

## **SUPPLEMENTARY MATERIAL**

### **Statistical analysis methods.**

Statistical analysis was performed with the GNU PSPP program (version 1.2.0-g0fb4db) using K-means cluster analysis. Subsequently, a Chi-square analysis was performed to determine the significant relationship between qualitative variables and ANOVA to determine significant links between the 3 groups. To study the statistical relationship between two continuous variables, Pearson's correlation coefficient was used.