Data_visualization

SEED SET PER SPECIES WITH DIFFERENT TREATMENTS
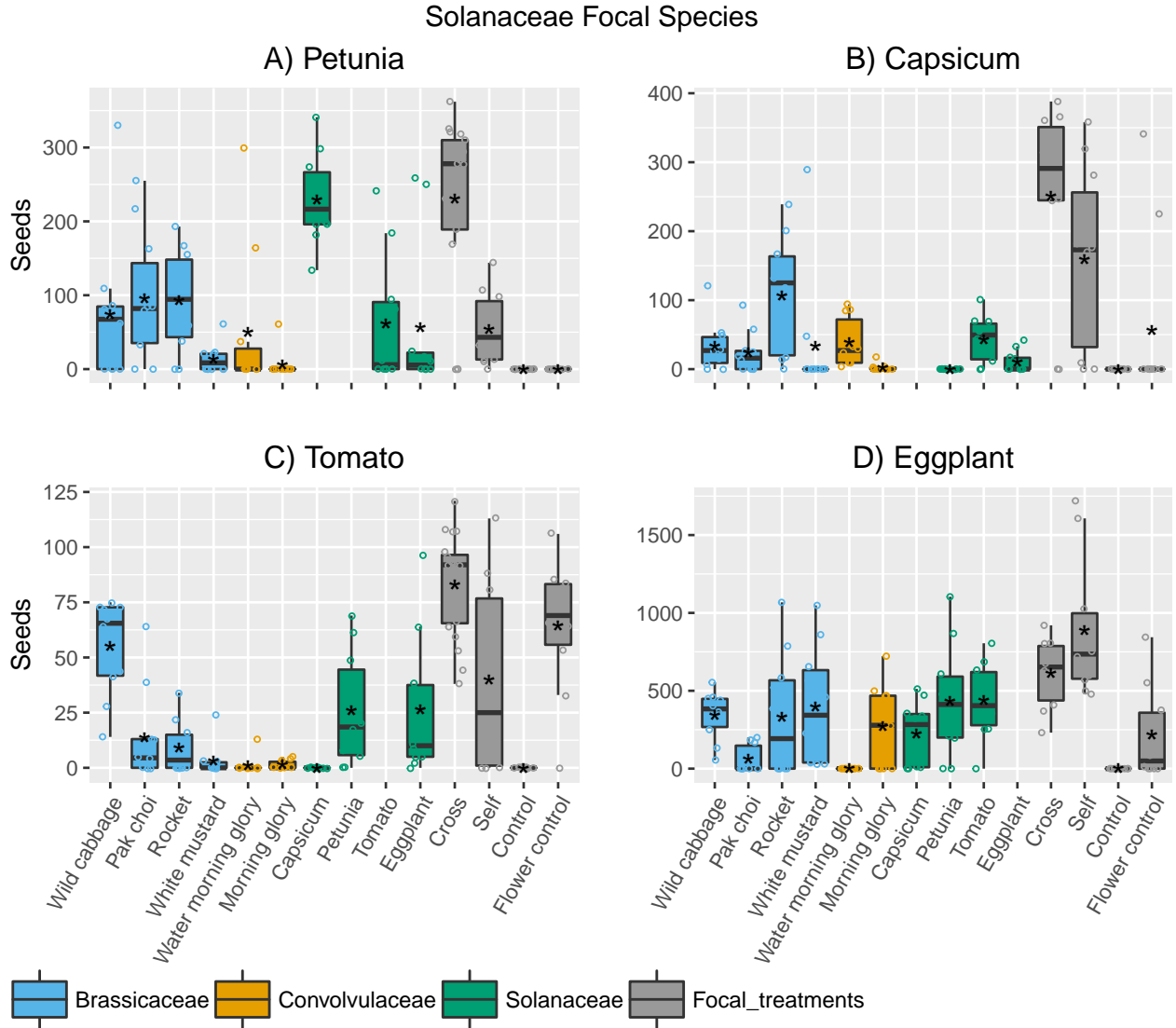
Solanaceae Focal Species

