

## bear spring

|            | term        | estimate | std.error | statistic | p.value | vif   |
|------------|-------------|----------|-----------|-----------|---------|-------|
|            | (Intercept) | -2.7921  | 0.0663    | -42.105   | 0.0000  | NA    |
| Anthro     | Anthro      | 0.4456   | 0.1177    | 3.786     | 0.0002  | 1.416 |
| Broadleaf  | Broadleaf   | 0.8995   | 0.1569    | 5.732     | 0.0000  | 1.246 |
| Conifer    | Conifer     | 2.1623   | 0.0604    | 35.801    | 0.0000  | 3.968 |
| Lichen     | Lichen      | 1.4398   | 0.0661    | 21.792    | 0.0000  | 4.744 |
| LinearDist | LinearDist  | 0.2118   | 0.0056    | 37.982    | 0.0000  | 1.184 |
| MixedWood  | MixedWood   | 1.7174   | 0.0758    | 22.644    | 0.0000  | 2.320 |
| Rocky      | Rocky       | 0.2813   | 0.1259    | 2.234     | 0.0255  | 1.354 |
| Ruggedness | Ruggedness  | 0.0119   | 0.0015    | 8.016     | 0.0000  | 1.218 |
| Scrub      | Scrub       | 0.8704   | 0.0612    | 14.225    | 0.0000  | 4.638 |
| WaterDist  | WaterDist   | -0.1761  | 0.0065    | -26.939   | 0.0000  | 1.433 |

| Coefficient | Estimate                | RSquared |
|-------------|-------------------------|----------|
| (Intercept) | -2.792 [-2.922, -2.662] | 0.0714   |
| Anthro      | 0.446 [0.215, 0.676]    | 0.0714   |
| Broadleaf   | 0.9 [0.592, 1.207]      | 0.0714   |
| Conifer     | 2.162 [2.044, 2.281]    | 0.0714   |
| Lichen      | 1.44 [1.31, 1.569]      | 0.0714   |
| LinearDist  | 0.212 [0.201, 0.223]    | 0.0714   |
| MixedWood   | 1.717 [1.569, 1.866]    | 0.0714   |
| Rocky       | 0.281 [0.035, 0.528]    | 0.0714   |
| Ruggedness  | 0.012 [0.009, 0.015]    | 0.0714   |
| Scrub       | 0.87 [0.75, 0.99]       | 0.0714   |
| WaterDist   | -0.176 [-0.189, -0.163] | 0.0714   |

## caribou spring

|            | term        | estimate | std.error | statistic | p.value | vif   |
|------------|-------------|----------|-----------|-----------|---------|-------|
|            | (Intercept) | -0.4397  | 0.0681    | -6.454    | 0       | NA    |
| Anthro     | Anthro      | -2.7886  | 0.1323    | -21.075   | 0       | 1.318 |
| Broadleaf  | Broadleaf   | -14.4454 | 0.7623    | -18.950   | 0       | 1.069 |
| Conifer    | Conifer     | -1.0261  | 0.0593    | -17.302   | 0       | 2.885 |
| Lichen     | Lichen      | -2.3152  | 0.0665    | -34.830   | 0       | 3.990 |
| LinearDist | LinearDist  | 0.2345   | 0.0055    | 42.647    | 0       | 1.168 |
| MixedWood  | MixedWood   | -3.5383  | 0.1087    | -32.560   | 0       | 1.320 |
| Rocky      | Rocky       | 1.1562   | 0.1035    | 11.169    | 0       | 1.425 |
| Ruggedness | Ruggedness  | -0.0826  | 0.0026    | -31.529   | 0       | 1.061 |
| Scrub      | Scrub       | -1.7210  | 0.0580    | -29.680   | 0       | 3.986 |
| WaterDist  | WaterDist   | 0.1054   | 0.0069    | 15.325    | 0       | 1.307 |

| Coefficient | Estimate                  | RSquared |
|-------------|---------------------------|----------|
| (Intercept) | -0.44 [-0.573, -0.306]    | 0.1688   |
| Anthro      | -2.789 [-3.048, -2.529]   | 0.1688   |
| Broadleaf   | -14.445 [-15.94, -12.951] | 0.1688   |
| Conifer     | -1.026 [-1.142, -0.91]    | 0.1688   |
| Lichen      | -2.315 [-2.445, -2.185]   | 0.1688   |
| LinearDist  | 0.234 [0.224, 0.245]      | 0.1688   |
| MixedWood   | -3.538 [-3.751, -3.325]   | 0.1688   |
| Rocky       | 1.156 [0.953, 1.359]      | 0.1688   |
| Ruggedness  | -0.083 [-0.088, -0.077]   | 0.1688   |
| Scrub       | -1.721 [-1.835, -1.607]   | 0.1688   |
| WaterDist   | 0.105 [0.092, 0.119]      | 0.1688   |

## caribou winter

|            | term        | estimate  | std.error | statistic | p.value | vif   |
|------------|-------------|-----------|-----------|-----------|---------|-------|
|            | (Intercept) | 0.5319    | 0.1092    | 4.8689    | 0.0000  | NA    |
| Anthro     | Anthro      | -376.2992 | 1572.4060 | -0.2393   | 0.8109  | 1.000 |
| Broadleaf  | Broadleaf   | -31.3310  | 2.9556    | -10.6004  | 0.0000  | 1.015 |
| Conifer    | Conifer     | -6.4843   | 0.1526    | -42.4889  | 0.0000  | 1.390 |
| Lichen     | Lichen      | 1.1473    | 0.0864    | 13.2817   | 0.0000  | 3.668 |
| LinearDist | LinearDist  | 0.1443    | 0.0098    | 14.7752   | 0.0000  | 1.017 |
| MixedWood  | MixedWood   | -13.5674  | 0.6545    | -20.7280  | 0.0000  | 1.038 |
| Rocky      | Rocky       | 0.7212    | 0.1171    | 6.1602    | 0.0000  | 1.699 |
| Ruggedness | Ruggedness  | -0.0548   | 0.0037    | -14.7161  | 0.0000  | 1.070 |
| Scrub      | Scrub       | -3.4132   | 0.0873    | -39.1043  | 0.0000  | 3.307 |
| WaterDist  | WaterDist   | -0.1441   | 0.0113    | -12.7395  | 0.0000  | 1.209 |

