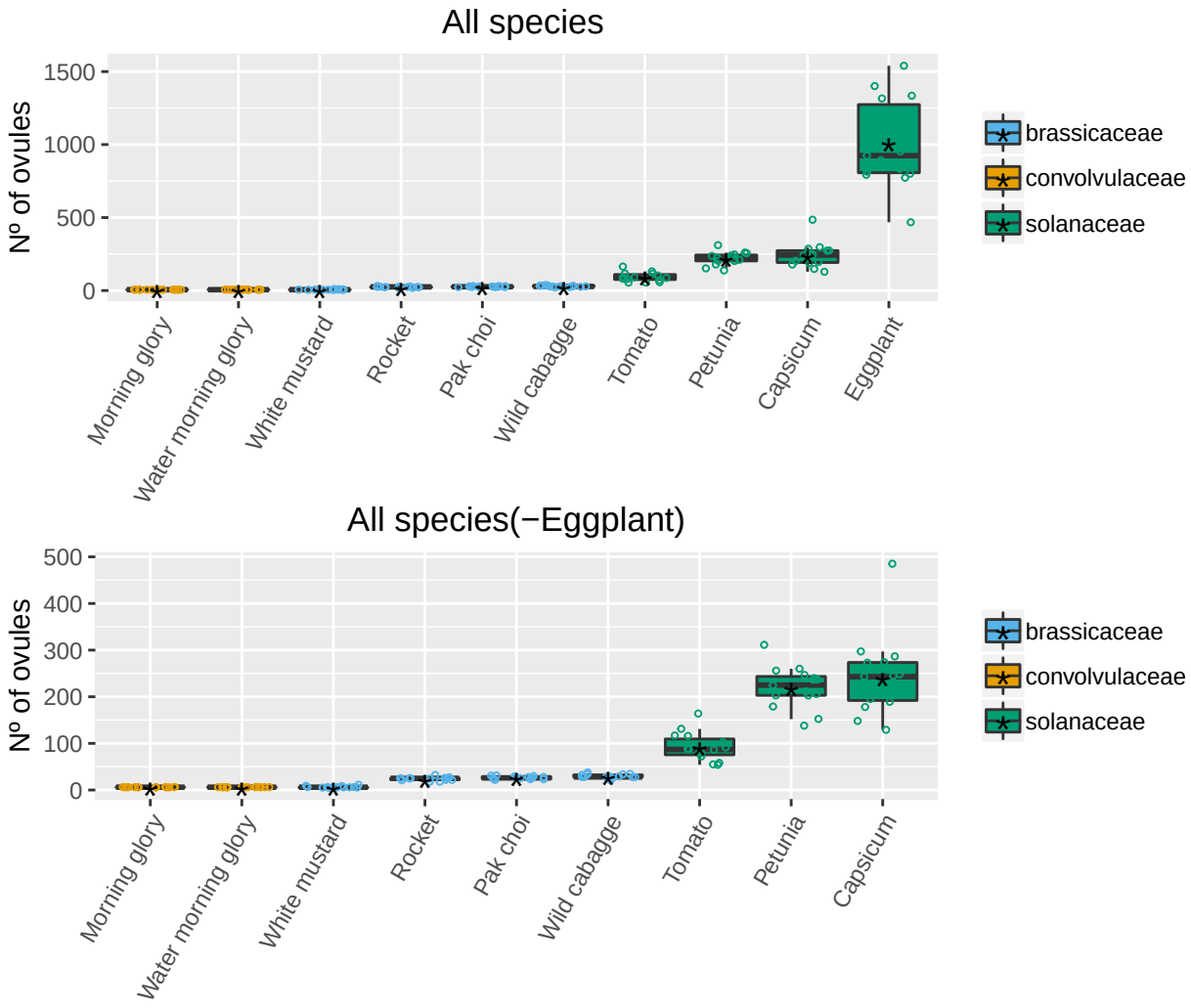

Solanaceae
Pollen mix ratio
2000
1500
1000
500
0
Capsicum−Morning glory
Capsicum−White mustard
Eggplant−Rocket
Eggplant−Water morning glory
Petunia−Water morning glory
Petunia−Wild cabbage
Tomato−Pak choi
Tomato−Water morning glory
variable
focal_pollen
non_focal_pollen


