Table 3. Landscape metrics

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| Landscape Index | Category | Ecological meaning |
| AREA\_MN | Density Indicators | Indicates the number and area of patches within the landscape, which can reflect the degree of habitat crowding and has a strong positive correlation with the degree of landscape fragmentation |
| PD |
| LPI | Edge Indicator | Reflects the degree of edge mosaic of different patches, which affects species migration and leapfrogging, and has a large impact on species dispersal |
| ED |
| CONTAG |
| FRAC\_AM | Shape Indicator | Reflects the complexity of habitat pattern, the complexity of patch shape has influence on many ecological processes, and is closely related to human activities disturbance |
| LSI |
| SHAPE\_AM |
| SHDI | Diversity Indicators | Reflects the diversity of habitat patches in a region, and has an impact on the selection of habitat for many species. |
| SHEI |