# Urbanization = Distance to City Center

ANOVA with all years of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Pollinaria removed | Block | 14.633 | **0.002\*\*** |
| Year | 38.140 | **<0.001\*\*\*** |
| Distance to City Center | 2.032 | 0.154 |

ANOVA with one year of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Pollinaria removed | Block | 23.890 | **<0.001\*\*\*** |
| Distance to City Center | 3.592 | 0.058 |

# Urbanization = Urbanization Score

ANOVA with all years of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Pollinaria removed | Block | 14.671 | **0.002\*\*** |
| Year | 38.044 | **<0.001\*\*\*** |
| Urbanization Score | 1.500 | 0.221 |

ANOVA with one year of data

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

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Pollinaria removed | Block | 23.932 | **<0.001\*\*\*** |
| Urbanization Score | 3.289 | 0.07 |