|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | PC1 | PC2 | PC3 | PC4 | PC5 | PC6 |
| *Variance explained* | *0.3537* | *0.1908* | *0.1844* | *0.1308* | *0.0646* | *0.0407* |
| Fire | 0.1685 | -0.2561 | **-0.4674** | -0.0206 | **0.6446** | **-0.5002** |
| Bunchgrass | -0.0480 | -0.1191 | **0.5809** | **0.4372** | -0.0541 | -0.4614 |
| Bunchgrass with forest | 0.3737 | **-0.4339** | 0.1823 | 0.0805 | -0.021 | -0.0235 |
| Forest with bunchgrass | 0.4262 | -0.1623 | -0.123 | -0.3834 | -0.2705 | 0.1015 |
| Forest  | -0.0038 | 0.4236 | -0.4638 | 0.2998 | -0.3837 | -0.3426 |
| Cultivated area | **-0.4749** | -0.1933 | 0.0017 | -0.0008 | 0.3187 | **0.3530** |
| Bare soil | 0.1920 | **0.5441** | 0.2131 | 0.1758 | **0.4760** | 0.1067 |
| Scrub | 0.2550 | 0.4335 | 0.2220 | -0.4327 | 0.1679 | -0.0271 |
| Diversity | **0.4822** | -0.0685 | 0.1421 | 0.1347 | 0.0178 | 0.0549 |
| Distance between plots | -0.2969 | 0.0114 | 0.2563 | **-0.5734** | -0.0641 | -0.5186 |