附表1新村矿床沥青铀矿电子探针分析结果（wt/%）

Table 1 Electron microprobe analysis of pitchblende from Xincun deposit (wt /%)

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 矿物 | 测点 | Na2O | K2O | CaO | SiO2 | FeO | Al2O3 | P2O5 | MnO | La2O3 | Ce2O3 |
| 沥青铀矿 | 1 | 0.33 | 0.13 | 6.32 | 0.92 | 0.33 | / | / | 0.92 | / | / |
| 沥青铀矿 | 2 | 0.21 | 0.15 | 6.49 | 1.09 | 0.41 | 0.10 | 0.08 | 0.99 | 0.08 | 0.21 |
| 沥青铀矿 | 3 | 0.25 | 0.16 | 6.24 | 0.92 | 0.32 | / | 0.08 | 0.91 | 0.09 | / |
| 沥青铀矿 | 4 | 0.32 | 0.13 | 6.67 | 1.03 | 0.31 | 0.02 | / | 0.89 | 0.12 | / |
| 沥青铀矿 | 5 | 0.28 | 0.14 | 6.71 | 1.02 | 0.34 | 0.03 | 0.19 | 0.75 | / | 0.15 |
| 沥青铀矿 | 6 | 0.31 | 0.17 | 6.65 | 0.95 | 0.36 | / | / | 0.75 | / | 0.07 |
| 沥青铀矿 | 7 | 0.31 | 0.17 | 6.93 | 0.98 | 0.36 | 0.09 | / | 0.80 | 0.07 | 0.12 |
| 沥青铀矿 | 8 | 0.37 | 0.15 | 6.52 | 1.04 | 0.34 | / | 0.09 | 0.94 | / | 0.24 |
| 沥青铀矿 | 9 | 0.29 | 0.18 | 6.85 | 0.90 | 0.37 | 0.04 | / | 0.94 | / | 0.29 |
| 沥青铀矿 | 10 | 0.35 | 0.14 | 6.84 | 0.91 | 0.39 | / | 0.16 | 0.87 | 0.09 | 0.21 |
| 沥青铀矿 | 11 | 0.22 | 0.13 | 6.57 | 1.03 | 0.34 | / | 0.10 | 0.85 | / | 0.10 |
| 沥青铀矿 | 12 | 0.35 | 0.21 | 6.33 | 0.96 | 0.33 | 0.06 | / | 0.87 | 0.18 | 0.13 |
| 沥青铀矿 | 13 | 0.28 | 0.18 | 6.59 | 0.94 | 0.42 | 0.05 | / | 0.91 | / | 0.13 |
| 沥青铀矿 | 14 | 0.23 | 0.12 | 6.63 | 0.93 | 0.31 | 0.07 | / | 0.92 | / | / |
| 沥青铀矿 | 15 | 0.35 | 0.16 | 6.84 | 0.85 | 0.39 | 0.06 | / | 0.90 | 0.10 | 0.08 |
| 沥青铀矿 | 16 | 0.29 | 0.08 | 7.16 | 0.88 | 0.36 | 0.05 | 0.12 | 1.08 | / | 0.07 |
| 沥青铀矿 | 17 | 0.30 | 0.14 | 6.60 | 0.99 | 0.36 | 0.06 | 0.09 | 0.83 | / | / |
| 沥青铀矿 | 18 | 0.38 | 0.13 | 6.43 | 1.03 | 0.35 | 0.05 | 0.08 | 0.73 | 0.08 | 0.11 |
| 沥青铀矿 | 19 | 0.27 | 0.15 | 6.63 | 0.83 | 0.31 | 0.04 | 0.08 | 0.89 | 0.07 | 0.18 |
| 沥青铀矿 | 20 | 0.30 | 0.17 | 6.84 | 1.13 | 0.33 | 0.09 | / | 0.84 | / | 0.09 |
| 沥青铀矿 | 21 | 0.25 | 0.17 | 6.95 | 0.98 | 0.41 | 0.04 | 0.05 | 1.06 | / | 0.12 |
| 沥青铀矿 | 22 | 0.18 | 0.14 | 6.42 | 1.07 | 0.42 | 0.05 | / | 1.02 | / | / |
| 沥青铀矿 | 23 | 0.48 | 0.16 | 6.00 | 1.08 | 0.33 | / | / | 0.85 | 0.24 | 0.10 |
