| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| sqrt(LDMC) | All | Block | 46.819 | <0.001\*\*\* |
| Urbanization Score | 0.261 | 0.609 |
| log(LDMC) | Urban Only | Block | 32.380 | <0.001\*\*\* |
| Urbanization Score | 0.720 | 0.396 |
| Subtransect | 0.646 | 0.421 |

| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| log(SLA + 1) | All | Block | 53.791 | <0.001\*\*\* |
| Urbanization Score | 0.135 | 0.714 |
| Urban Only | Block | 35.439 | <0.001\*\*\* |
| Urbanization Score | 1.260 | 0.262 |
| Subtransect | 1.438 | 0.23 |

| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| Total\_Height\_early^(1/3) | All | Block | 95.473 | <0.001\*\*\* |
| Year | 6,418.030 | <0.001\*\*\* |
| Urbanization Score | 0.867 | 0.352 |
| Urban Only | Block | 58.925 | <0.001\*\*\* |
| Year | 4,167.289 | <0.001\*\*\* |
| Urbanization Score | 0.376 | 0.54 |
| Subtransect | 1.210 | 0.271 |

| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| Total\_Height\_late^(1/3) | All | Block | 119.185 | <0.001\*\*\* |
| Year | 667.545 | <0.001\*\*\* |
| Urbanization Score | 0.529 | 0.467 |
| Urban Only | Block | 73.955 | <0.001\*\*\* |
| Year | 442.628 | <0.001\*\*\* |
| Urbanization Score | 0.042 | 0.837 |
| Subtransect | 0.880 | 0.348 |

| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| (rel\_growth\_rate^(1/3)) \* 100 | All | Block | 4.012 | 0.26 |
| Year | 3.781 | 0.151 |
| Urbanization Score | 0.021 | 0.885 |
| Urban Only | Block | 4.916 | 0.178 |
| Year | 1.433 | 0.488 |
| Urbanization Score | 0.190 | 0.663 |
| Subtransect | 1.218 | 0.27 |

| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| Ramets\_early | All | Block | 49.090 | <0.001\*\*\* |
| Year | 543.025 | <0.001\*\*\* |
| Urbanization Score | 0.000 | 0.999 |
| Urban Only | Block | 30.035 | <0.001\*\*\* |
| Year | 338.850 | <0.001\*\*\* |
| Urbanization Score | 0.882 | 0.348 |
| Subtransect | 1.892 | 0.169 |

| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| Ramets\_late | All | Block | 85.654 | <0.001\*\*\* |
| Year | 62.740 | <0.001\*\*\* |
| Urbanization Score | 0.158 | 0.691 |
| Urban Only | Block | 56.669 | <0.001\*\*\* |
| Year | 38.544 | <0.001\*\*\* |
| Urbanization Score | 0.822 | 0.364 |
| Subtransect | 0.778 | 0.378 |

| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| Dead | All | Block | 73.317 | <0.001\*\*\* |
| Year | 360.678 | <0.001\*\*\* |
| Urbanization Score | 0.002 | 0.964 |
| Urban Only | Block | 43.512 | <0.001\*\*\* |
| Year | 242.655 | <0.001\*\*\* |
| Urbanization Score | 2.735 | 0.098 |
| Subtransect | 2.063 | 0.151 |
| Urbanization Score x Subtransect | 3.510 | 0.061 |