|  |  |
| --- | --- |
| 熵权法权重 | |
| X1 | 0.025715 |
| X2 | 0.027849 |
| X3 | 0.016109 |
| X4 | 0.212281 |
| X5 | 0.056274 |
| X6 | 0.032895 |
| X7 | 0.036161 |
| X8 | 0.037516 |
| X9 | 0.007308 |
| X10 | 0.045387 |
| X11 | 0.025521 |
| X12 | 0.476985 |

|  |  |  |  |
| --- | --- | --- | --- |
| 正理想解 | 负理想解 | 综合得分 | 排序 |
| 0.47909 | 0.048882 | 0.092584 | 51 |
| 0.4721 | 0.047042 | 0.090615 | 52 |
| 0.463427 | 0.057774 | 0.110848 | 38 |
| 0.449996 | 0.0758 | 0.144162 | 14 |
| 0.476464 | 0.053206 | 0.100452 | 47 |
| 0.480653 | 0.072707 | 0.131392 | 20 |
| 0.475358 | 0.06641 | 0.12258 | 26 |
| 0.469005 | 0.082015 | 0.148842 | 10 |
| 0.460775 | 0.099242 | 0.177213 | 5 |
| 0.47931 | 0.072368 | 0.131177 | 21 |
| 0.478908 | 0.059083 | 0.109822 | 39 |
| 0.474525 | 0.054876 | 0.103656 | 45 |
| 0.470207 | 0.062758 | 0.117753 | 30 |
| 0.466284 | 0.072508 | 0.134576 | 18 |
| 0.477593 | 0.061143 | 0.113493 | 35 |
| 0.476068 | 0.053491 | 0.10101 | 46 |
| 0.473228 | 0.052388 | 0.09967 | 48 |
| 0.466783 | 0.060087 | 0.114044 | 34 |
| 0.47963 | 0.055878 | 0.104346 | 43 |
| 0.474155 | 0.051718 | 0.098348 | 49 |
| 0.46805 | 0.063729 | 0.119841 | 28 |
| 0.45816 | 0.084218 | 0.155275 | 7 |
| 0.449588 | 0.095142 | 0.174659 | 6 |
| 0.475515 | 0.060458 | 0.1128 | 36 |
| 0.446163 | 0.068484 | 0.133069 | 19 |
| 0.165509 | 0.451104 | 0.731584 | 1 |
| 0.470295 | 0.054863 | 0.10447 | 42 |
| 0.467345 | 0.077796 | 0.142708 | 15 |
| 0.476132 | 0.064286 | 0.118956 | 29 |
| 0.463293 | 0.084472 | 0.154212 | 9 |
| 0.454877 | 0.106963 | 0.190379 | 4 |
| 0.448887 | 0.16617 | 0.27017 | 2 |
| 0.472118 | 0.081595 | 0.14736 | 12 |
| 0.478398 | 0.06163 | 0.114124 | 33 |
| 0.474888 | 0.058431 | 0.109561 | 40 |
| 0.470528 | 0.061947 | 0.116338 | 31 |
| 0.467419 | 0.066673 | 0.124835 | 24 |
| 0.476427 | 0.067491 | 0.124083 | 25 |
| 0.476888 | 0.081835 | 0.146467 | 13 |
| 0.47268 | 0.067792 | 0.125431 | 23 |
| 0.468389 | 0.068552 | 0.127671 | 22 |
| 0.468338 | 0.065326 | 0.12241 | 27 |
| 0.474804 | 0.078152 | 0.141335 | 16 |
| 0.477002 | 0.082801 | 0.147911 | 11 |
| 0.475135 | 0.086812 | 0.154484 | 8 |
| 0.473327 | 0.074518 | 0.136021 | 17 |
| 0.470987 | 0.060981 | 0.114632 | 32 |
| 0.478537 | 0.055987 | 0.104741 | 41 |
| 0.467634 | 0.054205 | 0.103873 | 44 |
| 0.462163 | 0.058279 | 0.11198 | 37 |
| 0.393464 | 0.112258 | 0.221975 | 3 |
| 0.475756 | 0.049649 | 0.094496 | 50 |

主成分分析结果

|  |  |  |  |
| --- | --- | --- | --- |
| 元件 | 特征根 | 方差贡献率%） | 累积贡献率%） |
| 1 | 3.00319478 | **26.78%** | **26.78%** |
| 2 | 2.45622009 | 21.90% | 48.68% |
| 3 | 1.53282549 | 13.67% | 62.34% |
| 4 | 0.98144257 | 8.75% | 71.09% |
| 5 | 0.78081391 | 6.96% | 78.06% |
| 6 | 0.74681556 | 6.66% | 84.71% |
| 7 | 0.55958789 | 4.99% | 89.70% |