| 沥青铀矿 | 24 | 0.34 | 0.14 | 5.45 | 1.13 | 0.25 | 0.05 | / | 0.88 | / | 0.08 |
| 沥青铀矿 | 25 | 0.29 | 0.13 | 6.37 | 1.12 | 0.37 | 0.08 | 0.08 | 0.92 | / | 0.22 |
| 沥青铀矿 | Line1 | 0.26 | 0.09 | 7.03 | 0.93 | 0.28 | 0.03 | 0.10 | 0.92 | / | 0.09 |
| 沥青铀矿 | Line2 | 0.23 | 0.10 | 6.88 | 0.81 | 0.30 | 0.05 | 0.07 | 0.91 | / | 0.14 |
| 沥青铀矿 | Line3 | 0.26 | 0.16 | 6.95 | 0.89 | 0.33 | 0.07 | / | 1.14 | 0.11 | / |
| 沥青铀矿 | Line4 | 0.26 | 0.09 | 6.92 | 0.92 | 0.33 | 0.07 | 0.11 | 0.74 | / | 0.17 |
| 沥青铀矿 | Line5 | 0.31 | 0.14 | 7.23 | 0.84 | 0.32 | 0.06 | 0.10 | 0.95 | / | 0.13 |
| 沥青铀矿 | Line6 | 0.27 | 0.15 | 6.92 | 0.88 | 0.39 | 0.07 | / | 0.96 | / | / |
| 沥青铀矿 | Line7 | 0.26 | 0.14 | 6.87 | 0.86 | 0.37 | / | 0.11 | 0.97 | / | / |
| 沥青铀矿 | Line8 | 0.23 | 0.14 | 6.57 | 1.05 | 0.30 | 0.04 | / | 0.91 | / | 0.14 |
| 矿物 | 测点 | Pr2O3 | Nd2O3 | Y2O3 | WO3 | PbO | ThO2 | UO2 | 总量 | Age/Ma | 误差/Ma |
| 沥青铀矿 | 1 | / | / | / | 1.54 | 1.18 | / | 87.02 | 98.70 | 102.4 | 8.4 |
| 沥青铀矿 | 2 | / | / | 0.14 | 1.48 | 0.79 | / | 86.12 | 98.36 | 69.3 | 5.7 |
| 沥青铀矿 | 3 | / | / | / | 1.67 | 1.41 | / | 84.50 | 96.55 | 126.0 | 10.3 |
| 沥青铀矿 | 4 | / | / | 0.09 | 1.35 | 0.62 | / | 83.37 | 94.92 | 56.1 | 4.6 |
| 沥青铀矿 | 5 | / | / | 0.12 | 1.24 | 0.70 | / | 85.85 | 97.52 | 61.6 | 5.0 |
| 沥青铀矿 | 6 | / | / | / | 1.15 | 0.72 | / | 85.36 | 96.56 | 63.7 | 5.2 |
| 沥青铀矿 | 7 | 0.04 | / | / | 1.23 | 0.50 | / | 87.03 | 98.63 | 43.4 | 3.5 |
| 沥青铀矿 | 8 | / | / | 0.25 | 1.49 | 1.01 | / | 86.74 | 99.31 | 87.9 | 7.2 |
| 沥青铀矿 | 9 | 0.03 | / | / | 1.30 | 0.67 | / | 86.69 | 98.55 | 58.4 | 4.8 |
| 沥青铀矿 | 10 | / | / | / | 1.49 | 0.69 | / | 85.26 | 97.43 | 61.1 | 5.0 |
| 沥青铀矿 | 11 | / | / | / | 1.33 | 0.79 | / | 87.73 | 99.44 | 68.0 | 5.5 |
| 沥青铀矿 | 12 | 0.03 | / | 0.28 | 1.36 | 0.69 | / | 85.96 | 97.74 | 60.6 | 4.9 |
| 沥青铀矿 | 13 | 0.03 | 0.13 | / | 1.59 | 0.57 | / | 86.25 | 98.07 | 49.9 | 4.1 |
| 沥青铀矿 | 14 | / | 0.23 | 0.11 | 1.28 | 0.76 | / | 86.96 | 98.59 | 66.0 | 5.4 |
| 沥青铀矿 | 15 | / | / | / | 1.52 | 0.77 | / | 85.14 | 97.16 | 68.3 | 5.6 |
