**Table S2 Histological derivation and pathological distribution of pelvic malignant tumors after hysterectomy**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Number of cases | Percentage (%) |
| Site | Pathology | 84  |  |
| Ovarian derived |  | 64 | 76.19 |
|  | Serous carcinoma | 32 | 38.10 |
|  | Mucous carcinoma | 9 | 10.71 |
|  | Endometrioid carcinoma | 6 | 7.14 |
|  | Clear cell carcinoma | 4 | 4.76 |
|  | Sarcoma | 3 | 3.57 |
|  | Undifferentiated carcinoma | 2 | 2.38 |
|  | Primary PNET | 1 | 1.19 |
|  | Granulocytoma | 1 | 1.19 |
|  | Other uncertain classification | 6 | 7.14 |
| Peritoneal derived |  | 4 | 4.76 |
|  | Serous adenocarcinoma |  3 | 3.57 |
|  | Leiomyosarcoma | 1 | 1.19 |
| Pelvic extraovarian |  | 11 | 13.10 |
|  | Leiomyosarcoma | 6 | 7.14 |
|  | Endometrial stromal sarcoma | 2 | 2.38 |
|  | Adenocarcinoma | 2 | 2.38 |
|  | Malignant mesenchymal tumors with epithelial differentiation | 1 | 1.19 |
| Vaginal stump | Squamous cell carcinoma | 2 | 2.38 |
| Others |  | 3 | 3.57 |
|  | Gastrointestinal stromal tumors | 1 | 1.19 |
|  | Rectal adenocarcinoma | 1 | 1.19 |
|  | Metastatic carcinoma | 1 | 1.19 |

**Abbreviations:** PNET, primitive neuroectodermal tumor.