All populations & Urbanization = Distance from City Center

| variable | p | Bonferroni | BH | Holm | Hochberg | Hommel | BY |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Herbivory\_mean\_early\_binary | 0.04600000 | 1 | 0.4810000 | 1 | 0.92 | 0.8571111 | 1 |
| cardenolide\_6.6 | 0.06876205 | 1 | 0.4810000 | 1 | 0.92 | 0.8796667 | 1 |
| cardenolide\_Total | 0.07934743 | 1 | 0.4810000 | 1 | 0.92 | 0.8858182 | 1 |
| log(Herbivory\_mean\_late) | 0.11900000 | 1 | 0.4810000 | 1 | 0.92 | 0.9200000 | 1 |
| log(Scar\_length\_cm) | 0.12300000 | 1 | 0.4810000 | 1 | 0.92 | 0.9200000 | 1 |
| Ramets\_late | 0.13200000 | 1 | 0.4810000 | 1 | 0.92 | 0.9200000 | 1 |
| sqrt(LDMC) | 0.16200000 | 1 | 0.4810000 | 1 | 0.92 | 0.9200000 | 1 |
| Total\_Height\_late^(1/3) | 0.16800000 | 1 | 0.4810000 | 1 | 0.92 | 0.9200000 | 1 |
| mean\_flower\_count | 0.17000000 | 1 | 0.4810000 | 1 | 0.92 | 0.9200000 | 1 |
| Total\_Height\_early^(1/3) | 0.18500000 | 1 | 0.4810000 | 1 | 0.92 | 0.9200000 | 1 |
| Ramets\_early | 0.32500000 | 1 | 0.7681818 | 1 | 0.92 | 0.9200000 | 1 |
| Scar\_binary | 0.44200000 | 1 | 0.8401250 | 1 | 0.92 | 0.9200000 | 1 |
| Overall\_mean | 0.48300000 | 1 | 0.8401250 | 1 | 0.92 | 0.9200000 | 1 |
| cardenolide\_15 | 0.49085416 | 1 | 0.8401250 | 1 | 0.92 | 0.9200000 | 1 |
| Herbivory\_mean\_late\_binary | 0.50400000 | 1 | 0.8401250 | 1 | 0.92 | 0.9200000 | 1 |
| Peduncles | 0.51700000 | 1 | 0.8401250 | 1 | 0.92 | 0.9200000 | 1 |
| cardenolide\_17.6 | 0.55540754 | 1 | 0.8444800 | 1 | 0.92 | 0.9200000 | 1 |
| Latex\_weight\_mg^(1/3) | 0.62000000 | 1 | 0.8444800 | 1 | 0.92 | 0.9200000 | 1 |
| flowering\_time\_num | 0.67900000 | 1 | 0.8444800 | 1 | 0.92 | 0.9200000 | 1 |
| log(SLA + 1) | 0.70000000 | 1 | 0.8444800 | 1 | 0.92 | 0.9200000 | 1 |
| Flowered | 0.75300000 | 1 | 0.8444800 | 1 | 0.92 | 0.9200000 | 1 |
| Julian\_oldest\_inflor | 0.77700000 | 1 | 0.8444800 | 1 | 0.92 | 0.9200000 | 1 |
| rel\_growth\_rate^(1/3) | 0.78600000 | 1 | 0.8444800 | 1 | 0.92 | 0.9200000 | 1 |
| Dead | 0.80500000 | 1 | 0.8444800 | 1 | 0.92 | 0.9200000 | 1 |
| log(Herbivory\_mean\_early) | 0.81200000 | 1 | 0.8444800 | 1 | 0.92 | 0.9200000 | 1 |
| Pods | 0.92000000 | 1 | 0.9200000 | 1 | 0.92 | 0.9200000 | 1 |

