**Supplementary Table 1. Correlation between clinical characteristics and MIBC subtypes.**

|  |  |  |
| --- | --- | --- |
| **Variables**  | **Cohort** | ***P-*value\*** |
| **Subtype**Basalluminal**Stage**IIIIIIIVNot Available**Age** | 21019321291381322 | <0.0010.4498 |
| 34$\leq $5960$\leq $68 69$\leq $7576$\leq $90**Gender**MaleFemale**Smoking history** Smoker Non-smoker**Status**AliveDead**Histology**PillaryNon-pillaryNot Available |  8711295109 2971062941092981051282705 | 0.06120.33450.0173<0.001 |
| **Grade**High gradeLow gradeNot Available |  380 20 3 | <0.001 |

Notes：\*χ2 test.