Convolvulaceae
Pollen mix ratio
300
200
100
0
Morning glory−Eggplant
Morning glory−Rocket
Water morning glory−Capsicum
Water morning glory−White mustard
variable
focal_pollen
non_focal_pollen

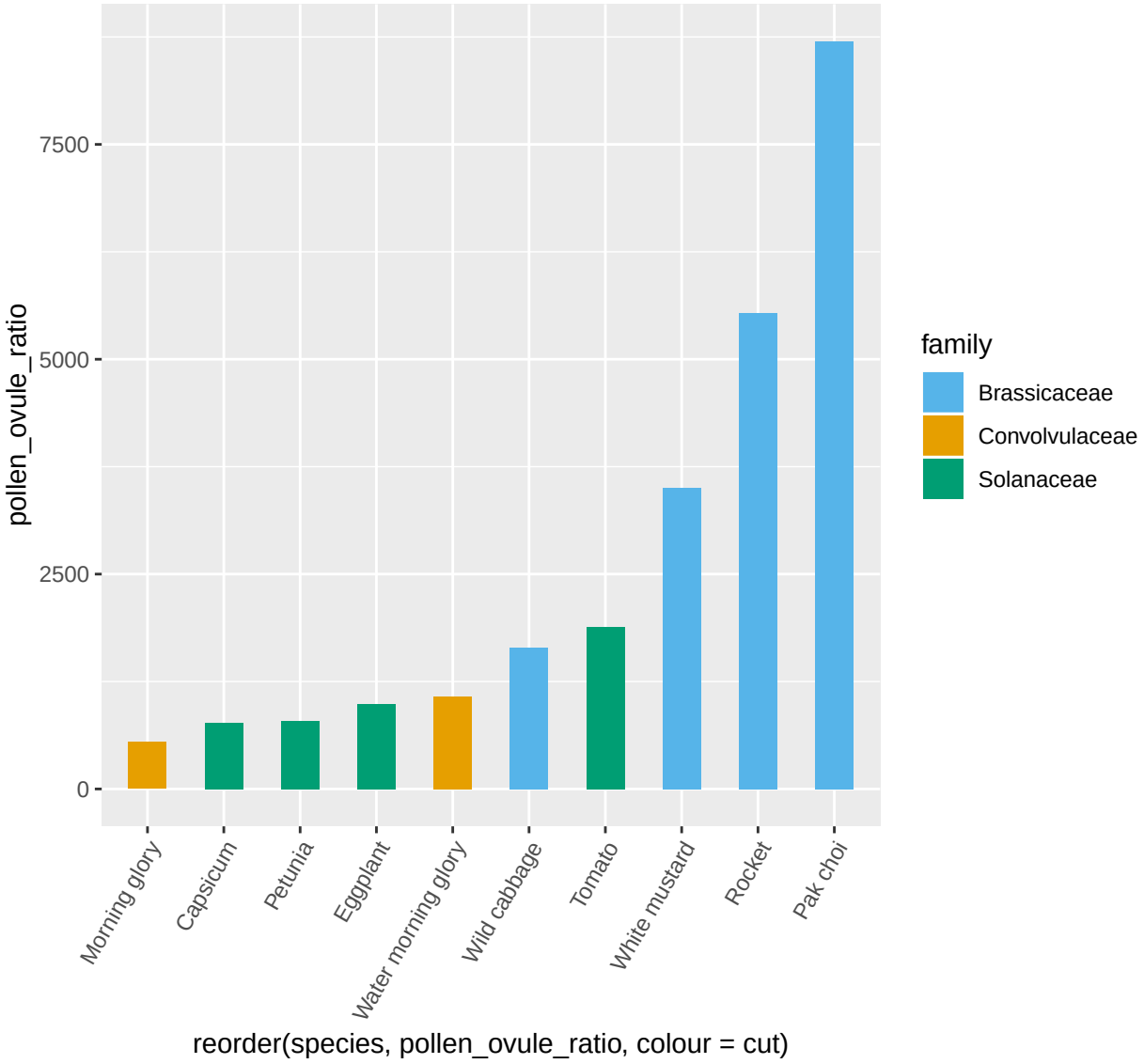
POLLEN PER ANTHER (N=20, I. aquatica N=10)