All populations & Urbanization = Urbanization Score

| variable | p | Bonferroni | BH | Holm | Hochberg | Hommel | BY |
| --- | --- | --- | --- | --- | --- | --- | --- |
| mean\_flower\_count | 0.03700000 | 0.962 | 0.5850000 | 0.962 | 0.962 | 0.8880000 | 1 |
| Latex\_weight\_mg^(1/3) | 0.04500000 | 1.000 | 0.5850000 | 1.000 | 0.999 | 0.9575789 | 1 |
| cardenolide\_17.6 | 0.06812431 | 1.000 | 0.5904107 | 1.000 | 0.999 | 0.9990000 | 1 |
| log(Herbivory\_mean\_early) | 0.13800000 | 1.000 | 0.8970000 | 1.000 | 0.999 | 0.9990000 | 1 |
| Herbivory\_mean\_early\_binary | 0.27900000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| Total\_Height\_early^(1/3) | 0.35000000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| log(Scar\_length\_cm) | 0.40800000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| Total\_Height\_late^(1/3) | 0.46700000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| Scar\_binary | 0.52200000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| cardenolide\_15 | 0.53782103 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| Overall\_mean | 0.55600000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| sqrt(LDMC) | 0.60900000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| Ramets\_late | 0.69100000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| cardenolide\_Total | 0.70475491 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| cardenolide\_6.6 | 0.70550351 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| Flowered | 0.70700000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| log(SLA + 1) | 0.75100000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| Julian\_oldest\_inflor | 0.76100000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| flowering\_time\_num | 0.78300000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| Herbivory\_mean\_late\_binary | 0.78500000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| Pods | 0.79600000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| Peduncles | 0.79600000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| log(Herbivory\_mean\_late) | 0.82700000 | 1.000 | 0.9348696 | 1.000 | 0.999 | 0.9990000 | 1 |
| rel\_growth\_rate^(1/3) | 0.90000000 | 1.000 | 0.9750000 | 1.000 | 0.999 | 0.9990000 | 1 |
| Dead | 0.96400000 | 1.000 | 0.9990000 | 1.000 | 0.999 | 0.9990000 | 1 |
| Ramets\_early | 0.99900000 | 1.000 | 0.9990000 | 1.000 | 0.999 | 0.9990000 | 1 |

Urban populations & Urbanization = Distance from City Center

| variable | p | Bonferroni | BH | Holm | Hochberg | Hommel | BY |
| --- | --- | --- | --- | --- | --- | --- | --- |
| flowering\_time\_num | 0.013 | 0.273 | 0.2730000 | 0.273 | 0.273 | 0.2730000 | 0.9951829 |
| log(Scar\_length\_cm) | 0.034 | 0.714 | 0.3570000 | 0.680 | 0.680 | 0.5780000 | 1.0000000 |
| Herbivory\_mean\_early\_binary | 0.068 | 1.000 | 0.3727500 | 1.000 | 0.906 | 0.7150000 | 1.0000000 |
| mean\_flower\_count | 0.071 | 1.000 | 0.3727500 | 1.000 | 0.906 | 0.7150000 | 1.0000000 |
| log(SLA + 1) | 0.094 | 1.000 | 0.3948000 | 1.000 | 0.906 | 0.7521429 | 1.0000000 |
| Overall\_mean | 0.141 | 1.000 | 0.4350000 | 1.000 | 0.906 | 0.8460000 | 1.0000000 |
| log(Herbivory\_mean\_early) | 0.145 | 1.000 | 0.4350000 | 1.000 | 0.906 | 0.8700000 | 1.0000000 |
| log(Herbivory\_mean\_late) | 0.196 | 1.000 | 0.5092500 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| Flowered | 0.240 | 1.000 | 0.5092500 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| log(LDMC) | 0.261 | 1.000 | 0.5092500 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| Peduncles^2 | 0.282 | 1.000 | 0.5092500 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| Ramets\_early | 0.291 | 1.000 | 0.5092500 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| rel\_growth\_rate^(1/3) | 0.320 | 1.000 | 0.5169231 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| Total\_Height\_early^(1/3) | 0.409 | 1.000 | 0.6135000 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| Total\_Height\_late^(1/3) | 0.460 | 1.000 | 0.6416667 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| Overall\_mean | 0.539 | 1.000 | 0.6416667 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| Herbivory\_mean\_late\_binary | 0.545 | 1.000 | 0.6416667 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| Julian\_oldest\_inflor | 0.550 | 1.000 | 0.6416667 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| Ramets\_late | 0.585 | 1.000 | 0.6465789 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| Scar\_binary | 0.894 | 1.000 | 0.9060000 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| Latex\_weight\_mg^(1/3) | 0.906 | 1.000 | 0.9060000 | 1.000 | 0.906 | 0.9060000 | 1.0000000 |
| c("Herbivory\_mean\_early\_binary", "Herbivory\_mean\_early\_binary") |  |  |  |  |  |  |  |

