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| Supplemental Table S1. *Top*: univariate (*F*, *df*, *P > F*) and multivariate (Wilk’s λ, *df*, *P* > *F*) tests of location, year, and location × year effects on diet quality components neutral detergent fiber (NDF), crude protein (CP), digestible energy (DE), and phosphorus (P) for forbs1 during period 1 (first two weeks of April). *Bottom*: for the location test, standardized canonical variate coefficients and within-location canonical structure coefficients for canonical variables 1 and 2. Analyses based on normal-score transformed data.  |
|  | Univariate Tests: |  | Multivariate tests |
| Effect |  | NDF | CP | DE | P |  | LRT | *P* > *F* |
| Location | *F*2, 45 *P > F* | 0.090.9182 | 0.430.6517 | 2.830.0697 | 0.510.6017 |  | 0.8297(*df*: 8, 84) | 0.4220 |
|  |  |  |  |  |  |  |  |  |
| Year | *F*1, 45 *P > F* | 5.030.0299 | 0.100.7509 | 52.39<0.0001 | 3.940.0531 |  | 0.4035(*df*: 4, 42) | 0.0001 |
|  |  |  |  |  |  |  |  |  |
| Location × Year | *F*2, 45 *P > F* | 3.190.0506 | 1.920.1577 | 0.500.6101 | 0.410.6642 |  | 0.8229(*df*: 8, 84) | 0.3884 |
|  |  |  |  |  |  |  |  |
| Can. Var.  | Interpretative coefficients | NDF | CP | DE | P |  |  |  |
| 1 | Standardized coefsCanonical struct | 0.1174-0.1283 | 0.62450.2169 | 1.29640.8127 | -0.5385-0.2758 |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 2 | Standardized coefsCanonical struct | -0.0426-0.2288 | 0.64630.8930 | -0.0093-0.1177 | 0.51720.8066 |  |  |  |
| 1 Forb species: cardinal flower, Indian blanket, lazy daisy, partridge pea, naked Mexican hat, Texas senna; Lindheimer’s sida, American snoutbean, soldier weed, widow’s tear, winecup |
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| Supplemental Table S2 . *Top*: univariate (*F*, *df*, *P > F*) and multivariate (Wilk’s λ, *df*, *P* > *F*) tests of location, year, and location × year effects on diet quality components neutral detergent fiber (NDF), crude protein (CP), digestible energy (DE), and phosphorus (P) for forbs1 during period 2 (late May to early June). *Bottom*: for the location test, standardized canonical variate coefficients and within-location canonical structure coefficients for canonical variables 1 and 2. Analyses based on normal-score transformed data.  |
|  | Univariate Tests: |  | Multivariate tests |
| Effect |  | NDF | CP | DE | P |  | LRT | *P* > *F* |
| Location | *F*2, 51 *P > F* | 3.860.0274 | 0.340.7135 | 0.210.8152 | 1.540.2246 |  | 0.8081(*df*: 8, 96) | 0.2289 |
|  |  |  |  |  |  |  |  |  |
| Year | *F*1, 51 *P > F* | 0.680.4122 | 46.19<0.0001 | 49.67<0.0001 | 37.59<0.0001 |  | 0.3240(*df*: 4, 48) | 0.0001 |
|  |  |  |  |  |  |  |  |  |
| Location × Year | *F*2, 51 *P > F* | 0.020.9837 | 0.030.9714 | 0.560.5738 | 0.170.8421 |  | 0.9671(*df*: 8, 96) | 0.9898 |
|  |  |  |  |  |  |  |  |
| Can. Var.  | Interpretative coefficients | NDF | CP | DE | P |  |  |  |
| 1 | Standardized coefsCanonical struct | 1.07680.9729 | 0.00850.0788 | 0.2999-0.0326 | 0.1181-0.11186 |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 2 | Standardized coefsCanonical struct | 0.1064-0.1551 | 0.26810.4250 | 0.39630.3395 | 1.15650.9219 |  |  |  |