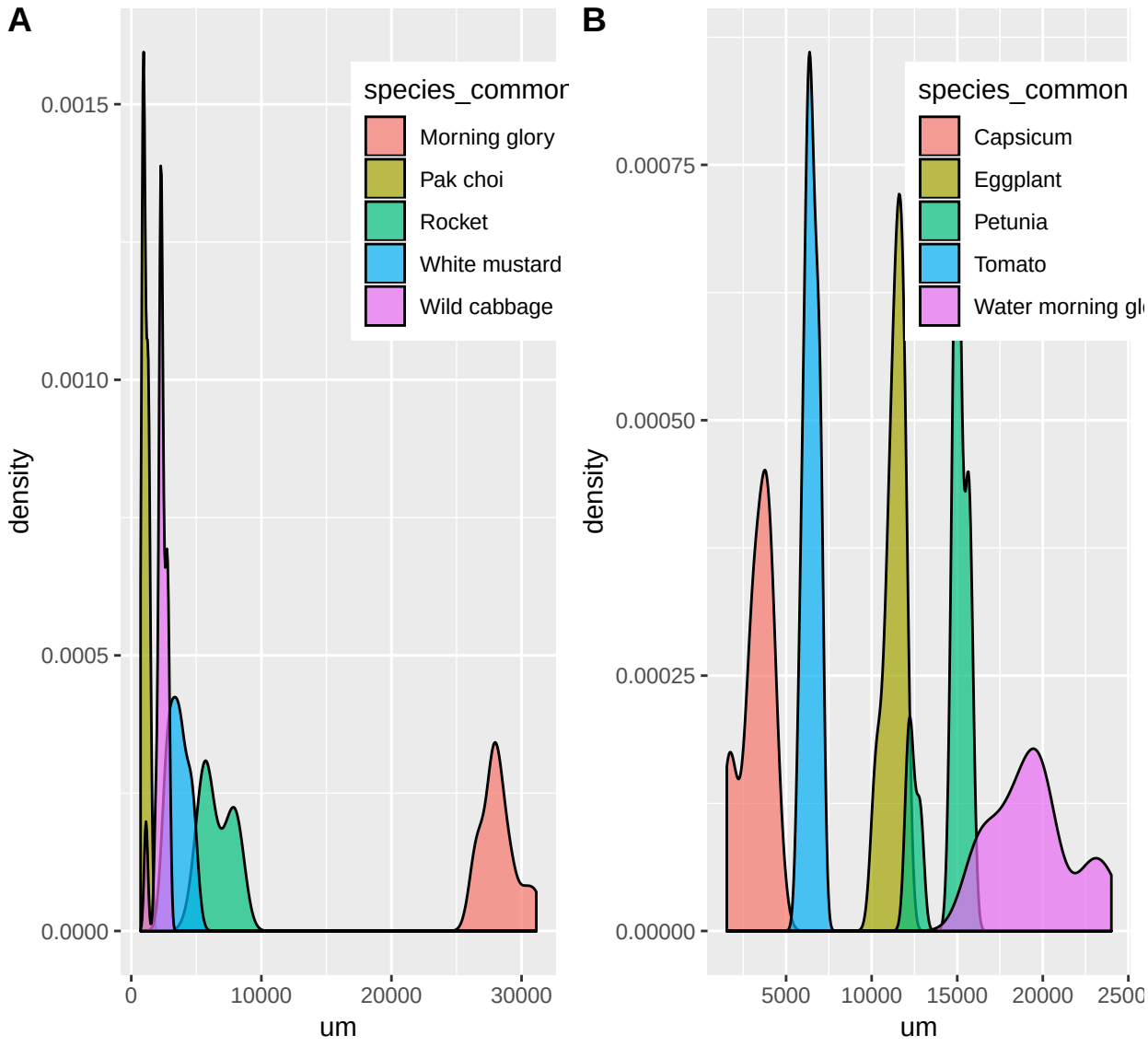
OVULES (N=15)


