Red blood cell transfusion-dependency implies a poor survival in primary myelofibrosis irrespective of IPSS and DIPSS

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**SUPPLEMENTARY APPENDIX**

Online Supplementary Table S1. Cox regression univariate and multivariate survival analysis by RBC transfusion dependency and IPSS/DIPSS risk category.

<table>
<thead>
<tr>
<th>Variables at diagnosis</th>
<th>Univariate analysis</th>
<th>Multivariate analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HR (95% CI)</td>
<td>P value</td>
</tr>
<tr>
<td>Transfusion-dependency</td>
<td>3.9 (2.5-6.1)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>IPSS category: low</td>
<td>0.4 (0.2-0.7)</td>
<td>0.002</td>
</tr>
<tr>
<td>int-1*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>int-2</td>
<td>1.9 (1.2-3.1)</td>
<td>0.008</td>
</tr>
<tr>
<td>high</td>
<td>2.9 (1.7-4.9)</td>
<td>&lt;0.001</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Variables during follow-up</th>
<th>Univariate analysis</th>
<th>Multivariate analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HR (95% CI)</td>
<td>P value</td>
</tr>
<tr>
<td>Transfusion-dependency</td>
<td>7.8 (5.1-11.9)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>DIPSS category: low</td>
<td>0.2 (0.1-0.7)</td>
<td>0.014</td>
</tr>
<tr>
<td>int-1*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>int-2</td>
<td>2.8 (1.6-4.8)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>high</td>
<td>3.4 (2.0-5.7)</td>
<td>&lt;0.001</td>
</tr>
</tbody>
</table>

*Used as reference category in Cox regression multivariable analysis; **Low risk category, both in IPSS and DIPSS, has been excluded from analysis because patients in the low risk group can not be RBC transfusion-dependent. IPSS indicates International Prognostic Scoring System; DIPSS indicates Dynamic International Prognostic Scoring System.