| 沥青铀矿 | 16 | / | / | / | 1.43 | 0.47 | / | 86.00 | 97.99 | 41.3 | 3.4 |
| 沥青铀矿 | 17 | / | / | / | 1.24 | 0.74 | / | 87.08 | 98.43 | 64.2 | 5.2 |
| 沥青铀矿 | 18 | / | / | / | 1.31 | 1.09 | / | 87.09 | 98.89 | 94.5 | 7.7 |
| 沥青铀矿 | 19 | / | 0.24 | / | 1.39 | 1.98 | / | 86.68 | 99.92 | 172.5 | 14.1 |
| 沥青铀矿 | 20 | / | / | 0.13 | 1.49 | 0.86 | / | 84.55 | 96.87 | 76.8 | 6.3 |
| 沥青铀矿 | 21 | / | / | 0.19 | 1.47 | 1.04 | / | 85.61 | 98.34 | 91.7 | 7.5 |
| 沥青铀矿 | 22 | / | 0.12 | / | 1.48 | 0.55 | / | 87.55 | 99.00 | 47.4 | 3.9 |
| 沥青铀矿 | 23 | 0.05 | / | / | 1.45 | 0.97 | / | 87.21 | 99.05 | 84.0 | 6.9 |
| 沥青铀矿 | 24 | / | / | / | 1.72 | 1.07 | / | 86.91 | 98.02 | 93.0 | 7.6 |
| 沥青铀矿 | 25 | / | / | / | 1.33 | 1.05 | / | 86.50 | 98.50 | 91.6 | 7.5 |
| 沥青铀矿 | Line1 | / | / | / | 1.26 | 0.80 | / | 86.44 | 98.23 | 69.9 | 5.7 |
| 沥青铀矿 | Line2 | / | / | / | 1.44 | 0.64 | / | 86.19 | 97.80 | 56.1 | 4.6 |
| 沥青铀矿 | Line3 | / | / | / | 1.61 | 0.67 | / | 85.71 | 97.90 | 59.0 | 4.8 |
| 沥青铀矿 | Line4 | / | / | / | 1.40 | 0.44 | / | 85.91 | 97.36 | 38.7 | 3.2 |
| 沥青铀矿 | Line5 | / | / | / | 1.28 | 0.50 | / | 85.18 | 97.04 | 44.3 | 3.6 |
| 沥青铀矿 | Line6 | / | / | / | 1.36 | 0.69 | / | 85.18 | 96.87 | 61.2 | 5.0 |
| 沥青铀矿 | Line7 | / | / | / | 1.73 | 0.36 | / | 86.99 | 98.66 | 31.2 | 2.6 |
| 沥青铀矿 | Line8 | 0.03 | / | / | 1.19 | 1.63 | / | 83.49 | 96.89 | 147.4 | 12.0 |

附表2新村铀矿床沥青铀矿LA-ICP-MS U-Pb同位素组成

Table 2 LA-ICP-MS U-Pb isotope compositions of pitchblende from the Xincun uranium deposit

| 测点号 | 同位素比值及误差 | | | | | | 年龄及误差/Ma | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 207Pb/206Pb | 1σ | 207Pb/235U | 1σ | 206Pb/238U | 1σ | 207Pb/206Pb | 1σ | 207Pb/235U | 1σ | 206Pb/238U | 1σ |
| 1 | 0.1763 | 0.0026 | 0.2724 | 0.0076 | 0.0110 | 0.0002 | 2618 | 24.2 | 245 | 6.1 | 70.7 | 1.2 |
| 2 | 0.2239 | 0.0036 | 0.3766 | 0.0127 | 0.0119 | 0.0002 | 3009 | 25.9 | 325 | 9.4 | 76.5 | 1.4 |
| 3 | 0.1699 | 0.0033 | 0.2498 | 0.0041 | 0.0107 | 0.0001 | 2567 | 32.1 | 226 | 3.3 | 68.9 | 0.7 |
| 4 | 0.2038 | 0.0074 | 0.3342 | 0.0194 | 0.0112 | 0.0002 | 2856 | 59.3 | 293 | 14.8 | 71.8 | 1.6 |
