

## **Supplementary Material**

**Table S1. Demographic data.**

	Residential area		
Participants	Rural	Suburban	Urban
<b>N</b>	<b>61</b>	<b>45</b>	<b>44</b>
<b>Age in years, mean (range)<sup>1</sup></b>	<b>11 (5-19)</b>	<b>12 (5-19)</b>	<b>11 (4-18)</b>
<b>Gender (%)<sup>2</sup></b>			
<b>Female</b>	<b>51</b>	<b>60</b>	<b>61</b>
<b>Male</b>	<b>49</b>	<b>40</b>	<b>39</b>
<b>Skin type (%)<sup>2</sup></b>			
<b>I</b>	<b>8</b>	<b>13</b>	<b>11</b>
<b>II</b>	<b>51</b>	<b>24</b>	<b>32</b>
<b>III</b>	<b>26</b>	<b>40</b>	<b>36</b>
<b>IV</b>	<b>15</b>	<b>22</b>	<b>21</b>
<b>Hair color (%)<sup>2</sup></b>			
<b>Red</b>	<b>7</b>	<b>7</b>	<b>7</b>
<b>Light blond</b>	<b>56</b>	<b>44</b>	<b>57</b>
<b>Dark blond</b>	<b>25</b>	<b>20</b>	<b>21</b>
<b>Brown</b>	<b>13</b>	<b>29</b>	<b>14</b>
<b>Black</b>	<b>0</b>	<b>0</b>	<b>2</b>
<b>Eye color (%)<sup>2</sup></b>			
<b>Blue</b>	<b>57</b>	<b>56</b>	<b>61</b>
<b>Green</b>	<b>8</b>	<b>9</b>	<b>7</b>
<b>Gray</b>	<b>16</b>	<b>16</b>	<b>11</b>
<b>Hazel brown</b>	<b>13</b>	<b>18</b>	<b>14</b>
<b>Dark brown</b>	<b>5</b>	<b>2</b>	<b>7</b>

<sup>1</sup> No significant differences between groups (rural/suburban/urban) (One-Way ANOVA test), (p>0.05)

<sup>2</sup> No significant differences between groups (rural/suburban/urban) (Chi Square test), (p>0.05)

Figure legend

**Figure S1. Risk behavior and exposure of girls and boys**

Boxplots show number of risk days (intentional sunbathing, exposure of shoulders to the sun performing activities such as playing in the garden, or using a solarium) (a) and daily personal UVR exposure in SED on risk days (b), according to residential area (urban/suburban/rural) and gender. The box length represents the interquartile range, while the line in the box represents the median. The whiskers represent the value of 1.5 x the height of the box. Outliers are marked with a circle and extreme outliers with an asterisk. Red squares represent girls and green squares represent boys.

