

## **Long-term residential sunlight exposure associated with cognitive function among adults residing in Finland**

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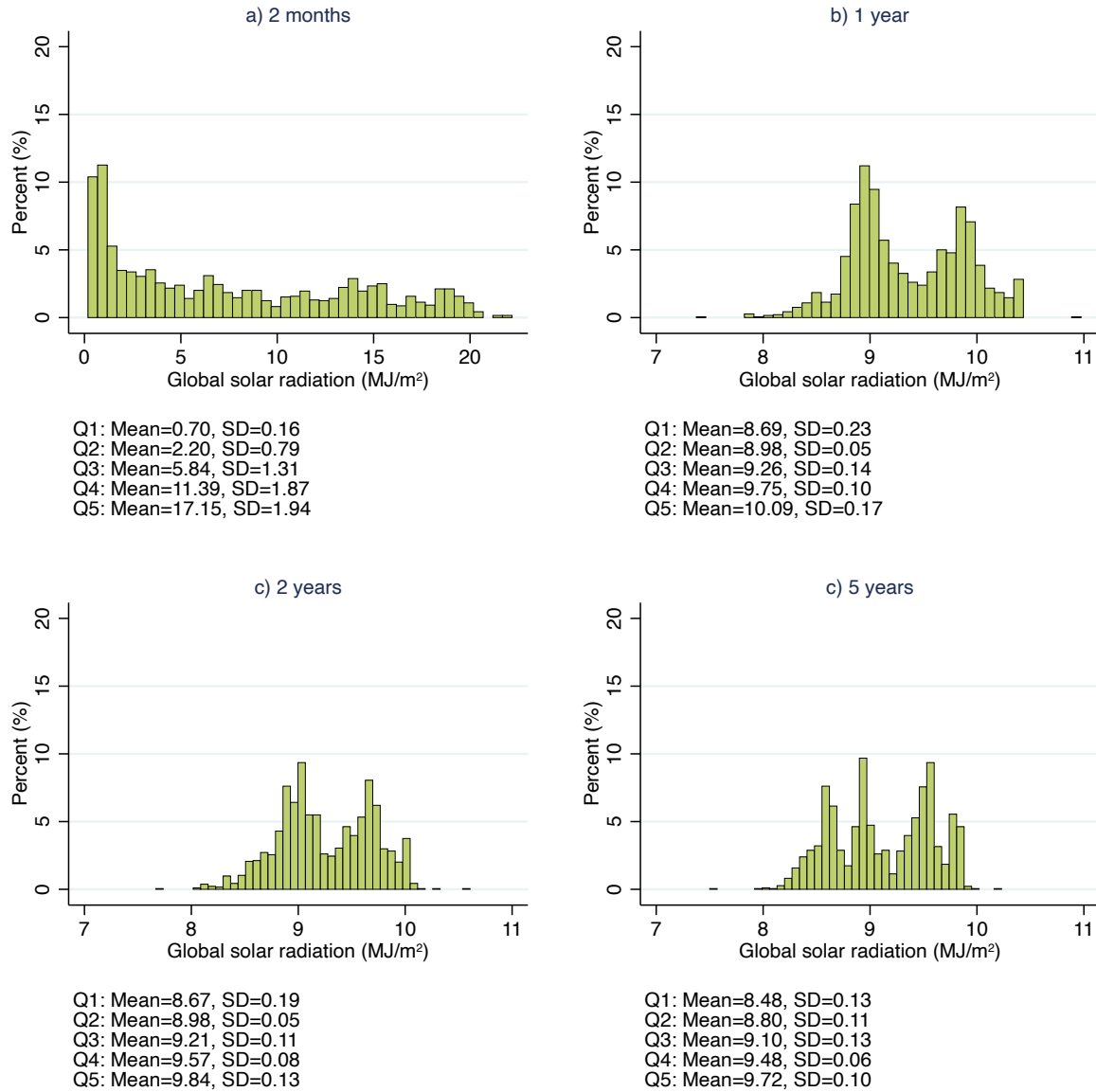
### **Supplementary Information**

**Supplementary Figure S1.** Distributions and quintile averages of the residential sunlight exposure at the different exposure lengths

