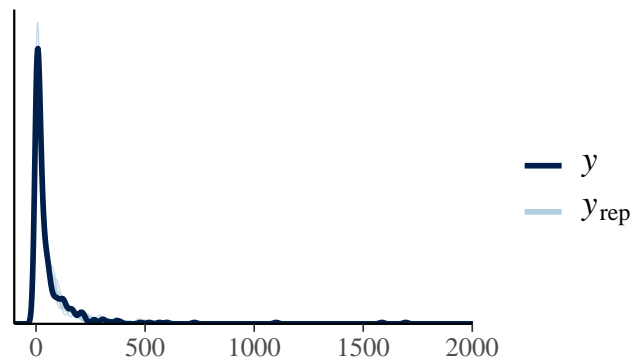


Model 1

```
brm(visits ~ autonomous_selfing_level + (1|net_id) + (1|gr(phylo, cov = A))
```

This model contains both quantitative and qualitative data of selfing levels and the fixed effect is grouped in 4 categories of high, medium, low and none levels of selfing. The response variable is the integer of visits.

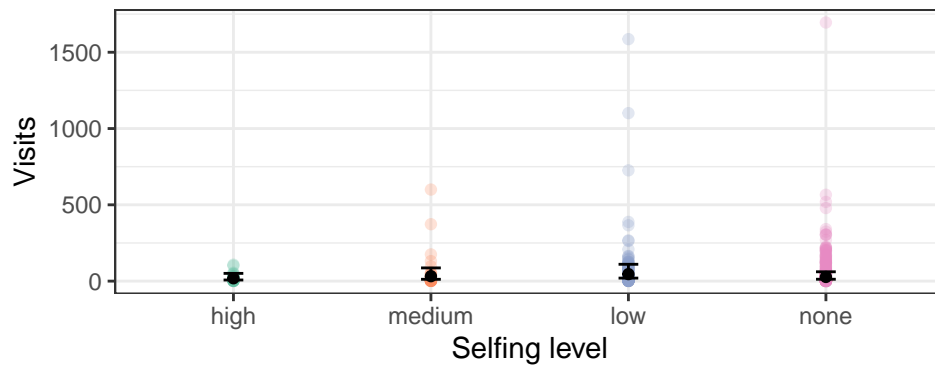
Check now the fit of the model:



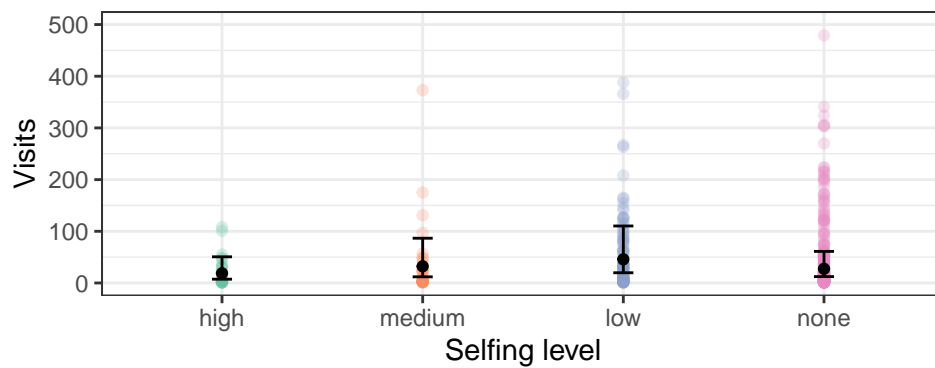
The fit seems right, check now estimates, se and credible intervals:

autonomous_selfing_level	estimate__	se__	lower__	upper__
high	18.66205	8.822497	7.36755	50.63038
medium	32.30017	16.338176	11.94566	86.60793
low	45.81416	19.927785	19.79993	110.28341
none	27.44296	10.985460	12.33089	61.10371

Plot output.



Set ylim max to 500 in order to improve visualization Some data points not shown.



Try now to logit estimates, credible intervals and points, maybe improves visualization?