| 5 | 0.2372 | 0.0134 | 0.5039 | 0.0498 | 0.0128 | 0.0006 | 3102 | 89.8 | 414 | 33.6 | 81.9 | 3.5 |
| 6 | 0.1824 | 0.0017 | 0.2703 | 0.0041 | 0.0108 | 0.0001 | 2675 | 14.7 | 243 | 3.3 | 69.0 | 0.9 |
| 7 | 0.2013 | 0.0031 | 0.3089 | 0.0071 | 0.0111 | 0.0002 | 2837 | 25.6 | 273 | 5.5 | 71.0 | 1.0 |
| 8 | 0.2685 | 0.0080 | 0.4976 | 0.0224 | 0.0130 | 0.0003 | 3297 | 46.6 | 410 | 15.2 | 83.0 | 1.6 |
| 9 | 0.1935 | 0.0018 | 0.2926 | 0.0035 | 0.0110 | 0.0001 | 2772 | 15.1 | 261 | 2.8 | 70.5 | 0.7 |
| 10 | 0.1847 | 0.0030 | 0.2809 | 0.0100 | 0.0108 | 0.0002 | 2695 | 26.9 | 251 | 7.9 | 69.4 | 1.3 |
| 11 | 0.2342 | 0.0080 | 0.4172 | 0.0249 | 0.0121 | 0.0003 | 3081 | 54.9 | 354 | 17.8 | 77.2 | 1.9 |
| 12 | 0.1763 | 0.0013 | 0.2625 | 0.0032 | 0.0108 | 0.0001 | 2618 | 12.8 | 237 | 2.6 | 69.3 | 0.8 |
| 13 | 0.1712 | 0.0036 | 0.2542 | 0.0082 | 0.0106 | 0.0002 | 2569 | 2.8 | 230 | 6.6 | 68.1 | 1.0 |
| 14 | 0.2801 | 0.0141 | 0.6574 | 0.0626 | 0.0144 | 0.0006 | 3365 | 78.7 | 513 | 38.3 | 91.9 | 4.0 |
| 15 | 0.2027 | 0.0019 | 0.3224 | 0.0069 | 0.0115 | 0.0002 | 2850 | 15.9 | 284 | 5.3 | 73.5 | 1.1 |
| 16 | 0.2172 | 0.0031 | 0.3365 | 0.0062 | 0.0112 | 0.0001 | 2961 | 23.2 | 295 | 4.7 | 72.0 | 0.8 |
| 17 | 0.1961 | 0.0027 | 0.2930 | 0.0070 | 0.0108 | 0.0002 | 2794 | 22.4 | 261 | 5.5 | 69.1 | 1.0 |
| 18 | 0.2346 | 0.0075 | 0.3972 | 0.0206 | 0.0117 | 0.0003 | 3084 | 56.3 | 340 | 15.0 | 74.8 | 1.6 |
| 19 | 0.2164 | 0.0050 | 0.3473 | 0.0100 | 0.0116 | 0.0001 | 2954 | 37.3 | 303 | 7.6 | 74.0 | 0.9 |
| 20 | 0.2402 | 0.0093 | 0.4380 | 0.0275 | 0.0124 | 0.0004 | 3121 | 62.5 | 369 | 19.4 | 79.4 | 2.3 |
| 21 | 0.2828 | 0.0046 | 0.5421 | 0.0198 | 0.0135 | 0.0003 | 3389 | 25.5 | 440 | 13.1 | 86.7 | 1.9 |
| 22 | 0.1976 | 0.0039 | 0.3052 | 0.0068 | 0.0112 | 0.0001 | 2806 | 32.4 | 270 | 5.3 | 71.7 | 0.8 |
| 23 | 0.2736 | 0.0106 | 0.5791 | 0.0381 | 0.0139 | 0.0005 | 3327 | 60.8 | 464 | 24.5 | 88.8 | 3.0 |
| 24 | 0.3038 | 0.0083 | 0.6033 | 0.0260 | 0.0140 | 0.0003 | 3490 | 42.4 | 479 | 16.5 | 89.9 | 2.1 |
