### Supplementary Table 1. Simple linear regression of age for biophysical parameters

<table>
<thead>
<tr>
<th>Dependent variable</th>
<th>R-squared</th>
<th>B</th>
<th>t</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature (°C)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cheek</td>
<td>0.032</td>
<td>35.891</td>
<td>56.795</td>
<td>0.000***</td>
</tr>
<tr>
<td>Forehead</td>
<td>0.019</td>
<td>-0.006</td>
<td>-2.633</td>
<td>0.009**</td>
</tr>
<tr>
<td>Hydration (AU)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cheek</td>
<td>0.006</td>
<td>0.080</td>
<td>1.425</td>
<td>0.155</td>
</tr>
<tr>
<td>Forehead</td>
<td>0.006</td>
<td>0.082</td>
<td>1.497</td>
<td>0.135</td>
</tr>
<tr>
<td>TEWL (g/m²)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cheek</td>
<td>0.003</td>
<td>-0.025</td>
<td>-1.053</td>
<td>0.293</td>
</tr>
<tr>
<td>Forehead</td>
<td>0.019</td>
<td>-0.056</td>
<td>-2.610</td>
<td>0.009**</td>
</tr>
<tr>
<td>Sebum (μg/cm²)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cheek</td>
<td>0.026</td>
<td>-1.196</td>
<td>-3.091</td>
<td>0.002**</td>
</tr>
<tr>
<td>Forehead</td>
<td>0.043</td>
<td>-2.306</td>
<td>-3.994</td>
<td>0.000***</td>
</tr>
<tr>
<td>Elasticity (R2)</td>
<td></td>
<td></td>
<td></td>
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</tr>
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<td></td>
<td>0.126</td>
<td>-0.005</td>
<td>-7.190</td>
<td>0.000***</td>
</tr>
<tr>
<td>Pore size (%)</td>
<td>0.297</td>
<td>0.591</td>
<td>12.330</td>
<td>0.000***</td>
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<tr>
<td>Wrinkle (%)</td>
<td>0.455</td>
<td>0.600</td>
<td>17.314</td>
<td>0.000***</td>
</tr>
<tr>
<td>Skin tone (%)</td>
<td>0.141</td>
<td>-0.124</td>
<td>-7.663</td>
<td>0.000***</td>
</tr>
</tbody>
</table>

R-squared: determination coefficient, B: unstandardized regression coefficient, t=B/standard error, AU: arbitrary units, TEWL: transepidermal water loss. **p<0.01, ***p<0.001.