# Urbanization = Distance to City Center

ANOVA with all years of data

Model: Ramets\_early ~ Block + Year + (1 | Population/Family) + City\_dist

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Ramets before flowering | Block | 49.423 | **<0.001\*\*\*** |
| Year | 542.896 | **<0.001\*\*\*** |
| Distance to City Center | 0.967 | 0.325 |

ANOVA with one year of data

Model: Ramets\_early ~ Block + (1 | Population/Family) + City\_dist

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Ramets before flowering | Block | 83.953 | **<0.001\*\*\*** |
| Distance to City Center | 1.886 | 0.17 |

# Urbanization = Urbanization Score

ANOVA with all years of data

Model: Ramets\_early ~ Block + Year + (1 | Population/Family) + Urb\_score

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Ramets before flowering | Block | 49.090 | **<0.001\*\*\*** |
| Year | 543.025 | **<0.001\*\*\*** |
| Urbanization Score | 0.000 | 0.999 |

ANOVA with one year of data

Model: Ramets\_early ~ Block + (1 | Population/Family) + Urb\_score

| Variable | Predictor | χ2 | p |
| --- | --- | --- | --- |
| Ramets before flowering | Block | 83.50 | **<0.001\*\*\*** |
| Urbanization Score | 0.08 | 0.777 |