**Supplementary Table 1** Different tumor location groups in 50 cases of S-MPESCC including primary cancer and multiple cancer

|  |  |  |  |
| --- | --- | --- | --- |
| Group | primary cancer | multiple cancer | Total |
| U-m | Upper | middle | 2(4.0%) |
| U-l | Upper | lower | 1(2.0%) |
| M-u | Middle | upper | 3(6.0%) |
| M-m | Middle | middle | 16(32.0%) |
| M-l | Middle | lower | 13(26.0%) |
| L-u | Lower | upper | 1(2.0%) |
| L-m | Lower | middle | 12(24.0%) |
| L-l | Lower | lower | 2(4.0%) |

*S-MPESCC synchronous multiple primary esophageal squamous cell carcinoma*