| 25 | 0.1712 | 0.0022 | 0.2468 | 0.0033 | 0.0105 | 0.0001 | 2569 | 21.6 | 224 | 2.7 | 67.2 | 0.6 |
| 26 | 0.1892 | 0.0032 | 0.2818 | 0.0060 | 0.0108 | 0.0001 | 2736 | 28.9 | 252 | 4.7 | 69.2 | 0.8 |
| 27 | 0.2348 | 0.0109 | 0.4438 | 0.0366 | 0.0122 | 0.0004 | 3085 | 74.4 | 373 | 25.7 | 78.2 | 2.5 |
| 28 | 0.1832 | 0.0033 | 0.2966 | 0.0097 | 0.0116 | 0.0002 | 2683 | 35.3 | 264 | 7.6 | 74.1 | 1.4 |
| 29 | 0.1877 | 0.0019 | 0.2730 | 0.0044 | 0.0105 | 0.0001 | 2722 | 16.7 | 245 | 3.5 | 67.5 | 0.7 |
| 30 | 0.1569 | 0.0024 | 0.2186 | 0.0048 | 0.0100 | 0.0001 | 2433 | 24.8 | 201 | 4.0 | 64.4 | 0.7 |
| 31 | 0.1549 | 0.0021 | 0.2286 | 0.0052 | 0.0107 | 0.0002 | 2800 | 27.9 | 209 | 4.3 | 68.4 | 1.0 |
| 32 | 0.2339 | 0.0089 | 0.3612 | 0.0197 | 0.0108 | 0.0002 | 3079 | 60.5 | 313 | 14.7 | 69.1 | 1.1 |
| 33 | 0.1964 | 0.0021 | 0.2872 | 0.0059 | 0.0106 | 0.0001 | 2796 | 17.6 | 256 | 4.7 | 67.8 | 0.9 |
| 34 | 0.1131 | 0.0021 | 0.1390 | 0.0040 | 0.0088 | 0.0001 | 1850 | 33.3 | 132 | 3.6 | 56.7 | 0.7 |
| 35 | 0.1227 | 0.0016 | 0.1595 | 0.0032 | 0.0094 | 0.0001 | 1996 | 22.5 | 150 | 2.8 | 60.3 | 0.7 |
| 36 | 0.1365 | 0.0035 | 0.1840 | 0.0073 | 0.0096 | 0.0002 | 2183 | 44.4 | 171 | 6.3 | 61.3 | 1.0 |
| 37 | 0.2169 | 0.0065 | 0.3851 | 0.0192 | 0.0124 | 0.0003 | 2958 | 48.2 | 331 | 14.1 | 79.4 | 1.6 |
| 38 | 0.1487 | 0.0011 | 0.2123 | 0.0036 | 0.0103 | 0.0001 | 2332 | 11.9 | 195 | 3.0 | 66.1 | 0.8 |
| 39 | 0.1529 | 0.0010 | 0.1961 | 0.0022 | 0.0093 | 0.0001 | 2389 | 11.1 | 182 | 1.9 | 59.8 | 0.6 |
| 40 | 0.1482 | 0.0019 | 0.1821 | 0.0045 | 0.0088 | 0.0001 | 2326 | 22.5 | 170 | 3.8 | 56.6 | 0.8 |
| 41 | 0.2064 | 0.0046 | 0.3366 | 0.0107 | 0.0117 | 0.0002 | 2877 | 35.0 | 295 | 8.1 | 74.9 | 1.0 |

附表3新村铀矿床沥青铀矿稀土元素组成（×10-6）

Table 3 REE compositions of pitchblende from the Xincun uranium deposit (×10-6)

| 点号 | La | Ce | Pr | Nd | Sm | Eu | Gd | Tb | Dy | Ho | Er | Tm | Yb | Lu | Y | Pb | Th | U | ΣREE | LREE  /HREE | LaN/YbN | δEu | δCe |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 244 | 389 | 39.0 | 170 | 43.5 | 6.06 | 82.9 | 17.6 | 121 | 24.0 | 65.7 | 9.14 | 62.2 | 9.08 | 1071 | 14431 | 0.028 | 800738 | 1283 | 2.27 | 2.81 | 0.30 | 0.88 |
