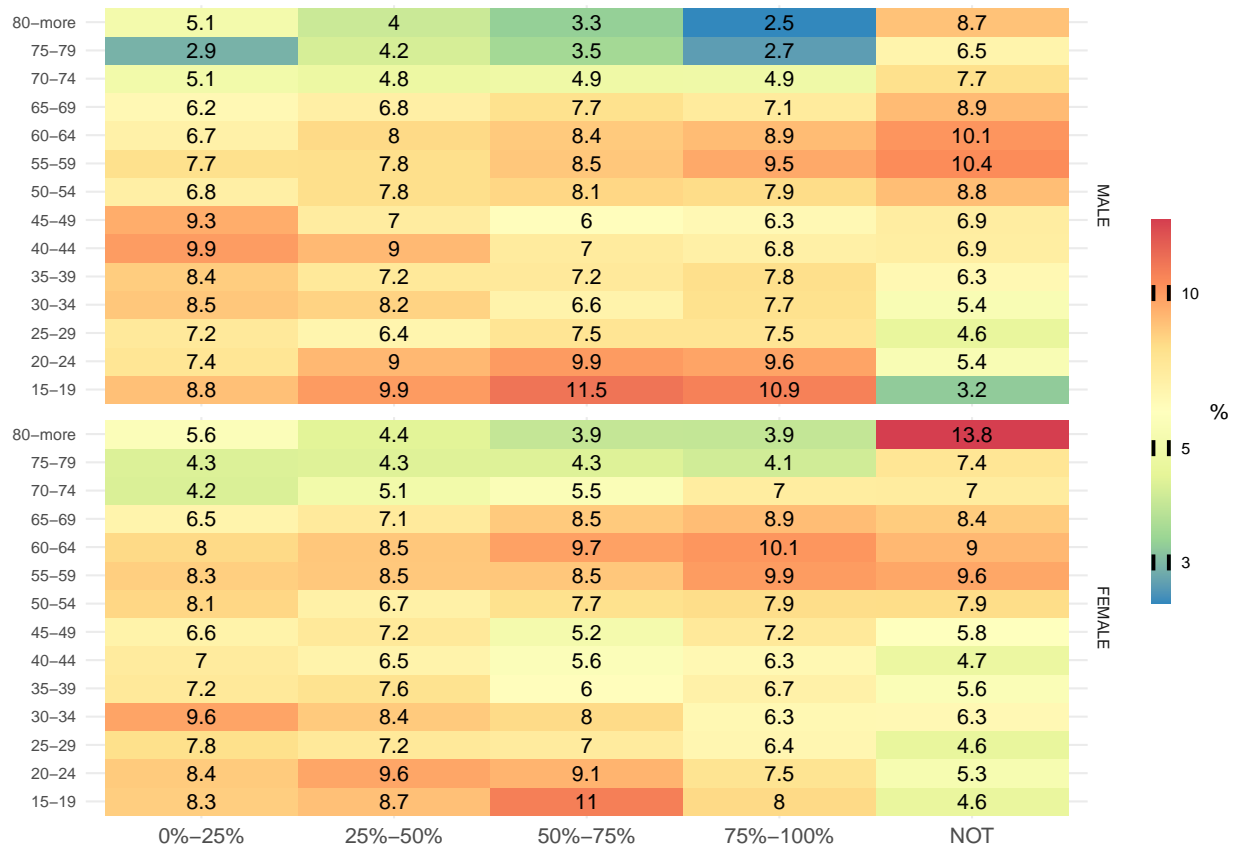


Workflow: Physical Activity and Well-Being

Sofia Gil-Clavel

- Open the Data
- From the variable “PHSGAPA” (Moderate/vigorous physical activity -average/hours) drop those individuals whose content is “NOT STATED”.
- Transform the variable sex (DHH_SEX) into factor
- Create the variable “GROUP” by transforming “PHSGAPA” into the next categories:
 - “NOT” if they do 0 hours of exercise
 - “0%-25%” for those in the first quantile without considering those that do 0 hours of exercise.
 - “25-50” for those in the second quantile without considering those that do 0 hours of exercise.
 - “50-75” for those in the third quantile without considering those that do 0 hours of exercise.
 - “75-100” for those in the fourth quantile without considering those that do 0 hours of exercise.
- Create a table that shows the percentage of population in each “GROUP” by age-groups breaking down by sex.



- Transform to NA all the values in “GEN_02A2”, “GEN_04”, “GEN_07”, and “GEN_10” that correspond to responds: “DON’T KNOW”, “REFUSAL”, and “NOT STATED”.

Table 1: Results Liner Model

NAMES	lower	mean	upper	SE	p-value	p-value<
Sex:Female	-1.3546	-1.2545	-1.1544	0.0510510	0.0000	***
Age	-0.0941	-0.0808	-0.0675	0.0067900	0.0000	***
Satif. Life	0.0432	0.0770	0.1109	0.0172717	0.0000	***
Trob. Sleep.	-0.0220	0.0216	0.0651	0.0222102	0.3314	
Life Stress	-0.0938	-0.0395	0.0147	0.0276776	0.1531	
Sense Belong.	-0.2799	-0.2213	-0.1626	0.0299329	0.0000	***
Health	0.5083	0.5639	0.6194	0.0283423	0.0000	***

- Run a linear model where the outcome is “PHSGAPA” and the independent variables are “DHH_SEX”, “DHHGAGE”, “GEN_02A2”, “GEN_04”, “GEN_07”, “GEN_10”, and “GENDHDI”.
- Report the results as a table (Table 1) with the coefficients and their 95% confidence intervals, standard errors, p-values, and the standard p-value< ’*’ coding. Also rename the variables into more descriptive names:
 - DHH_SEXFEMALE: “Sex:Female”
 - DHHGAGE: “Age”
 - GEN_02A2: “Satif. Life”
 - GEN_04: “Trob. Sleep.”
 - GEN_07: “Life Stress”
 - GEN_10: “Sense Belong.”
 - GENDHDI: “Health”
- Plot the results