Figure 1. Seed set of Solanaceae species with the different pollination treatments (N=10) A) Petunia, B) Capsicum, C) Tomato, D) Eggplant. In total 9 different crosses with 50% heterospecific pollen appear from left to right. The focal treatment with itself is shown in blank to maintain simmetry among pannels. Moreover, for each species are also shown in grey hand cross pollination, hand self pollination, control (bagged emasculated flowers) and flower control (bagged flowers).
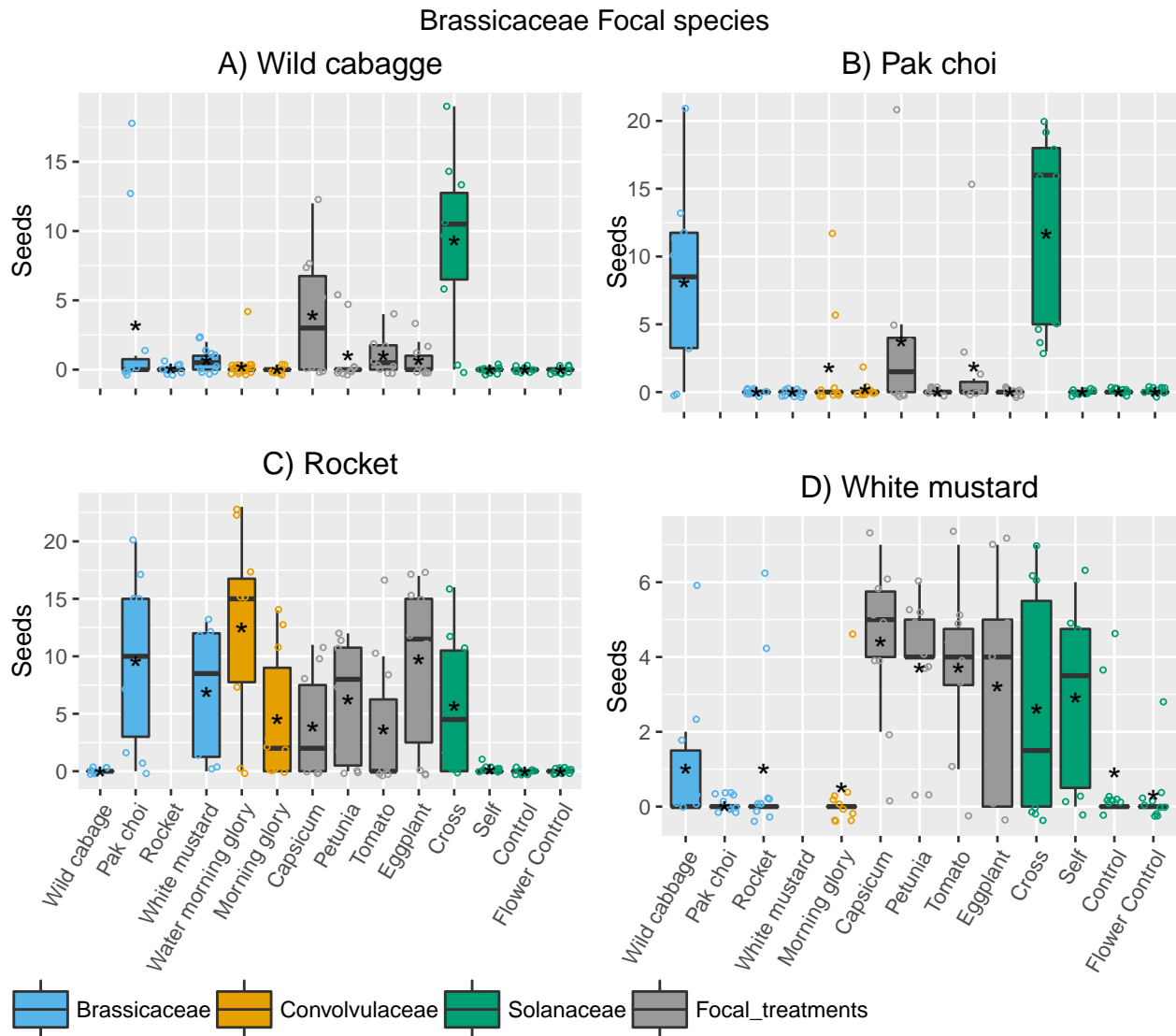
Figure 2. Seed set of Brassicaceae species with the different pollination treatments (N=10) A) Wild cabbage, B) Pak choi, C) Rocket, D) White mustard. In total 9 different crosses with 50% heterospecific pollen appear from left to right. The focal treatment with itself is shown in blank to maintain simmetry among pannels. Moreover, for each species are also shown in grey hand cross pollination, hand self pollination, control (bagged emasculated flowers) and flower control (bagged flowers).
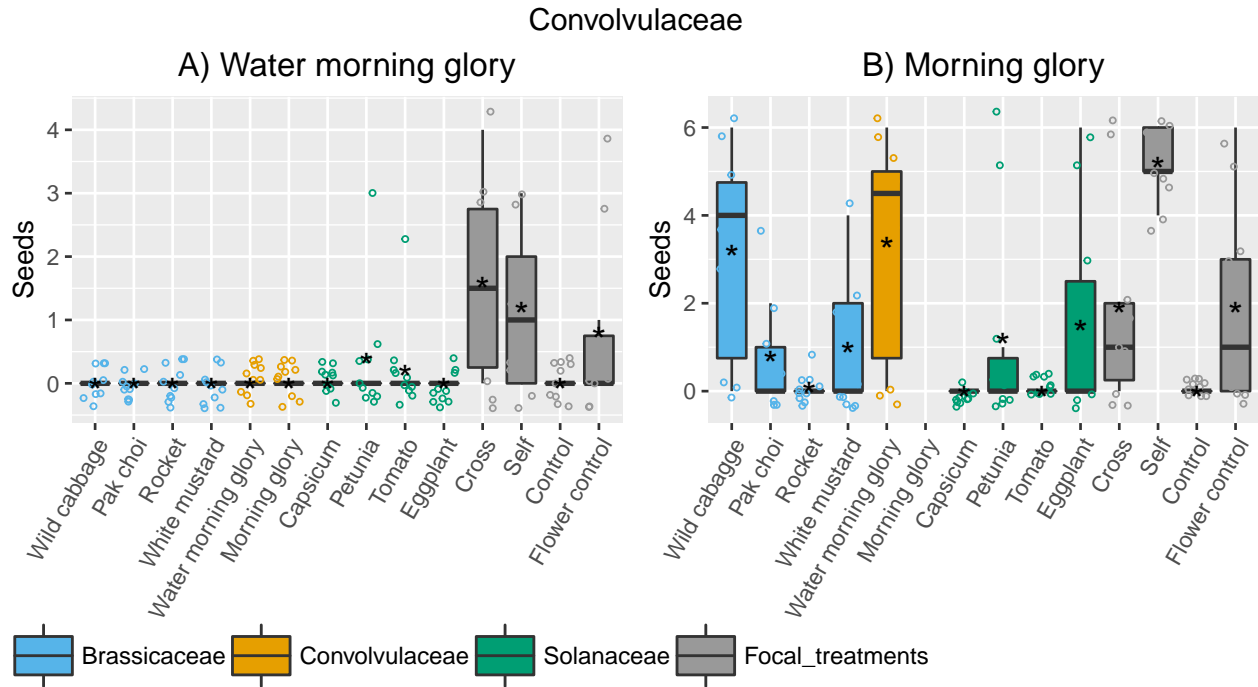
Figure 3. Seed set of Convolvulaceae species with the different pollination treatments (N=10) A) Water morning glory, B) Morning glory. In total 9 different crosses with 50% heterospecific pollen appear from left to right. The focal treatment with itself is shown in blank to maintain simmetry among pannels. Moreover, for each species are also shown in grey hand cross pollination, hand self pollination, control (bagged emasculated flowers) and flower control (bagged flowers).