**Supplementary Figure S2.** Geographical variation in average daily global solar radiation across zip code areas in Finland in 2011

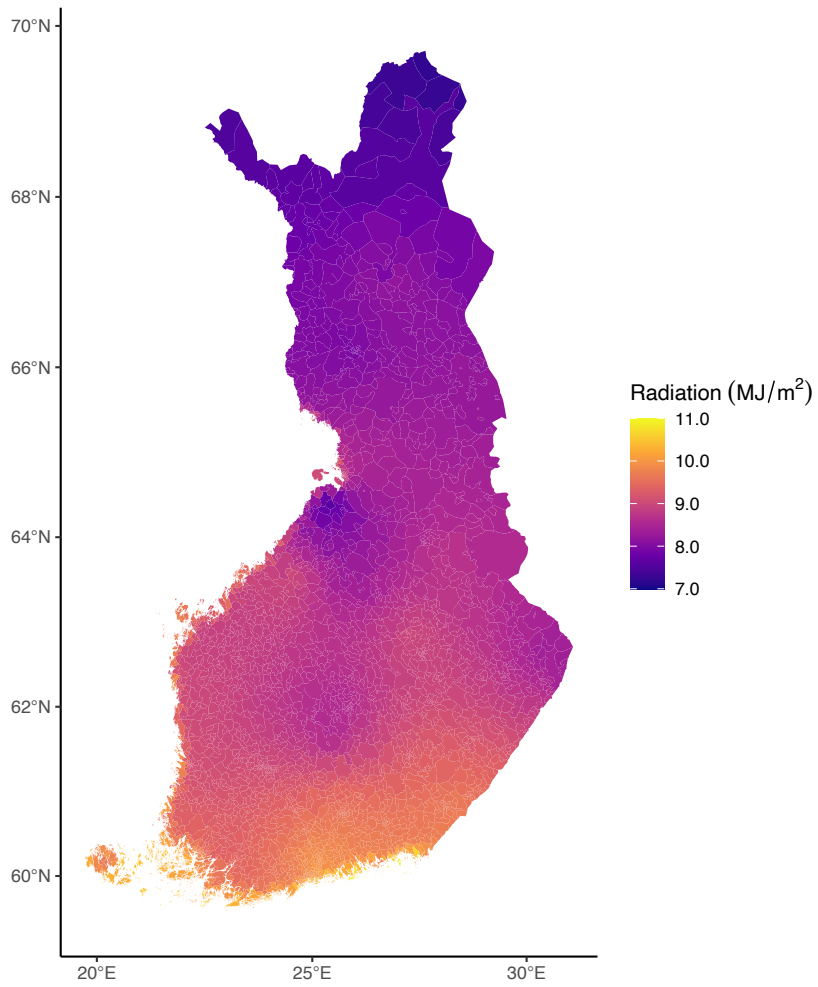
**Supplementary Table S1.** Correlations between global cognitive function and specific domains of cognitive function among 1,635 participants from the Cardiovascular Risk in Young Finns Study

**Supplementary Figure S1.** Distributions and quintile averages of the residential sunlight exposure at the different exposure lengths



Abbreviations: Q1–Q5, 1st–5th quintile; SD, standard deviation

**Supplementary Figure S2.** Geographical variation in average daily global solar radiation across zip code areas in Finland in 2011



**Supplementary Table S1.** Correlations between global cognitive function and specific domains of cognitive function among 1,635 participants from the Cardiovascular Risk in Young Finns Study

|        | Global | PAL    | RTI    | RVP    |
|--------|--------|--------|--------|--------|
| Global |        |        |        |        |
| PAL    | 0.7575 |        |        |        |
| RTI    | 0.1215 | 0.0588 |        |        |
| RVP    | 0.6161 | 0.2949 | 0.1043 |        |
| SWM    | 0.7433 | 0.2614 | 0.0780 | 0.3085 |

Values are Pearson's correlation coefficients ( $r$ ). P-values of all correlations <0.05.

Abbreviations: Global, global cognitive function; PAL, Paired Associates Learning; RTI, Reaction Time; RVP, Rapid Visual Information Processing; SWM, Spatial Working Memory