All species
Nº of ovules
1500
1000
500
0
Morning glory
Water morning glory
White mustard
Rocket
Pak choi
Wild cabagge
Tomato
Petunia
Capsicum
Eggplant
brassicaceae
convolvulaceae
solanaceae
All species(−Eggplant)
Nº of ovules
500
400
300
200
100
0
Morning glory
Water morning glory
White mustard
Rocket
Pak choi
Wild cabagge
Tomato
Petunia
Capsicum
brassicaceae
convolvulaceae
solanaceae

POLLEN OVULE RATIO. TOTAL POLLEN PER FLOWER DIVIDED BY NUMBER OF OVULES

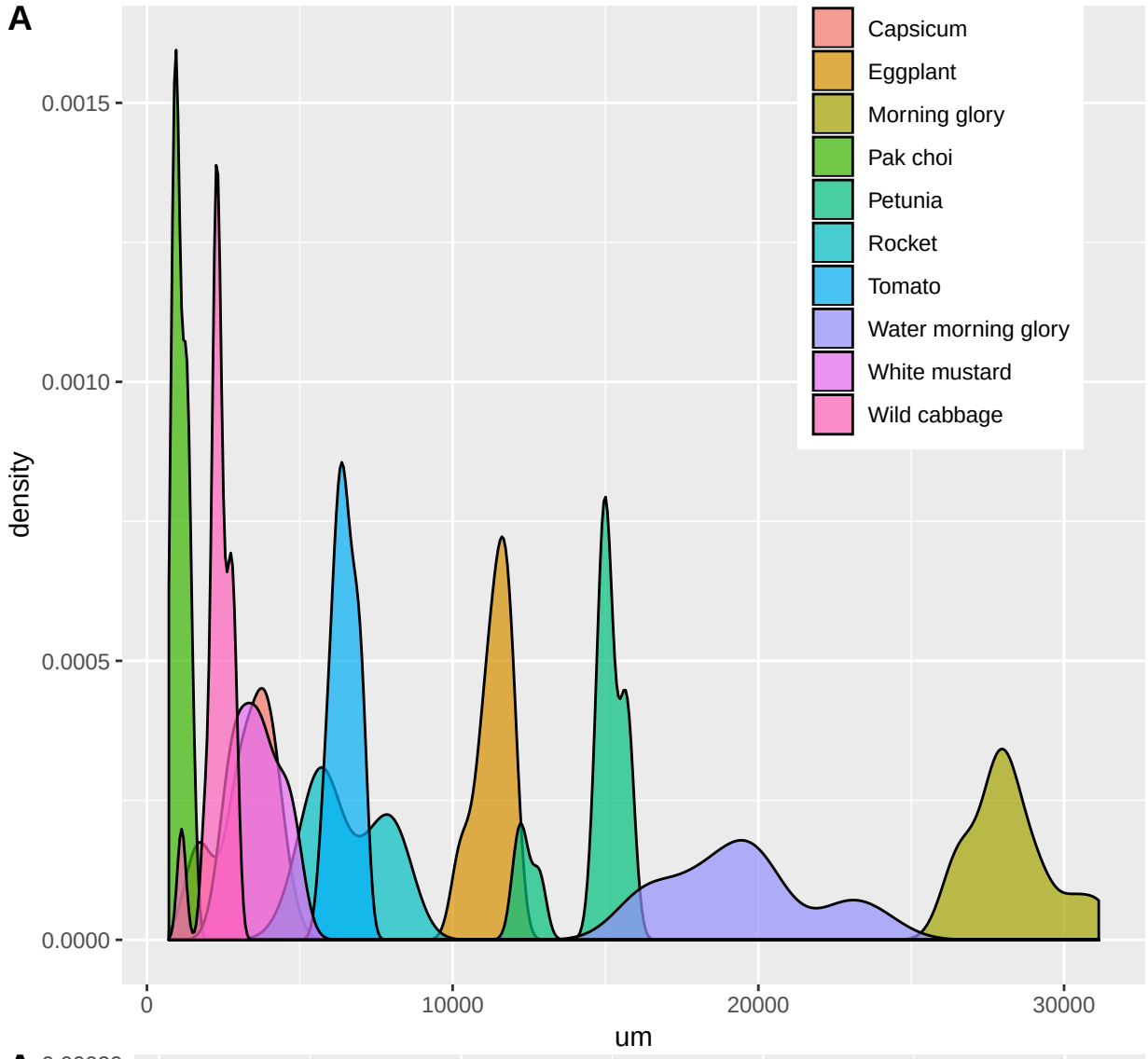


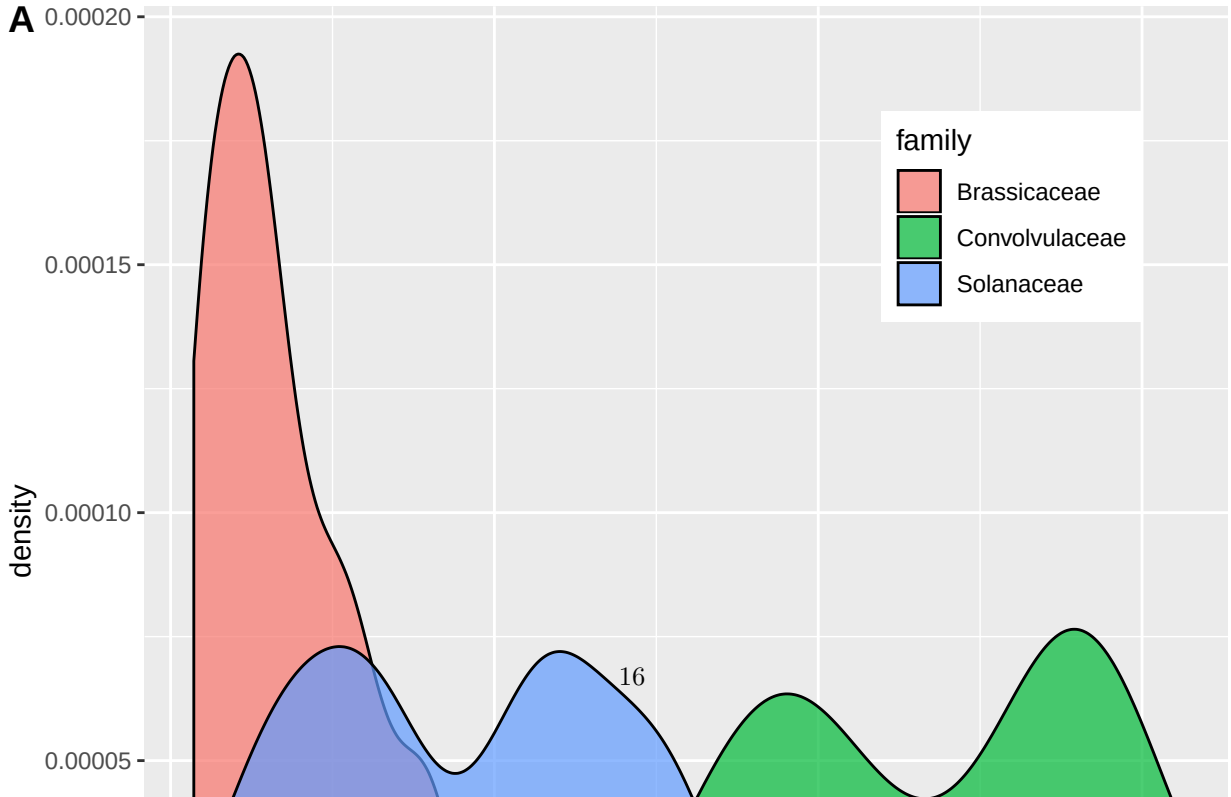
STIGMA AREA. BRASSICACEAE+1 AND SOLANACEAE+1



STIGMA AREA. ALL SPECIES, COLOUR PER SPECIES AND FAMILY

I like this type of density plot and I wanted to show the differences of stigma area of our 3 familys. The x axis shows the area in micrometers (um^2).


A
Capsicum
Eggplant
Morning glory
Pak choi
Petunia
Rocket
Tomato
Water morning glory
White mustard
Wild cabbage
density
0.0015
0.0010
0.0005
0.0000
0
10000
20000
30000
um


A
family
Brassicaceae
Convolvulaceae
Solanaceae
density
0.00020
0.00015
0.00010
0.00005