| Coefficient | Estimate                       | RSquared |
|-------------|--------------------------------|----------|
| (Intercept) | 0.532 [0.318, 0.746]           | 0.6033   |
| Anthro      | -376.299 [-3458.215, 2705.616] | 0.6033   |
| Broadleaf   | -31.331 [-37.124, -25.538]     | 0.6033   |
| Conifer     | -6.484 [-6.783, -6.185]        | 0.6033   |
| Lichen      | 1.147 [0.978, 1.317]           | 0.6033   |
| LinearDist  | 0.144 [0.125, 0.163]           | 0.6033   |
| MixedWood   | -13.567 [-14.85, -12.285]      | 0.6033   |
| Rocky       | 0.721 [0.492, 0.951]           | 0.6033   |
| Ruggedness  | -0.055 [-0.062, -0.048]        | 0.6033   |
| Scrub       | -3.413 [-3.584, -3.242]        | 0.6033   |
| WaterDist   | -0.144 [-0.166, -0.122]        | 0.6033   |

## wolf spring

|               | term          | estimate | std.error | statistic | p.value | vif   |
|---------------|---------------|----------|-----------|-----------|---------|-------|
|               | (Intercept)   | -1.5549  | 0.0445    | -34.903   | 0       | NA    |
| Bog           | Bog           | -0.5347  | 0.1011    | -5.291    | 0       | 1.022 |
| Coniferous    | Coniferous    | -2.4640  | 0.1101    | -22.386   | 0       | 1.033 |
| LinFeat_Dist  | LinFeat_Dist  | -0.1722  | 0.0049    | -34.986   | 0       | 1.042 |
| Marsh         | Marsh         | 1.5616   | 0.0242    | 64.427    | 0       | 1.232 |
| Mixedwood     | Mixedwood     | -0.2469  | 0.0271    | -9.104    | 0       | 1.182 |
| Opendeciduous | Opendeciduous | -0.4284  | 0.0781    | -5.488    | 0       | 1.022 |
| Ruggedness    | Ruggedness    | 0.0367   | 0.0033    | 11.190    | 0       | 1.142 |
| Water_Dist    | Water_Dist    | -0.0214  | 0.0052    | -4.155    | 0       | 1.149 |

| Coefficient   | Estimate                | RSquared |
|---------------|-------------------------|----------|
| (Intercept)   | -1.555 [-1.642, -1.468] | 0.0741   |
| Bog           | -0.535 [-0.733, -0.337] | 0.0741   |
| Coniferous    | -2.464 [-2.68, -2.248]  | 0.0741   |
| LinFeat_Dist  | -0.172 [-0.182, -0.163] | 0.0741   |
| Marsh         | 1.562 [1.514, 1.609]    | 0.0741   |
| Mixedwood     | -0.247 [-0.3, -0.194]   | 0.0741   |
| Opendeciduous | -0.428 [-0.581, -0.275] | 0.0741   |
| Ruggedness    | 0.037 [0.03, 0.043]     | 0.0741   |
| Water_Dist    | -0.021 [-0.031, -0.011] | 0.0741   |

## wolf winter

|               | term          | estimate | std.error | statistic | p.value | vif   |
|---------------|---------------|----------|-----------|-----------|---------|-------|
|               | (Intercept)   | -1.8828  | 0.0494    | -38.132   | 0.0000  | NA    |
| Bog           | Bog           | -0.6952  | 0.0960    | -7.243    | 0.0000  | 1.019 |
| Coniferous    | Coniferous    | -0.4059  | 0.0612    | -6.630    | 0.0000  | 1.031 |
| LinFeat_Dist  | LinFeat_Dist  | -0.1567  | 0.0051    | -31.021   | 0.0000  | 1.037 |
| Marsh         | Marsh         | 0.0298   | 0.0312    | 0.956     | 0.3391  | 1.143 |
| Mixedwood     | Mixedwood     | -0.4328  | 0.0258    | -16.753   | 0.0000  | 1.109 |
| Opendeciduous | Opendeciduous | -0.0648  | 0.0653    | -0.991    | 0.3217  | 1.021 |
| Ruggedness    | Ruggedness    | 0.0294   | 0.0032    | 9.332     | 0.0000  | 1.095 |
| Water_Dist    | Water_Dist    | 0.0591   | 0.0060    | 9.905     | 0.0000  | 1.144 |

| Coefficient   | Estimate                | RSquared |
|---------------|-------------------------|----------|
| (Intercept)   | -1.882 [-1.979, -1.785] | 0.019    |
| Bog           | -0.696 [-0.884, -0.508] | 0.019    |
| Coniferous    | -0.406 [-0.526, -0.286] | 0.019    |
| LinFeat_Dist  | -0.157 [-0.167, -0.147] | 0.019    |
| Marsh         | 0.029 [-0.032, 0.091]   | 0.019    |
| Mixedwood     | -0.433 [-0.484, -0.383] | 0.019    |
| Opendeciduous | -0.064 [-0.192, 0.064]  | 0.019    |
| Ruggedness    | 0.029 [0.023, 0.036]    | 0.019    |
| Water_Dist    | 0.059 [0.047, 0.071]    | 0.019    |