# Urbanization = Distance to City Center

ANOVA with all years of data

Model: Pods ~ Block + Year + (1 | Population/Family) + City\_dist + Transect\_ID + City\_dist:Transect\_ID

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Follicles | Block | 17.616 | **<0.001\*\*\*** |
| Year | 15.574 | **<0.001\*\*\*** |
| Distance to City Center | 2.149 | 0.143 |
| Subtransect | 0.003 | 0.959 |
| Distance to City Center x Subtransect | 0.597 | 0.44 |

ANOVA with one year of data

Model: Pods ~ Block + (1 | Population/Family) + City\_dist + Transect\_ID + City\_dist:Transect\_ID

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Follicles | Block | 13.123 | **0.004\*\*** |
| Distance to City Center | 0.003 | 0.953 |
| Subtransect | 0.580 | 0.446 |
| Distance to City Center x Subtransect | 0.098 | 0.755 |

# Urbanization = Urbanization Score

ANOVA with all years of data

Model: Pods ~ Block + Year + (1 | Population/Family) + Urb\_score + Transect\_ID + Urb\_score:Transect\_ID

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Follicles | (Intercept) | 20.491 | **<0.001\*\*\*** |
| Block | 19.334 | **<0.001\*\*\*** |
| Year | 17.506 | **<0.001\*\*\*** |
| Urbanization Score | 5.923 | **0.015\*** |
| Subtransect | 6.551 | **0.01\*** |
| Urbanization Score x Subtransect | 11.058 | **<0.001\*\*\*** |

ANOVA with one year of data

Model: Pods ~ Block + (1 | Population/Family) + Urb\_score + Transect\_ID + Urb\_score:Transect\_ID

| Variable | Predictor | Ï‡2 | p |
| --- | --- | --- | --- |
| Follicles | (Intercept) | 38.947 | **<0.001\*\*\*** |
| Block | 14.433 | **0.002\*\*** |
| Urbanization Score | 5.185 | **0.023\*** |
| Subtransect | 6.494 | **0.011\*** |
| Urbanization Score x Subtransect | 7.454 | **0.006\*\*** |