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

|  |  |  |
| --- | --- | --- |
| **Variables** | **Cohort** | ***P-*value\*** |
| **Subtype**  Basal  luminal  **Stage**  I  II  III  IV  Not Available  **Age** | 210  193  2  129  138  132  2 | <0.001  0.4498 |
| 3459  6068  6975  7690  **Gender**  Male  Female  **Smoking history**  Smoker  Non-smoker  **Status**  Alive  Dead  **Histology**  Pillary  Non-pillary  Not Available | 87  112  95  109  297  106  294  109  298  105  128  270  5 | 0.0612  0.3345  0.0173  <0.001 |
| **Grade**  High grade  Low grade  Not Available | 380  20  3 | <0.001 |

Notes：\*χ2 test.