# Urbanization = Distance to City Center

ANOVA with all years of data

Model: Julian\_first\_follicle^2 ~ Block + Year + (1 | Population/Family) + City\_dist

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Date of first follicle | Block | 575.518 | **<0.001\*\*\*** |
| Year | 8,499.561 | **<0.001\*\*\*** |
| Distance to City Center | 0.770 | 0.38 |

ANOVA with one year of data

Model: Julian\_first\_follicle^2 ~ Block + (1 | Population/Family) + City\_dist

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Date of first follicle | Block | 252.719 | **<0.001\*\*\*** |
| Distance to City Center | 0.194 | 0.66 |

# Urbanization = Urbanization Score

ANOVA with all years of data

Model: Julian\_first\_follicle^2 ~ Block + Year + (1 | Population/Family) + Urb\_score

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Date of first follicle | Block | 575.144 | **<0.001\*\*\*** |
| Year | 8,499.266 | **<0.001\*\*\*** |
| Urbanization Score | 0.130 | 0.718 |

ANOVA with one year of data

Model: Julian\_first\_follicle^2 ~ Block + (1 | Population/Family) + Urb\_score

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Date of first follicle | Block | 252.373 | **<0.001\*\*\*** |
| Urbanization Score | 0.031 | 0.859 |