| Explanatory variable | Pierre Shale Plains | Pine Ridge Escarpment | White River Badlands | Black Hills Plateau | Keya Paha Tablelands | Sand Hills |
| --- | --- | --- | --- | --- | --- | --- |
| Intercept | -1.25 | -0.85 | -0.50 | 0.07 | 0.54 | 1.38 |
| drain\_density | 0.54 | 0.00 | 0.00 | 0.00 | -0.00 | -0.93 |
| outlet\_elev | -1.36 | -0.15 | 0.00 | 0.98 | -0.08 | -0.57 |
| field\_capacity | -0.66 | -0.17 | -0.07 | 0.01 | -0.30 | 0.47 |
| area | 0.78 | 0.29 | 0.00 | -0.24 | 0.08 | 0.46 |
| spring | 0.28 | 0.46 | 0.42 | 0.00 | 0.35 | 0.29 |
| slope | -0.88 | 0.00 | -0.01 | -0.33 | 0.04 | 0.17 |
| summer | 0.48 | 0.44 | 0.68 | 0.17 | 0.25 | 0.16 |
| TWI | -0.99 | 0.23 | 0.00 | 0.00 | 0.00 | -0.05 |
| July\_temp | -0.28 | 0.11 | 0.07 | 0.89 | -0.20 | 0.03 |