**Supplemental Table 1. Linear Regression of Cortisol Secretion Parameters, BMI, IGF-I, FT4 and Approximate Entropy versus Age in Healthy Volunteers**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>R</th>
<th>P-value</th>
<th>β</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pulse frequency (no/24 h)</td>
<td>0.032</td>
<td>0.72</td>
<td>-0.010±0.066</td>
</tr>
<tr>
<td>Slow half-life (min)</td>
<td>0.057</td>
<td>0.53</td>
<td>-0.038±0.061</td>
</tr>
<tr>
<td>Mode day (min)</td>
<td>0.076</td>
<td>0.40</td>
<td>-0.048±0.057</td>
</tr>
<tr>
<td>Mode night (min)</td>
<td>0.148</td>
<td>0.10</td>
<td>-0.086±0.042</td>
</tr>
<tr>
<td>Basal secretion (nmol/L/24h)</td>
<td>0.084</td>
<td>0.36</td>
<td>3.55±3.83</td>
</tr>
<tr>
<td>Pulsatile secretion (nmol/L/24h)</td>
<td>0.100</td>
<td>0.27</td>
<td>-10.32±9.33</td>
</tr>
<tr>
<td>Total secretion (nmol/L/24h)</td>
<td>0.057</td>
<td>0.53</td>
<td>-6.77±10.71</td>
</tr>
<tr>
<td>Mean pulse mass (nmol/L)</td>
<td>0.094</td>
<td>0.30</td>
<td>-0.64±0.61</td>
</tr>
<tr>
<td>Weibull lambda (no/24 h)</td>
<td>0.004</td>
<td>0.97</td>
<td>0.001±0.025</td>
</tr>
<tr>
<td>Weibull gamma (dimensionless)</td>
<td>0.039</td>
<td>0.67</td>
<td>0.001±0.002</td>
</tr>
<tr>
<td>BMI (kg/m2)</td>
<td>0.051</td>
<td>0.57</td>
<td>0.020±0.035</td>
</tr>
<tr>
<td>IGF-1 (nmol/L)</td>
<td>0.506</td>
<td>&lt;0.0001</td>
<td>-0.213±0.033</td>
</tr>
<tr>
<td>Free T4 (nmol/L)</td>
<td>0.138</td>
<td>0.21</td>
<td>-0.027±0.022</td>
</tr>
<tr>
<td>ApEn (dimensionless)</td>
<td>0.177</td>
<td>0.05</td>
<td>0.002±0.001</td>
</tr>
</tbody>
</table>

The slope is expressed as mean ± SD. Logarithmical transformation of basal, pulsatile and total secretion did not change outcome. Separate analyses for men and women were comparable.