| 2 | 83.5 | 108 | 10.9 | 45.6 | 12.3 | 1.71 | 31.8 | 6.33 | 45.9 | 10.2 | 29.3 | 4.24 | 32.2 | 4.39 | 467 | 17260 | 0.44 | 787811 | 426 | 1.59 | 1.86 | 0.25 | 0.75 |
| 3 | 77.5 | 74.3 | 7.73 | 31.7 | 12.7 | 1.68 | 31.9 | 6.24 | 43.3 | 9.96 | 27.7 | 4.48 | 29.4 | 4.25 | 604 | 14380 | 0.0300 | 801772 | 363 | 1.31 | 1.89 | 0.24 | 0.59 |
| 4 | 94.5 | 88.2 | 7.98 | 33.9 | 11.1 | 1.14 | 27.8 | 5.22 | 41.0 | 9.39 | 26.3 | 3.68 | 24.4 | 4.19 | 574 | 16216 | 0.010 | 795597 | 379 | 1.67 | 2.78 | 0.19 | 0.60 |
| 5 | 60.1 | 60.9 | 5.62 | 23.6 | 9.04 | 0.74 | 15.9 | 2.71 | 22.1 | 4.61 | 13.0 | 1.90 | 9.81 | 1.55 | 260 | 19807 | 0.0098 | 783516 | 231 | 2.23 | 4.39 | 0.19 | 0.64 |
| 6 | 249 | 256 | 21.1 | 90.8 | 27.3 | 2.95 | 56.1 | 9.98 | 67.6 | 14.2 | 41.3 | 6.07 | 37.8 | 5.80 | 818 | 14843 | 0.0024 | 802032 | 886 | 2.71 | 4.73 | 0.23 | 0.66 |
| 7 | 179 | 269 | 28.4 | 112 | 30.3 | 3.67 | 52.0 | 10.8 | 68.0 | 14.1 | 39.2 | 5.79 | 37.3 | 4.85 | 561 | 15929 | 0.0011 | 797586 | 856 | 2.69 | 3.45 | 0.28 | 0.83 |
| 8 | 223 | 234 | 22.8 | 95.9 | 27.2 | 3.65 | 59.1 | 11.1 | 73.1 | 15.6 | 47.2 | 5.99 | 36.4 | 5.41 | 858 | 20993 | 0.0060 | 777539 | 861 | 2.39 | 4.40 | 0.27 | 0.65 |
| 9 | 174 | 157 | 14.4 | 59.2 | 18.3 | 1.74 | 36.2 | 6.49 | 42.1 | 8.52 | 22.9 | 3.46 | 22.9 | 3.59 | 614 | 15444 | 0.0063 | 798772 | 571 | 2.91 | 5.46 | 0.20 | 0.58 |
| 10 | 95.1 | 105 | 10.4 | 47.7 | 15.8 | 1.89 | 34.6 | 7.67 | 53.2 | 12.7 | 33.9 | 4.98 | 33.0 | 4.84 | 620 | 14234 | 0.016 | 787250 | 461 | 1.49 | 2.07 | 0.24 | 0.67 |
| 11 | 438 | 729 | 80.1 | 328 | 100 | 12.0 | 168 | 33.9 | 227 | 42.6 | 119 | 15.3 | 102 | 14.3 | 1736 | 17823 | 0.11 | 783990 | 2410 | 2.34 | 3.10 | 0.28 | 0.88 |
| 12 | 247 | 281 | 25.4 | 97.5 | 29.1 | 3.11 | 57.3 | 9.90 | 69.5 | 14.2 | 37.7 | 6.40 | 36.9 | 5.05 | 787 | 14270 | 0.012 | 802964 | 919 | 2.88 | 4.79 | 0.23 | 0.70 |
| 13 | 471 | 624 | 58.3 | 226 | 58.3 | 6.06 | 99.7 | 17.6 | 121 | 24.8 | 59.4 | 8.66 | 59.5 | 7.60 | 1186 | 13740 | 0.0090 | 804343 | 1842 | 3.63 | 5.68 | 0.24 | 0.78 |