| 1 Forb species: cardinal flower, tropical Mexican clover, Indian blanket, lazy daisy, partridge pea, naked Mexican hat, Texas senna, Lindheimer’s sida, American snoutbean, soldier weed, widow’s tear, winecup |
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| Supplemental Table S3. *Top*: univariate (*F*, *df*, *P > F*) and multivariate (Wilk’s λ, *df*, *P* > *F*) tests of location, year, and location × year effects on diet quality components neutral detergent fiber (NDF), crude protein (CP), digestible energy (DE), and phosphorus (P) for forbs1 during period 3 (late July to early August). *Bottom*: for the location test, standardized canonical variate coefficients and within-location canonical structure coefficients for canonical variables 1 and 2. Analyses based on normal-score transformed data. |
|  | Univariate Tests: |  | Multivariate tests |
| Effect |  | NDF | CP | DE | P |  | LRT | *P* > *F* |
| Location | *F*2, 40  *P > F* | 0.030.9672 | 0.390.6801 | 0.510.6038 | 2.000.1480 |  | 0.8835(*df*: 8, 74) | 0.7823 |
|  |  |  |  |  |  |  |  |  |
| Year | *F*1, 40 *P > F* | 0.590.4473 | 0.700.4072 | 42.77<0.0001 | 12.460.0011 |  | 0.3057(*df*: 4, 37) | 0.0001 |
|  |  |  |  |  |  |  |  |  |
| Location × Year | *F*2, *40* *P > F* | 0.020.9845 | 0.240.7862 | 0.560.5768 | 0.030.9657 |  | 0.9547(*df*: 8, 74) | 0.9870 |
|  |  |  |  |  |  |  |  |
| Can. Var.  | Interpretative coefficients | NDF | CP | DE | P |  |  |  |
| 1 | Standardized coefsCanonical struct | 0.07980.0531 | 0.02690.3537 | -0.2501-0.4017 | 1.05520.9791 |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 2 | Standardized coefsCanonical struct | 0.1343-0.2362 | -0.8098-0.5083 | 1.18470.5928 | 0.73280.1511 |  |  |  |
| 1 Forb species: cardinal flower, tropical Mexican clover, Indian blanket, lazy daisy, partridge pea, naked Mexican hat, Texas senna, Lindheimer’s sida, American snoutbean, soldier weed, widow’s tear |
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| Supplemental Table S4. *Top*: univariate (*F*, *df*, *P > F*) and multivariate (Wilk’s λ, *df*, *P* > *F*) tests of location, year, and location × year effects on diet quality components neutral detergent fiber (NDF), crude protein (CP), digestible energy (DE), and phosphorus (P) for browse1 during period 1 (first two weeks of April). *Bottom*: for the location test, standardized canonical variate coefficients and within-location canonical structure coefficients for canonical variables 1 and 2. Analyses based on normal-score transformed data.  |
|  | Univariate Tests: |  | Multivariate tests |
| Effect |  | NDF | CP | DE | P |  | LRT | *P* > *F* |
| Location | *F*3, 23 *P > F* | 0.410.7494 | 0.410.7453 | 0.910.4516 | 0.480.6982 |  | 0.6102(*df*: 12, 53) | 0.5431 |
|  |  |  |  |  |  |  |  |  |
| Year | *F*1, 23 *P > F* | 0.820.3758 | 0.620.4384 | 2.310.1419 | 0.760.3921 |  | 0.6941(*df*: 4, 20) | 0.1053 |
|  |  |  |  |  |  |  |  |  |
| Location × Year | *F*3, 23 *P > F* | 0.240.8702 | 0.640.5961 | 0.010.9990 | 0.920.4470 |  | 0.7071(*df*: 12, 53) | 0.8153 |
|  |  |  |  |  |  |  |  |
| Can. Var.  | Interpretative coefficients | NDF | CP | DE | P |  |  |  |
| 1 | Standardized coefsCanonical struct | -0.8493-0.3237 | -0.6735-0.1841 | 1.10980.4987 | -0.06180.0362 |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 2 | Standardized coefsCanonical struct | -0.0591-0.2342 | -0.7229-0.2000 | -0.3941-0.2758 | 1.16000.6029 |  |  |  |
