| 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 | 33.520 | <0.001\*\*\* |
| Urbanization Score | 0.101 | 0.751 |
| Urban Only | Block | 20.056 | <0.001\*\*\* |
| Urbanization Score | 1.869 | 0.172 |
| Subtransect | 4.061 | 0.044\* |

| Response | Sites | Predictor | Ï‡2 | *p* |
| --- | --- | --- | --- | --- |
| Total\_Height\_early^(1/3) | All | Block | 83.849 | <0.001\*\*\* |
| Year | 3,203.882 | <0.001\*\*\* |
| Urbanization Score | 0.875 | 0.35 |
| Urban Only | Block | 50.363 | <0.001\*\*\* |
| Year | 2,116.012 | <0.001\*\*\* |
| Urbanization Score | 0.083 | 0.774 |
| Subtransect | 0.829 | 0.363 |

| 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) | All | Block | 3.923 | 0.27 |
| Year | 3.991 | 0.136 |
| Urbanization Score | 0.016 | 0.9 |
| Urban Only | Block | 4.811 | 0.186 |
| Year | 1.591 | 0.451 |
| Urbanization Score | 0.176 | 0.675 |
| Subtransect | 1.133 | 0.287 |

| 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 |