**Table S5** Comparison of clinicopathological characteristics between TLTG-π group and TLTG-overlap group

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristics | All patients (n =108) | P value | Patient propensity matching(n=44)  | P value |
| π(n=86) | overlap(n=22) | π(n=22) | overlap(n=22) |
| Age | 63.21±9.167 | 57.45±12.258 | 0.016 | 58.82±8.449 | 57.45±12.258 | 0.670 |
| Gender |  |  | 0.170 |  |  | 1.000 |
|  Male | 64 | 20 |  | 21 | 20 |  |
|  Female | 22 | 2 |  | 1 | 2 |  |
| BMI(kg/m2) | 22.89±2.582 | 22.70±2.626 | 0.753 | 22.67±1.881 | 22.70±2.626 | 0.975 |
| Tumor Location |  |  | 0.002 |  |  | 0.187 |
|  Upper | 69 | 11 |  | 15 | 11 |  |
|  Middle | 16 | 8 |  | 6 | 8 |  |
|  Total | 1 | 3 |  | 1 | 3 |  |
| Tumor size(cm) | 3.32±1.925 | 3.85±2.691 | 0.298 | 3.69±2.666 | 3.85±2.691 | 0.852 |
| pT stage |  |  | 0.782 |  |  | 0.746 |
|  T1 | 31 | 5 |  | 4 | 5 |  |
|  T2 | 12 | 6 |  | 6 | 6 |  |
|  T3 | 30 | 9 |  | 10 | 9 |  |
|  T4 | 13 | 2 |  | 2 | 2 |  |
| pN-stage |  |  | 0.809 |  |  | 0.327 |
|  N0 | 42 | 11 |  | 14 | 11 |  |
|  N1 | 14 | 2 |  | 2 | 2 |  |
|  N2 | 15 | 4 |  | 3 | 4 |  |
|  N3 | 15 | 5 |  | 3 | 5 |  |
| TNM stage |  |  | 0.647 |  |  | 0.483 |
|  I | 38 | 8 |  | 10 | 8 |  |
|  II | 18 | 6 |  | 6 | 6 |  |
|  III | 30 | 8 |  | 6 | 8 |  |
|  IV | 0 | 0 |  | 0 | 0 |  |
| Lauren type |  |  | 0.146 |  |  | 0.044 |
| Intestinal | 36 | 5 |  | 10 | 5 |  |
| Diffuse | 12 | 6 |  | 4 | 6 |  |
| Mixed | 24 | 8 |  | 3 | 8 |  |