Supplementary Table S1. The factors related to corneal haze after surface ablation

<table>
<thead>
<tr>
<th>Surface ablation (n=1,708)</th>
<th>Corneal haze</th>
<th>Univariate</th>
<th>Multivariate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes n(%)</td>
<td>No n(%)</td>
<td>P-value*</td>
</tr>
<tr>
<td>Age (year)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>≤ 29</td>
<td>82 (7.4)</td>
<td>1,209 (92.6)</td>
<td>0.203</td>
</tr>
<tr>
<td>30-39</td>
<td>37 (7.4)</td>
<td>460 (92.6)</td>
<td>1.01</td>
</tr>
<tr>
<td>≥ 40</td>
<td>12 (12.4)</td>
<td>85 (87.6)</td>
<td>1.69</td>
</tr>
<tr>
<td>Preop. IOP (mmHg)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; 15</td>
<td>58 (8.3)</td>
<td>644 (91.7)</td>
<td>0.501</td>
</tr>
<tr>
<td>≥ 15</td>
<td>69 (7.4)</td>
<td>868 (92.6)</td>
<td>0.89</td>
</tr>
<tr>
<td>Preop. SE (D)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&gt;-6D</td>
<td>58 (4.6)</td>
<td>1,188 (95.4)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>-10D≤ -6D</td>
<td>68 (16.0)</td>
<td>358 (84.0)</td>
<td>3.46</td>
</tr>
<tr>
<td>≤ -10D</td>
<td>5 (16.1)</td>
<td>26 (83.9)</td>
<td>2.87</td>
</tr>
<tr>
<td>Preop. corneal thickness (μm)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>≥ 500μm</td>
<td>105 (7.6)</td>
<td>1,272 (92.4)</td>
<td>0.726</td>
</tr>
<tr>
<td>&lt; 500 μm</td>
<td>23</td>
<td>23</td>
<td>0.86</td>
</tr>
<tr>
<td>Ablation diameter (mm)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; 6mm</td>
<td>41 (8.4)</td>
<td>449 (91.6)</td>
<td>0.371</td>
</tr>
<tr>
<td>≥ 6mm</td>
<td>66</td>
<td>600</td>
<td>1.15</td>
</tr>
</tbody>
</table>
(9.9)  (90.1)

* Chi-squared test

+ Preop. IOP, preoperative intraocular pressure; preop. SE, preoperative spherical equivalent; D, diopter; HR, hazard ratio, confidence interval.