# Urbanization = Distance to City Center

ANOVA with all years of data

Model: mean\_flower\_count ~ Block + Year + (1 | Population/Family) + City\_dist

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Flowers per inflorescences | Block | 16.368 | **<0.001\*\*\*** |
| Year | 24.226 | **<0.001\*\*\*** |
| Distance to City Center | 1.880 | 0.17 |

ANOVA with one year of data

Model: mean\_flower\_count ~ Block + (1 | Population/Family) + City\_dist

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Flowers per inflorescences | Block | 10.538 | **0.015\*** |
| Distance to City Center | 2.104 | 0.147 |

# Urbanization = Urbanization Score

ANOVA with all years of data

Model: mean\_flower\_count ~ Block + Year + (1 | Population/Family) + Urb\_score

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Flowers per inflorescences | Block | 16.191 | **0.001\*\*** |
| Year | 24.707 | **<0.001\*\*\*** |
| Urbanization Score | 4.337 | **0.037\*** |

ANOVA with one year of data

Model: mean\_flower\_count ~ Block + (1 | Population/Family) + Urb\_score

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Flowers per inflorescences | Block | 10.595 | **0.014\*** |
| Urbanization Score | 3.552 | 0.059 |