CHOLOROPLAST RBCL PHYLOGENY
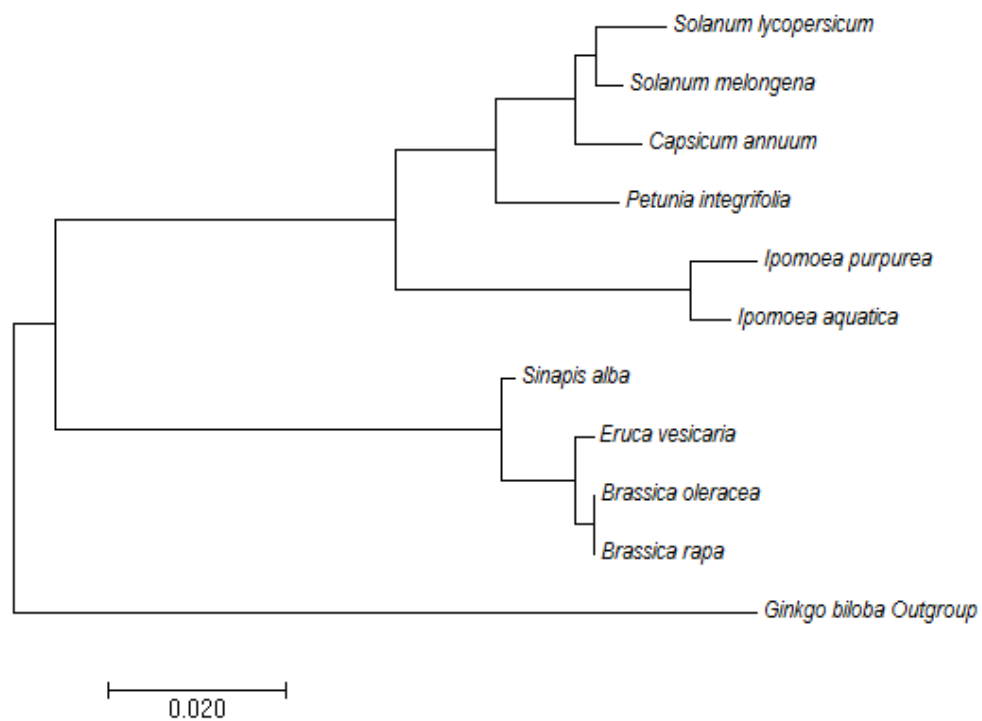
Figure 4. Evolutionary distances of the ten species used in the experiment using maximum composite likelihood method.

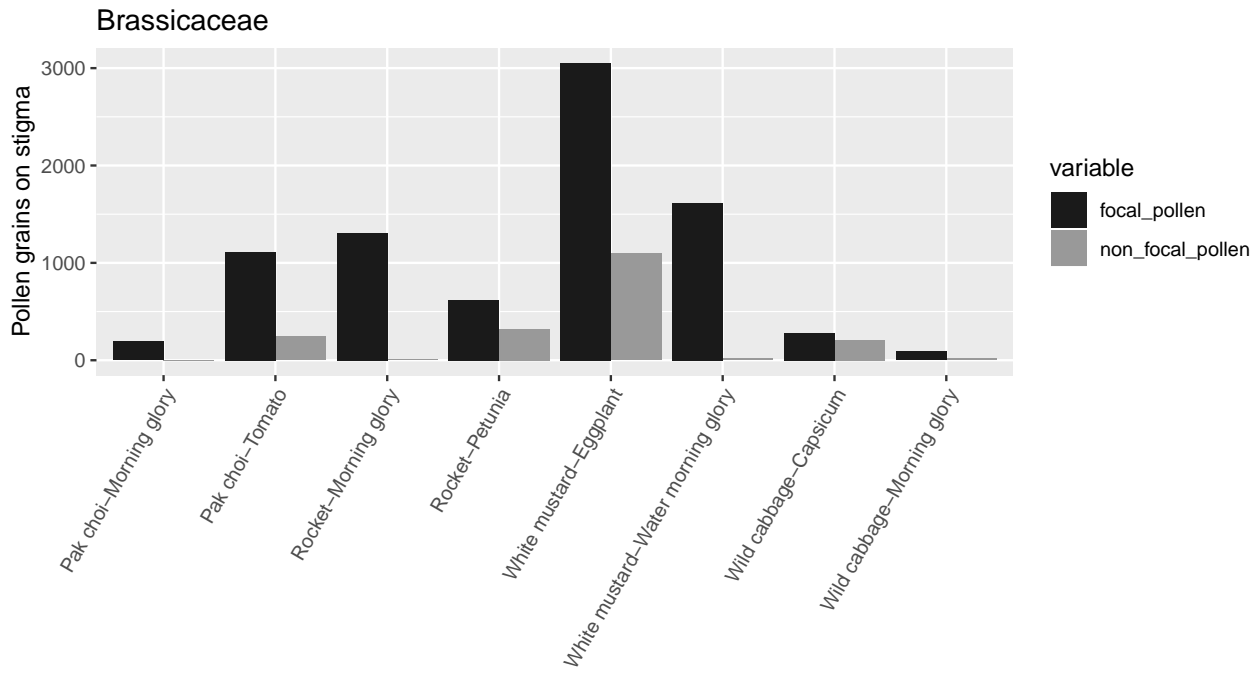**POLLEN MIX RATIOS PER FAMILY -3 NEXT PAGES- (N=3)**

