Supplementary Table 1: Multivariable linear regression mode analysis of factors related to endoscopic submucosal dissection time

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| --- | --- | --- | --- | --- |
| Predictive factors | Beta | Standardized coefficients beta | 95%CI for beta | *P* |
| Macroscopic type | 13.707 | 0.127 | 3.966-23.447 | 0.006 |
| Tumor size | 16.251 | 0.304 | 10.924-23.717 | <0.001 |
| Proportion | 21.994 | 0.365 | 14.623-29.365 | <0.001 |
| Adhesion | 36.433 | 0.277 | 24.462-48.403 | <0.001 |
| Perforation during procedure | 35.823 | 0.155 | 14.725-56.922 | 0.001 |

Supplementary Table 2: Multivariate logistic regression analysis of predictors for procedural time over mean time (66.9 min)

|  |  |  |  |
| --- | --- | --- | --- |
| Predictive factors |  | Odds ratio (95% confidence interval) | *P*-value |
| Macroscopic type | 0-I/Ⅱa: | 1 |  |
|  | 0-Ⅱb/Ⅱc | 2.011(0.532-7.595) | 0.303 |
|  | Combined | 1.625(0.181-14.617) | 0.665 |
| Tumor size | ≤2.0 cm | 1 |  |
|  | 2.0-4.0 cm | 3.728(1.518-9.155) | 0.004 |
|  | ≥4.0 cm | 10.757(2.896-39.963) | 0 |
| The proportion of circumferential extension | <1/2 | 1 |  |
|  | 1/2-3/4 | 2.463(1.076-5.635) | 0.033 |
|  | >3/4 | 13.051(1.333-127.743) | 0.027 |
| Adhesion | Absence | 1 |  |
|  | Presence | 8.699(2.308-32.793) | 0.001 |