| 1/ Browse: brasil, spiny hackberry, huisache, lime pricklyash, Texas prickly pear |
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| Supplemental Table S5. *Top*: univariate (*F*, *df*, *P > F*) and multivariate (Wilk’s λ, *df*, *P* > *F*) tests of location, year, and location × year effects on diet quality components neutral detergent fiber (NDF), crude protein (CP), digestible energy (DE), and phosphorus (P) for browse1 during period 2 (late May to early June). *Bottom*: for the location test, standardized canonical variate coefficients and within-location canonical structure coefficients for canonical variables 1 and 2. Analyses based on normal-score transformed data.  |
|  | Univariate Tests: |  | Multivariate tests |
| Effect |  | NDF | CP | DE | P |  | LRT | *P* > *F* |
| Location | *F*3, 25 *P > F* | 0.200.8924 | 0.960.4248 | 0.540.6603 | 0.470.7068 |  | 0.7191(*df*: 12, 58) | 0.7932 |
|  |  |  |  |  |  |  |  |  |
| Year | *F*1, 25 *P > F* | 1.960.1736 | 9.310.0053 | 2.300.1422 | 5.740.0244 |  | 0.8674(*df*: 4, 79) | 0.0226 |
|  |  |  |  |  |  |  |  |  |
| Location × Year | *F*3, 25 *P > F* | 0.120.9495 | 0.020.9948 | 0.150.9319 | 0.120.9447 |  | 0.9036(*df*: 2, 81) | 0.7685 |
|  |  |  |  |  |  |  |  |
| Can. Var.  | Interpretative coefficients | NDF | CP | DE | P |  |  |  |
| 1 | Standardized coefsCanonical struct | -0.2112-0.3093 | 1.11970.3608 | 0.93480.5193 | -1.1203-0.0417 |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 2 | Standardized coefsCanonical struct | 0.54310.1823 | 1.20630.8458 | -0.4117-0.1865 | -0.21250.5836 |  |  |  |
| 2 Browse: brasil, spiny hackberry, huisache, lime pricklyash, mesquite |
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| Supplemental Table S6. *Top*: univariate (*F*, *df*, *P > F*) and multivariate (Wilk’s λ, *df*, *P* > *F*) tests of location, year, and location × year effects on diet quality components neutral detergent fiber (NDF), crude protein (CP), digestible energy (DE), and phosphorus (P) for browse1 during period 3 (late July to early August). *Bottom*: for the location test, standardized canonical variate coefficients and within-location canonical structure coefficients for canonical variables 1 and 2. Analyses based on normal-score transformed data.  |
|  | Univariate Tests: |  | Multivariate tests |
| Effect |  | NDF | CP | DE | P |  | LRT | *P* > *F* |
| Location | *F*3, 27 *P > F* | 0.010.9988 | 1.620.2068 | 0.550.6541 | 0.960.4263 |  | 0.6750(*df*: 12, 64) | 0.5988 |
|  |  |  |  |  |  |  |  |  |
| Year | *F*1, 27 *P > F* | 0.100.7503 | 0.260.6166 | 2.930.0986 | 2.610.1175 |  | 0.8338(*df*: 4, 70) | 0.0118 |
|  |  |  |  |  |  |  |  |  |
| Location × Year | *F*3, 27 *P > F* | 0.680.5695 | 0.350.7924 | 0.280.8363 | 0.670.5797 |  | 0.9167(*df*: 12, 185) | 0.9022 |
|  |  |  |  |  |  |  |  |
| Can. Var.  | Interpretative coefficients | NDF | CP | DE | P |  |  |  |
| 1 | Standardized coefsCanonical struct | -0.47570.0046 | 1.03350.8391 | -0.66490.0257 | 0.32270.4517 |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 2 | Standardized coefsCanonical struct | -0.2498-0.0614 | -0.60600.0270 | 0.71930.3949 | 1.11430.6486 |  |  |  |
| 2 Browse: brasil, spiny hackberry, huisache, lime pricklyash, mesquite |
|  |  |  |  |  |  |  |  |