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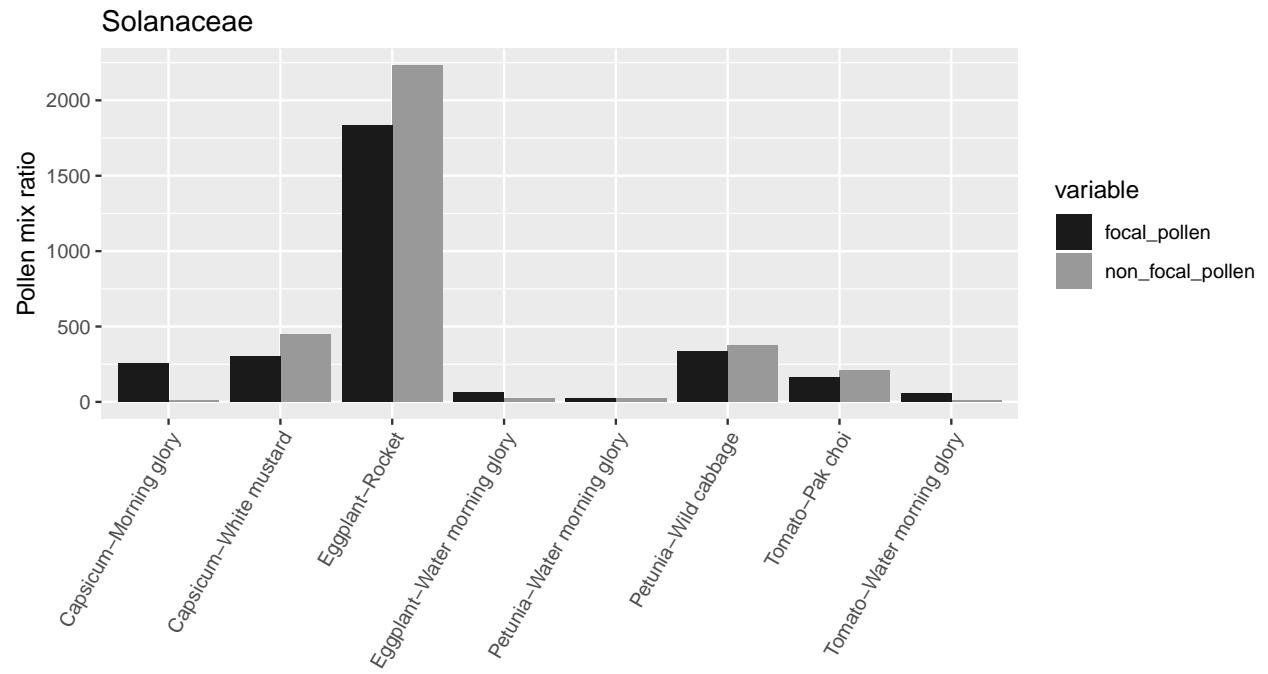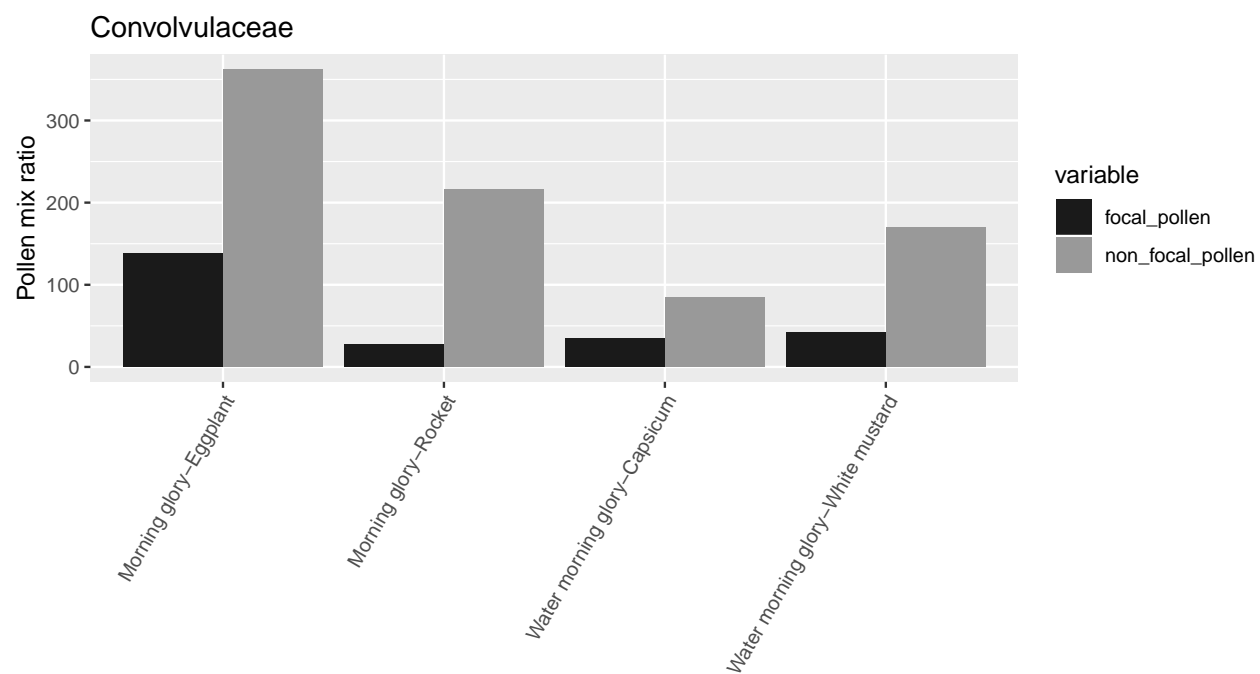

