**Appendix 1 Table of descriptive statistics and statistically different for survival analysis in Figures 4**

**Figure 4A**

**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** | **264** | **76** | **188** | **71.2%**  | **59.3** | **50.9-105.6** |
| **High** | **262** | **112** | **150** | **57.3%** | **39.0** | **33.3-50** |

**Table of** **statistically different**

| **Methods** | **chi-square** | **HR** | **CI**  | **P value** |
| --- | --- | --- | --- | --- |
|  **Log-rank** | **13.61** | **1.72** | **1.29-2.29** | **0.000** |

**Figure 4B**

**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** | **264** | **72** | **192** | **72.7%**  | **59.7** | **50.9-105.6** |
| **High** | **262** | **116** | **146** | **55.7%** | **38.2** | **30.7-48.5** |

**Table of statistically different**

| **Methods** | **chi-square** | **HR** | **CI**  | **P value** |
| --- | --- | --- | --- | --- |
| **Log-rank** | **22.75** | **2.01** | **1.51-2.68** | **0.000** |

**Figure 4C**

**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** | **264** | **81** | **183** | **69.3%**  | **57.5** | **50-112** |
| **High** | **262** | **107** | **155** | **59.2%** | **42.2** | **35.8-51** |

**Table of statistically different**

| **Methods** | **chi-square** | **HR** | **CI**  | **P value** |
| --- | --- | --- | --- | --- |
|  **Log-rank** | **10.36** | **1.6** | **1.20-2.13** | **0.001** |

**Figure 4D**

**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** | **265** | **72** | **193** | **72.8%**  | **61.0** | **54.1-?** |
| **High** | **261** | **116** | **145** | **55.6%** | **40.5** | **31.7-48.5** |

**Table of statistically different**

| **Methods** | **chi-square** | **HR** | **CI**  | **P value** |
| --- | --- | --- | --- | --- |
|  **Log-rank** | **18.20** | **1.88** | **1.41-2.50** | **0.000** |

**Figure 4E**

**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** | **263** | **80** | **183** | **69.6%**  | **72.5** | **53.3-?** |
| **High** | **263** | **108** | **155** | **58.9%** | **40.3** | **36-47.4** |

**Table of statistically different**

| **Methods** | **chi-square** | **HR** | **CI**  | **P value** |
| --- | --- | --- | --- | --- |
|  **Log-rank** | **14.61** | **1.74** | **1.30-2.32** | **0.000** |

**Figure 4F**

**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** | **265** | **75** | **190** | **71.7%**  | **59.7** | **50.9-?** |
| **High** | **261** | **113** | **148** | **56.7%** | **39.0** | **31.7-49.9** |

**Table of statistically different**

| **Methods** | **chi-square** | **HR** | **CI**  | **P value** |
| --- | --- | --- | --- | --- |
|  **Log-rank** | **18.3** | **1.87** | **1.40-2.49** | **0.000** |

**Figure 4G**

**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** | **263** | **80** | **183** | **69.6%**  | **54.4** | **49.9-112** |
| **High** | **263** | **108** | **155** | **58.9%** | **40.5** | **33.2-61** |

**Table of statistically different**

| **Methods** | **chi-square** | **HR** | **CI**  | **P value** |
| --- | --- | --- | --- | --- |
|  **Log-rank** | **10.04** | **1.59** | **1.19-2.11** | **0.002** |

**Figure 4H**

**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** | **264** | **77** | **187** | **70.8%**  | **61.0** | **51-89.4** |
| **High** | **262** | **111** | **151** | **57.6%** | **37.8** | **33.2-49.9** |

**Table of statistically different**

| **Methods** | **chi-square** | **HR** | **CI** | **P value** |
| --- | --- | --- | --- | --- |
|  **Log-rank** | **13.55** | **1.71** | **1.29-2.28** | **0.000** |