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| S4 Table. Multicollinearity results for management and landscape variables in the full third order resource selection analysis evaluating habitat selection within the home range for sharp-tailed grouse during the breeding seasons of 2016–2018. |
|  | **%****Grassland** | **% Wooded draws** | **% Agriculture** | **Edge density** | **Dist. to oil pad** | **Dist. to road** | **Stocking rate (current)** |
| **% Wooded draws** | -0.54 |  |  |  |  |  |  |
| **%****Agriculture** | -0.72 | 0.17 |  |  |  |  |  |
| **Edge density** | -0.64 | 0.62 | 0.25 |  |  |  |  |
| **Dist. to oil pad** | -0.55 | 0.21 | 0.48 | 0.11 |  |  |  |
| **Dist. to road** | 0.48 | -0.19 | -0.36 | -0.06 | -0.35 |  |  |
| **Stocking rate (current)** | -0.08 | -0.02 | -0.05 | 0.08 | -0.02 | -0.01 |  |
| **Stocking rate (previous)** | 0.11 | -0.07 | -0.11 | -0.09 | -0.14 | 0.11 | 0.47 |