Brassicaceae

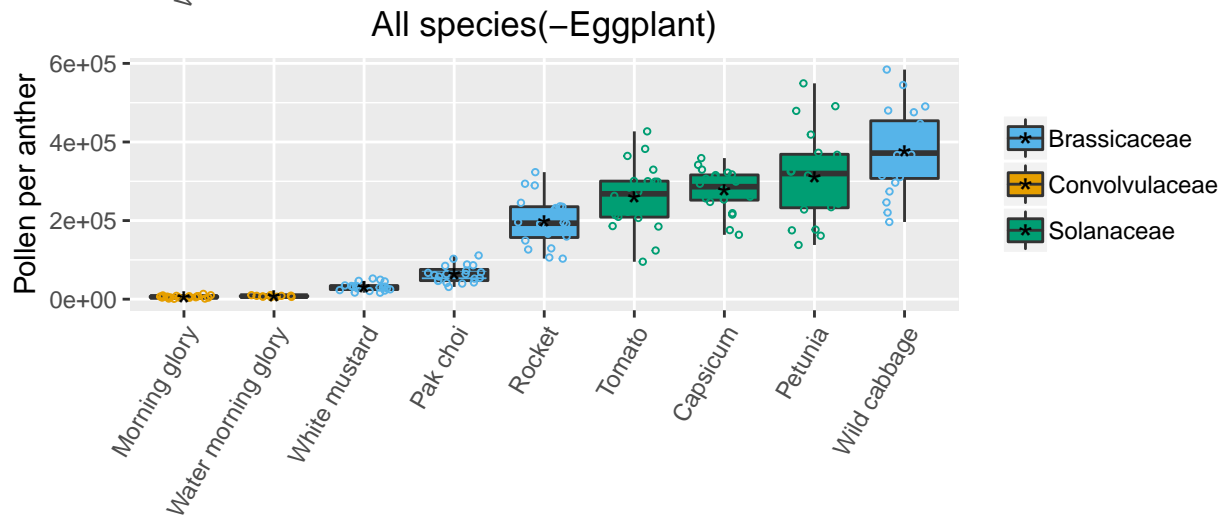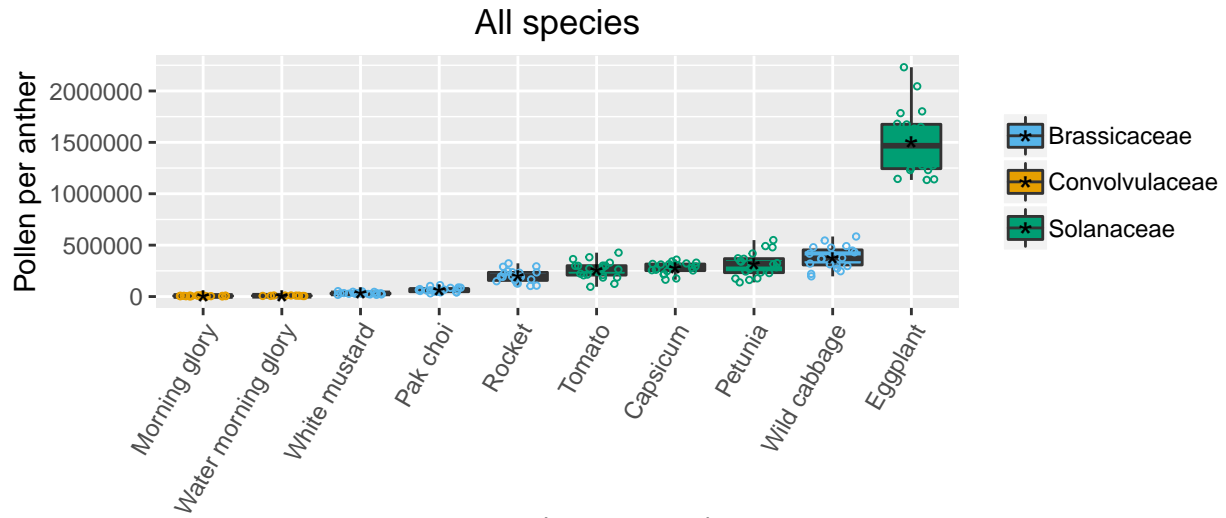Solanaceae

