# R-squared estimates for Flowering time Models

|  | **Distance to City Center** | | | | | | **Urbanization Score** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Best Models** | | | | **Alternative Models** | | **Best Models** | | | |
|  | **All Populations** | | **Urban Populations** | | | | **All Populations** | | **Urban Populations** | |
|  | **Model 1** | | **Model 2** | | **Model 3** | | **Model 4** | | **Model 5** | |
| **Type** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** |
| delta | 0.007 | 0.014 | 0.016 | 0.018 | 0.016 | 0.019 | 0.007 | 0.014 | 0.014 | 0.015 |
| lognormal | 0.019 | 0.036 | 0.039 | 0.045 | 0.040 | 0.046 | 0.019 | 0.036 | 0.033 | 0.037 |
| trigamma | 0.001 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 | 0.001 | 0.003 | 0.003 | 0.004 |

# R-squared estimates for Date of first flower Models

|  | **Distance to City Center** | | | | | | **Urbanization Score** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Best Models** | | | | **Alternative Models** | | **Best Models** | | | | **Alternative Models** | |
|  | **All Populations** | | **Urban Populations** | | | | **All Populations** | | **Urban Populations** | | | |
|  | **Model 1** | | **Model 2** | | **Model 3** | | **Model 4** | | **Model 5** | | **Model 6** | |
| **Type** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** |
| delta | 0.000 | 0.000 | 0.00 | 0.001 | 0.00 | 0.001 | 0.000 | 0.000 | 0.00 | 0.001 | 0.00 | 0.001 |
| lognormal | 0.009 | 0.014 | 0.01 | 0.017 | 0.01 | 0.017 | 0.009 | 0.014 | 0.01 | 0.017 | 0.01 | 0.017 |
| trigamma | 0.000 | 0.000 | 0.00 | 0.000 | 0.00 | 0.000 | 0.000 | 0.000 | 0.00 | 0.000 | 0.00 | 0.000 |

# R-squared estimates for Follicles Models

|  | **Distance to City Center** | | | | | | **Urbanization Score** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Best Models** | | | | **Alternative Models** | | **Best Models** | | | |
|  | **All Populations** | | **Urban Populations** | | | | **All Populations** | | **Urban Populations** | |
|  | **Model 1** | | **Model 2** | | **Model 3** | | **Model 4** | | **Model 5** | |
| **Type** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** |
| delta | 0.290 | 0.373 | 0.355 | 0.460 | 0.332 | 0.462 | 0.290 | 0.371 | 0.414 | 0.439 |
| lognormal | 0.329 | 0.423 | 0.400 | 0.519 | 0.375 | 0.522 | 0.329 | 0.421 | 0.471 | 0.499 |
| trigamma | 0.245 | 0.315 | 0.301 | 0.390 | 0.280 | 0.390 | 0.245 | 0.313 | 0.346 | 0.367 |