**Table 6.** The factor loading matrix after rotation.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Main factors | Serial number | Evaluation project | Factor loading values | | | |
| Factor 1 | Factor 2 | Factor 3 | Factor 4 |
| landscape facility quality characteristics factor | E6 | comfort level | 0.792 |  |  |  |
| E7 | interaction degree | 0.773 |  |  |  |
| E4 | facility scale | 0.772 |  |  |  |
| E5 | practical degree | 0.730 |  |  |  |
| E3 | facility quality | 0.659 |  |  |  |
| E8 | safety degree | 0.657 |  |  |  |
| landscape facility place perception factor | E11 | viewing quality |  | 0.806 |  |  |
| E12 | water - friendly degree |  | 0.734 |  |  |
| E10 | space privacy |  | 0.635 |  |  |
| E13 | sanitation degree |  | 0.581 |  |  |
| E15 | night view effect |  | 0.507 |  |  |
| landscape facility spatial configuration factor | E9 | completeness of supporting facilities |  |  | 0.789 |  |
| E1 | number of facilities |  |  | 0.724 |  |
| E2 | location of facilities |  |  | 0.659 |  |
| landscape facility cultural expression factor | E17 | cultural characteristics |  |  |  | 0.829 |
| E16 | shape perception |  |  |  | 0.735 |
| E14 | color performance |  |  |  | 0.722 |