**Cochrane-armitage test for discriminatory ability of BMR stage**

|  |
| --- |
| χ2 96.8398 |
| p-value 0.0000 |

**kruskal-wallis test for discriminatory ability of BMR stage**

| Kruskal-wallis test overall P-value | post-hoc test P-value |
| --- | --- |
| 0.0000001365554 | 2 - 1 0.0017 |
|  | 3 - 1 0.0094 |
|  | 4 - 1 0.0720 |
|  | 5 - 1 0.0000 |
|  | 3 - 2 0.9955 |
|  | 4 - 2 0.7940 |
|  | 5 - 2 0.0301 |
|  | 4 - 3 0.8986 |
|  | 5 - 3 0.2480 |
|  | 5 - 4 0.9999 |

**Cochrane-armitage test for discriminatory ability of King's stage**

|  |
| --- |
| χ2 90.58919 |
| p-value 0.00000 |

**kruskal-wallis test for discriminatory ability of King's stage**

| Kruskal-wallis test overall P-value | post-hoc test P-value |
| --- | --- |
| Kruskal-wallis test overall P-value | post-hoc test P-value |
| 0.00001698531 | 2 - 1 0.9376 |
|  | 3 - 1 0.9139 |
|  | 4 - 1 0.7691 |
|  | 5 - 1 0.6334 |
|  | 6 - 1 0.4780 |
|  | 3 - 2 0.9955 |
|  | 4 - 2 0.1806 |
|  | 5 - 2 0.0586 |
|  | 6 - 2 0.0613 |
|  | 4 - 3 0.2884 |
|  | 5 - 3 0.0831 |
|  | 6 - 3 0.0763 |
|  | 5 - 4 0.7686 |
|  | 6 - 4 0.3511 |

**Cochrane-armitage test for discriminatory ability of MiToS stage**

|  |
| --- |
| χ2 14.97704 |
| p-value 0.00010 |

**kruskal-wallis test for discriminatory ability of MiToS stage**

| Kruskal-wallis test overall P-value | post-hoc test P-value |
| --- | --- |
| 0.000002877904 | 0.0720 |
| 0.000002877904 | 0.6533 |
| 0.000002877904 | 0.5550 |
| 0.000002877904 | 0.9746 |
| 0.000002877904 | 0.9997 |
| 0.000002877904 | 0.9954 |

**Discriminatory ability between stage**

**Standardized median time comparison plot**



**Kaplan Meier curve according to stage at enrollment**