| 14 | 220 | 280 | 26.4 | 94.2 | 19.7 | 2.37 | 43.9 | 7.45 | 48.6 | 10.1 | 27.2 | 3.63 | 24.6 | 3.31 | 481 | 22588 | 0.010 | 770904 | 811 | 3.81 | 6.41 | 0.24 | 0.76 |
| 15 | 242 | 425 | 45.2 | 183 | 55.7 | 5.84 | 78.3 | 17.7 | 129 | 25.1 | 64.8 | 10.1 | 65.5 | 8.75 | 750 | 16103 | 0.030 | 796555 | 1356 | 2.40 | 2.65 | 0.27 | 0.93 |
| 16 | 271 | 333 | 33.1 | 141 | 39.2 | 4.23 | 63.6 | 12.0 | 77.3 | 15.6 | 39.5 | 5.28 | 41.0 | 5.38 | 745 | 16674 | 0.0070 | 793312 | 1080 | 3.16 | 4.74 | 0.26 | 0.73 |
| 17 | 220 | 278 | 25.2 | 98.6 | 24.2 | 3.09 | 42.7 | 8.21 | 58.4 | 13.6 | 35.0 | 4.72 | 29.9 | 4.81 | 648 | 15572 | 0.016 | 800623 | 846 | 3.29 | 5.28 | 0.29 | 0.76 |
| 18 | 209 | 310 | 33.6 | 124 | 36.0 | 3.77 | 56.2 | 13.4 | 88.1 | 18.5 | 50.2 | 7.80 | 52.1 | 6.33 | 706 | 17698 | 0.080 | 791187 | 1009 | 2.45 | 2.88 | 0.26 | 0.82 |
| 19 | 235 | 325 | 29.5 | 108 | 27.5 | 3.09 | 57.1 | 10.4 | 82.0 | 17.9 | 47.0 | 7.00 | 44.2 | 6.41 | 755 | 17248 | 0.0010 | 789419 | 1000 | 2.68 | 3.82 | 0.23 | 0.82 |
| 20 | 160 | 180 | 16.6 | 67.3 | 18.5 | 1.85 | 35.0 | 7.46 | 55.4 | 11.3 | 34.3 | 5.02 | 31.2 | 4.61 | 574 | 19280 | 0.040 | 782599 | 629 | 2.41 | 3.67 | 0.22 | 0.69 |
| 21 | 156 | 161 | 16.7 | 74.7 | 20.9 | 2.64 | 51.9 | 9.59 | 63.5 | 14.2 | 36.2 | 4.99 | 31.1 | 4.31 | 659 | 21279 | 0.0017 | 776767 | 648 | 2.00 | 3.59 | 0.23 | 0.63 |
| 22 | 241 | 281 | 25.0 | 110 | 32.7 | 3.69 | 62.5 | 10.7 | 69.2 | 14.2 | 39.0 | 6.07 | 36.6 | 4.92 | 810 | 15732 | 0.012 | 798860 | 936 | 2.85 | 4.72 | 0.25 | 0.72 |
| 23 | 228 | 260 | 24.8 | 107 | 30.3 | 3.92 | 66.8 | 12.8 | 87.7 | 19.0 | 51.5 | 6.73 | 49.7 | 7.13 | 886 | 21043 | 0.0090 | 777575 | 956 | 2.17 | 3.29 | 0.26 | 0.70 |
| 24 | 166 | 206 | 19.3 | 83.9 | 26.8 | 2.78 | 52.5 | 10.0 | 73.0 | 15.0 | 38.2 | 5.77 | 32.4 | 4.59 | 729 | 24033 | 0.021 | 766836 | 736 | 2.18 | 3.68 | 0.22 | 0.74 |
| 25 | 289 | 271 | 25.2 | 102 | 31.9 | 3.58 | 61.0 | 11.6 | 78.8 | 15.8 | 42.0 | 6.91 | 40.1 | 6.39 | 897 | 13813 | 0.021 | 805664 | 986 | 2.75 | 5.17 | 0.24 | 0.60 |