Urban populations & Urbanization = Urbanization Score

| variable | p | Bonferroni | BH | Holm | Hochberg | Hommel | BY |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Overall\_mean | 0.003 | 0.063 | 0.0630000 | 0.063 | 0.063 | 0.0630000 | 0.2296576 |
| Latex | 0.023 | 0.483 | 0.1260000 | 0.460 | 0.437 | 0.3680000 | 0.4593152 |
| flowering\_time\_num | 0.023 | 0.483 | 0.1260000 | 0.460 | 0.437 | 0.3680000 | 0.4593152 |
| Peduncles | 0.027 | 0.567 | 0.1260000 | 0.486 | 0.486 | 0.4320000 | 0.4593152 |
| log(Scar\_length\_cm) | 0.030 | 0.630 | 0.1260000 | 0.510 | 0.510 | 0.4560000 | 0.4593152 |
| log(SLA + 1) | 0.044 | 0.924 | 0.1540000 | 0.704 | 0.704 | 0.6160000 | 0.5613852 |
| Herbivory\_mean\_early\_quant | 0.062 | 1.000 | 0.1860000 | 0.930 | 0.911 | 0.6820000 | 0.6780367 |
| log(Herbivory\_mean\_late) | 0.111 | 1.000 | 0.2660000 | 1.000 | 0.911 | 0.8491429 | 0.9696654 |
| Pods | 0.114 | 1.000 | 0.2660000 | 1.000 | 0.911 | 0.8491429 | 0.9696654 |
| Ramets\_early | 0.169 | 1.000 | 0.3549000 | 1.000 | 0.911 | 0.8916000 | 1.0000000 |
| Flowered | 0.281 | 1.000 | 0.5022500 | 1.000 | 0.911 | 0.9110000 | 1.0000000 |
| rel\_growth\_rate^(1/3) | 0.287 | 1.000 | 0.5022500 | 1.000 | 0.911 | 0.9110000 | 1.0000000 |
| Total\_Height\_late^(1/3) | 0.348 | 1.000 | 0.5292000 | 1.000 | 0.911 | 0.9110000 | 1.0000000 |
| Total\_Height\_early^(1/3) | 0.363 | 1.000 | 0.5292000 | 1.000 | 0.911 | 0.9110000 | 1.0000000 |
| Ramets\_late | 0.378 | 1.000 | 0.5292000 | 1.000 | 0.911 | 0.9110000 | 1.0000000 |
| log(LDMC) | 0.421 | 1.000 | 0.5497059 | 1.000 | 0.911 | 0.9110000 | 1.0000000 |
| Herbivory\_mean\_late\_binary | 0.445 | 1.000 | 0.5497059 | 1.000 | 0.911 | 0.9110000 | 1.0000000 |
| Overall\_mean | 0.533 | 1.000 | 0.6218333 | 1.000 | 0.911 | 0.9110000 | 1.0000000 |
| Herbivory\_mean\_early\_binary | 0.645 | 1.000 | 0.7128947 | 1.000 | 0.911 | 0.9110000 | 1.0000000 |
| Julian\_oldest\_inflor | 0.743 | 1.000 | 0.7801500 | 1.000 | 0.911 | 0.9110000 | 1.0000000 |
| Scar\_binary | 0.911 | 1.000 | 0.9110000 | 1.000 | 0.911 | 0.9110000 | 1.0000000 |
| c("mean\_flower\_count", "mean\_flower\_count") |  |  |  |  |  |  |  |