Convolvulaceae

Brassicaceae

Solanaceae

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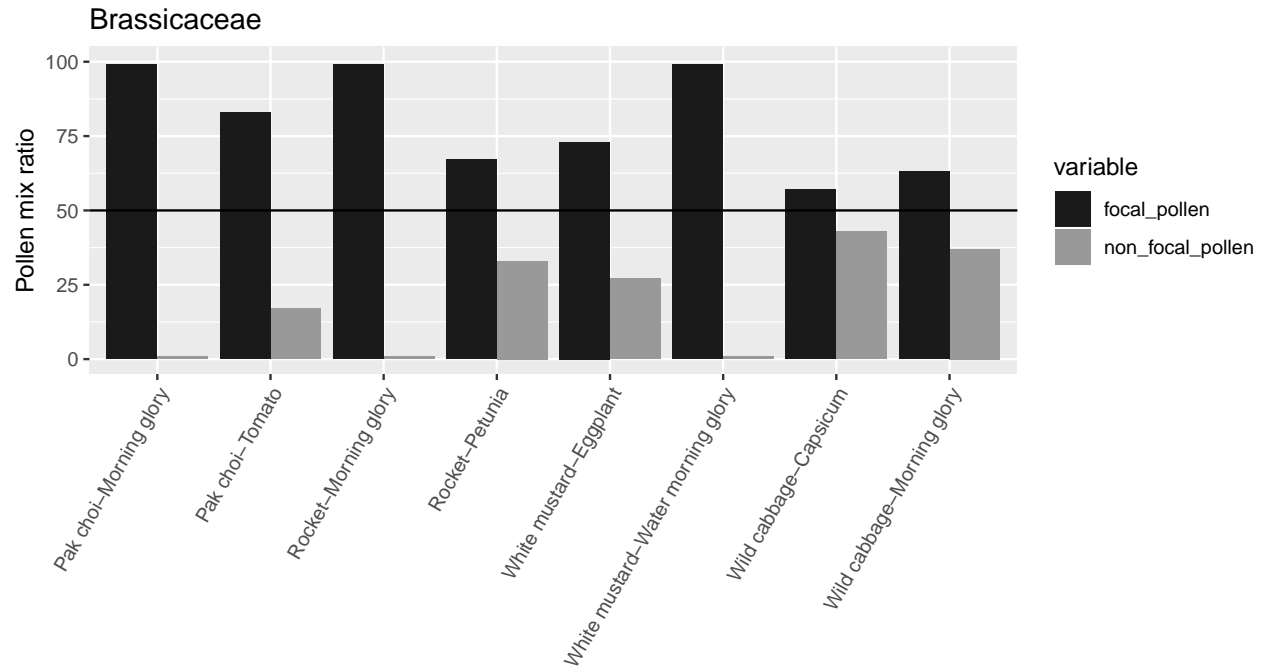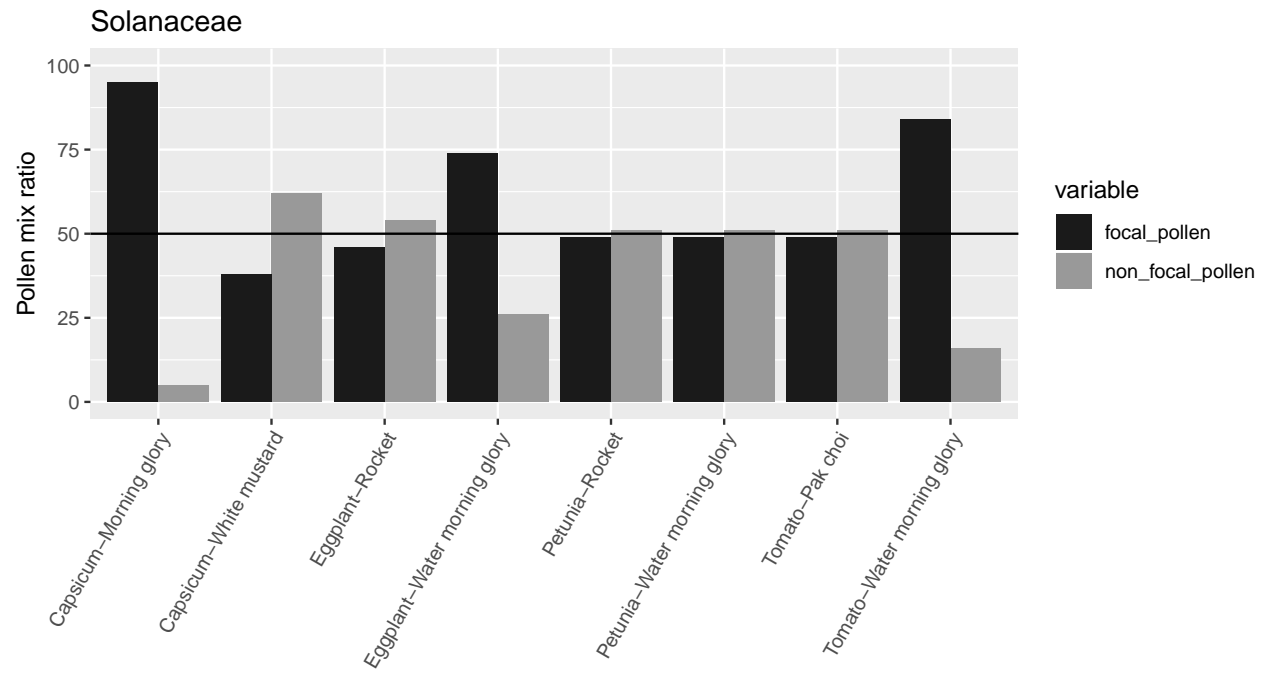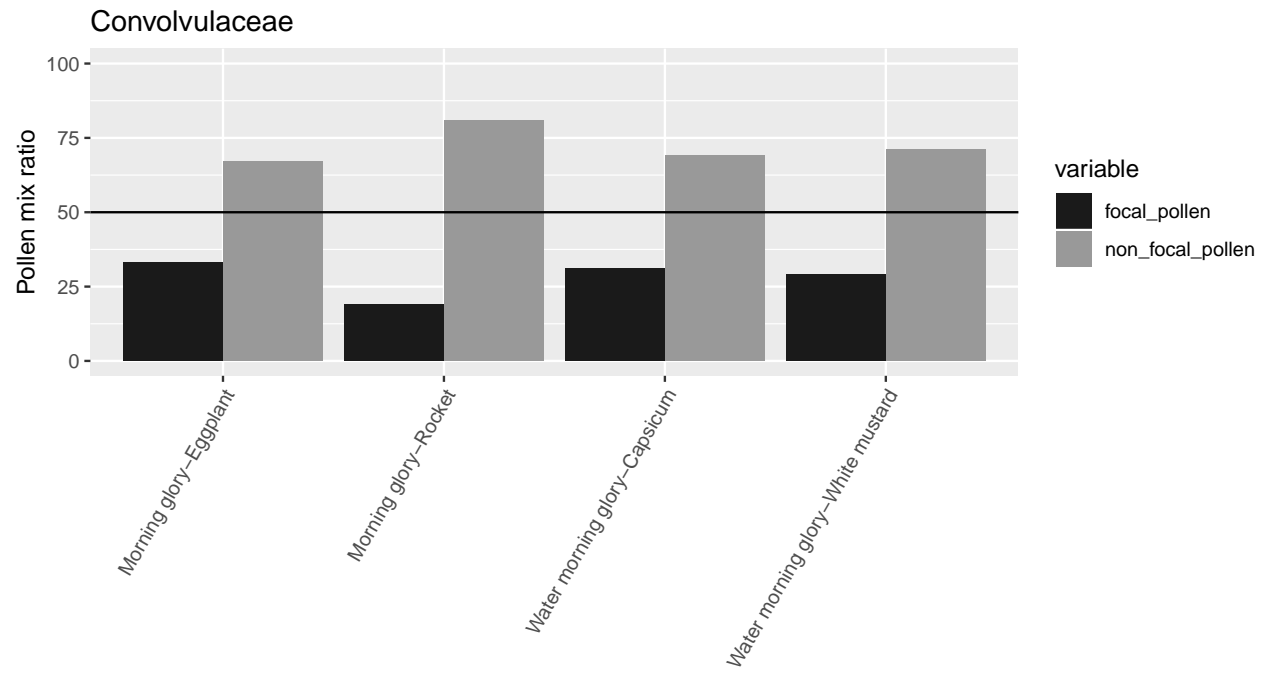
POLLEN PER ANTHER (N=20, I. aquatica N=10)

All species

All species(−Eggplant)

