**Appendix 2 Table of descriptive statistics and statistically different for survival analysis in Figures 7A,7D,8A**

**Figure 7A**

**Table of descriptive statistics**

| **Group** | **Total number** | **Number of events** | **Number of censored** | **Proportion of censoring** | **Median survival time** | **Confidence interval of median survival time** |
| --- | --- | --- | --- | --- | --- | --- |
| **Low** **risk score** | **146** | **86** | **60** | **41.1%**  | **99** | **59-140** |
| **High risk score** | **147** | **114** | **33** | **22.4%** | **42** | **31-60** |

**Table of statistically different**

| **Methods** | **chi-square** | **HR** | **CI**  | **P value** |
| --- | --- | --- | --- | --- |
| **Log-rank** | **11.46** | **1.60** | **1.21-2.12** | **0.001** |

**Figure 7D**

**Table of statistically different**

| **Methods** | **chi-square** | **HR** | **CI**  | **P value** |
| --- | --- | --- | --- | --- |
| **Log-rank** | **19.10** | **5.66** | **2.91-11.00** | **0.000** |

**Figure 8A (GSE50081+GSE37745)**

**Table of descriptive statistics**

| **Group** | **Total number** | **Number of events** | **Number of censored** | **Proportion of censoring** | **Median survival time** | **Confidence interval of median survival time** |
| --- | --- | --- | --- | --- | --- | --- |
| **Low risk score** | **189** | **87** | **102** | **54.0%**  | **76.7** | **67.1-?** |
| **High risk score** | **188** | **133** | **55** | **29.3%** | **41.4** | **31.5-58.7** |

**Table of statistically different**

| **Methods** | **chi-square** | **HR** | **CI**  | **P value** |
| --- | --- | --- | --- | --- |
| **Log-rank** | **14.02** | **1.66** | **1.27-2.16** | **0.000** |