All species

All species(−Eggplant)
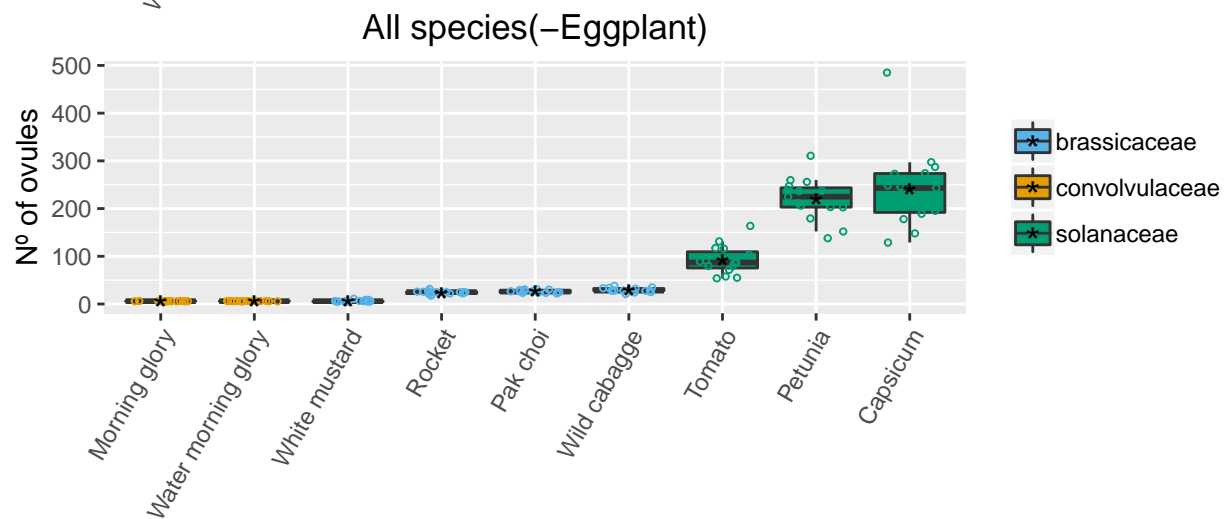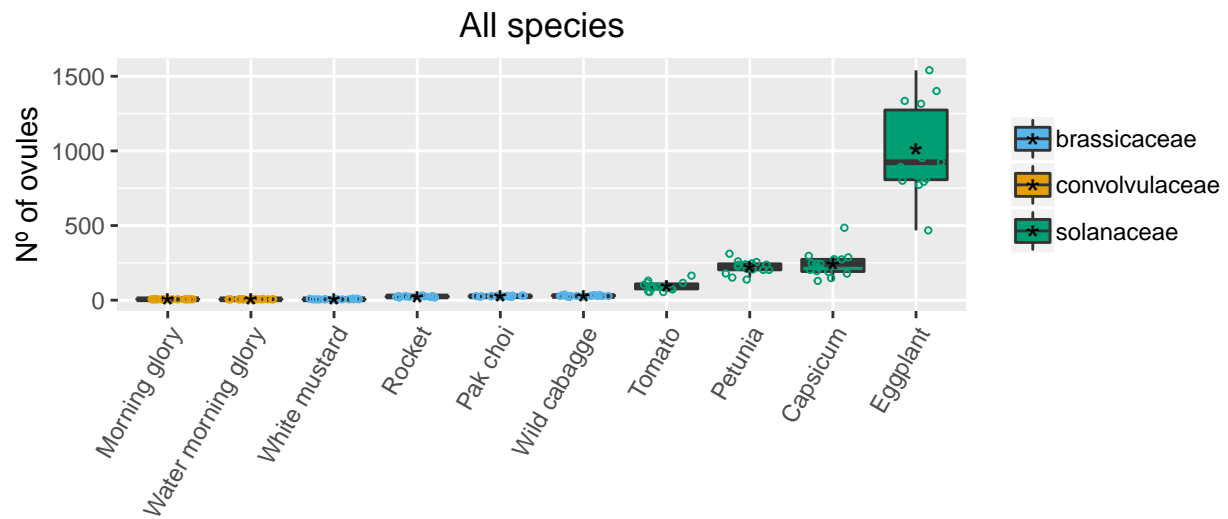
POLLEN OVULE RATIO. TOTAL POLLEN PER FLOWER DIVIDED BY NUMBER OF OVULES
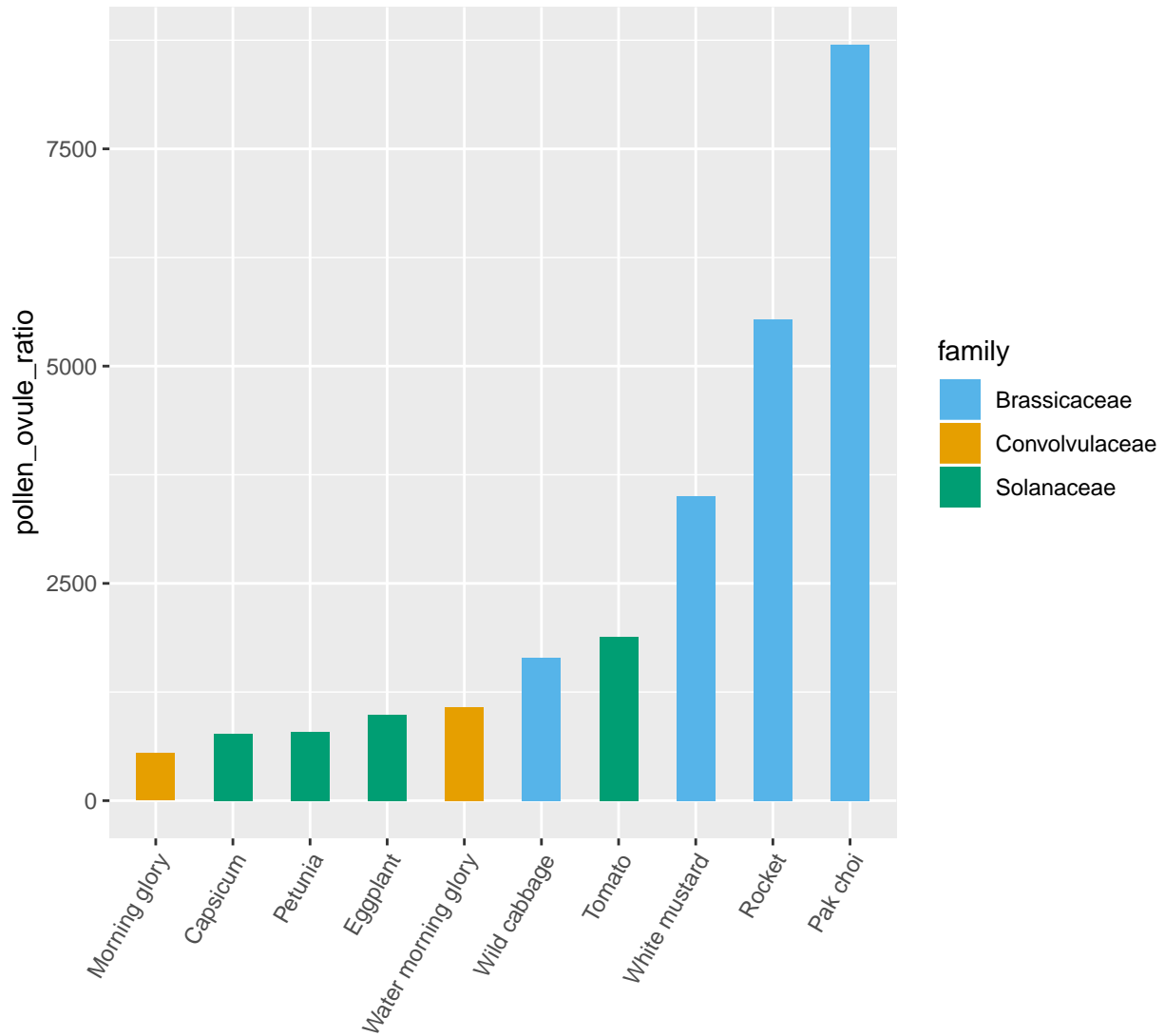
STIGMA AREA. BRASSICACEAE+1 AND SOLANACEAE+1
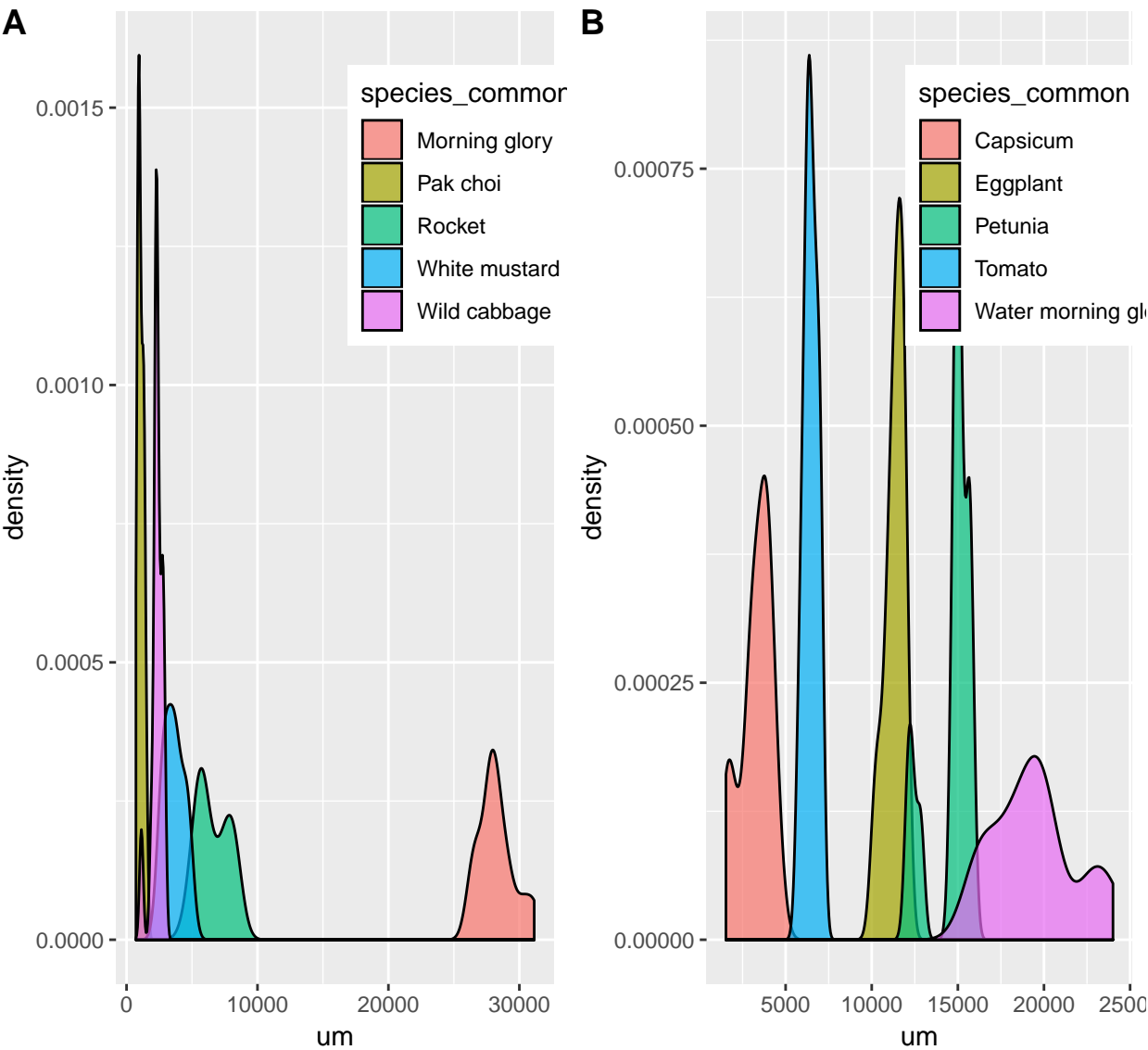
STIGMA AREA. ALL SPECIES, COLOUR PER SPECIES AND FAMILY

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).

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