

The prevalence of chronic diseases according to body mass index measured as categorical and integer variable: The case of Spain.

Supplementary Appendix

Table of Contents

Table S1. BMI and prevalence (Prev) at which prevalence of chronic condition is at minimum and maximum level according to modelled results. Spain 2006-2019/20. Ages 20-84.....	2
Figure S1. Prevalence of chronic conditions according to BMI and sex (modelled results). Spain 2006-2019/20. Ages 20-84.	3
Figure S2. Prevalence of chronic conditions according to BMI and age groups (modelled results). Spain 2006-2019/20. Ages 20-84.	4
Figure S3. Prevalence of chronic conditions according to BMI and survey years (modelled results). Spain 2006-2019/20. Ages 20-84.	5

Table S1. BMI and prevalence (Prev) at which each chronic condition reaches its minimum and maximum prevalence, based on modelled results. Spain, pooled data from 2006, 2011/12, 2014, 2017, and 2019/20. Ages 20-84.

Chronic Condition	Min_BMI	Min_Prev	Max_BMI	Max_Prev
Hypertension	18.7	0.039	38.1	0.444
High cholesterol	18.3	0.071	37.1	0.254
Heart disease	19.4	0.021	40.0	0.112
Diabetes	16.0	0.009	40.0	0.221
Stroke	16.0	0.003	40.0	0.011
Cancer	21.9	0.013	16.0	0.025
COPD/asthma	21.2	0.049	40.0	0.151
Urinary Incontinence	19.8	0.016	40.0	0.085
Haemorrhoids	18.8	0.038	40.0	0.091
Thyroid dysfunction	20.5	0.042	40.0	0.099
Osteoporosis	19.6	0.029	16.0	0.069
Osteoarthritis	18.9	0.069	40.0	0.329
Chronic back pain	19.7	0.172	37.4	0.346
Mental health problems	23.8	0.082	40.0	0.215
Migraine	26.7	0.076	38.1	0.134
Prostate	16.0	0.022	38.1	0.074
Varicose veins	16.0	0.054	40.0	0.200
Allergies	26.6	0.116	40.0	0.148
Gastric and duodenal ulcer	16.0	0.014	40.0	0.029
Cataract	19.6	0.019	37.3	0.077
Chronic skin problems	16.0	0.044	40.0	0.084
Constipation	22.9	0.032	40.0	0.069
Menopausal problems	16.0	0.018	40.0	0.068

Figure S1. Prevalence (smoothed) of chronic conditions according to BMI and sex. Spain 2006, 2011/12, 2014, 2017, 2019/20, 2013 (pooled). Ages 20-84.

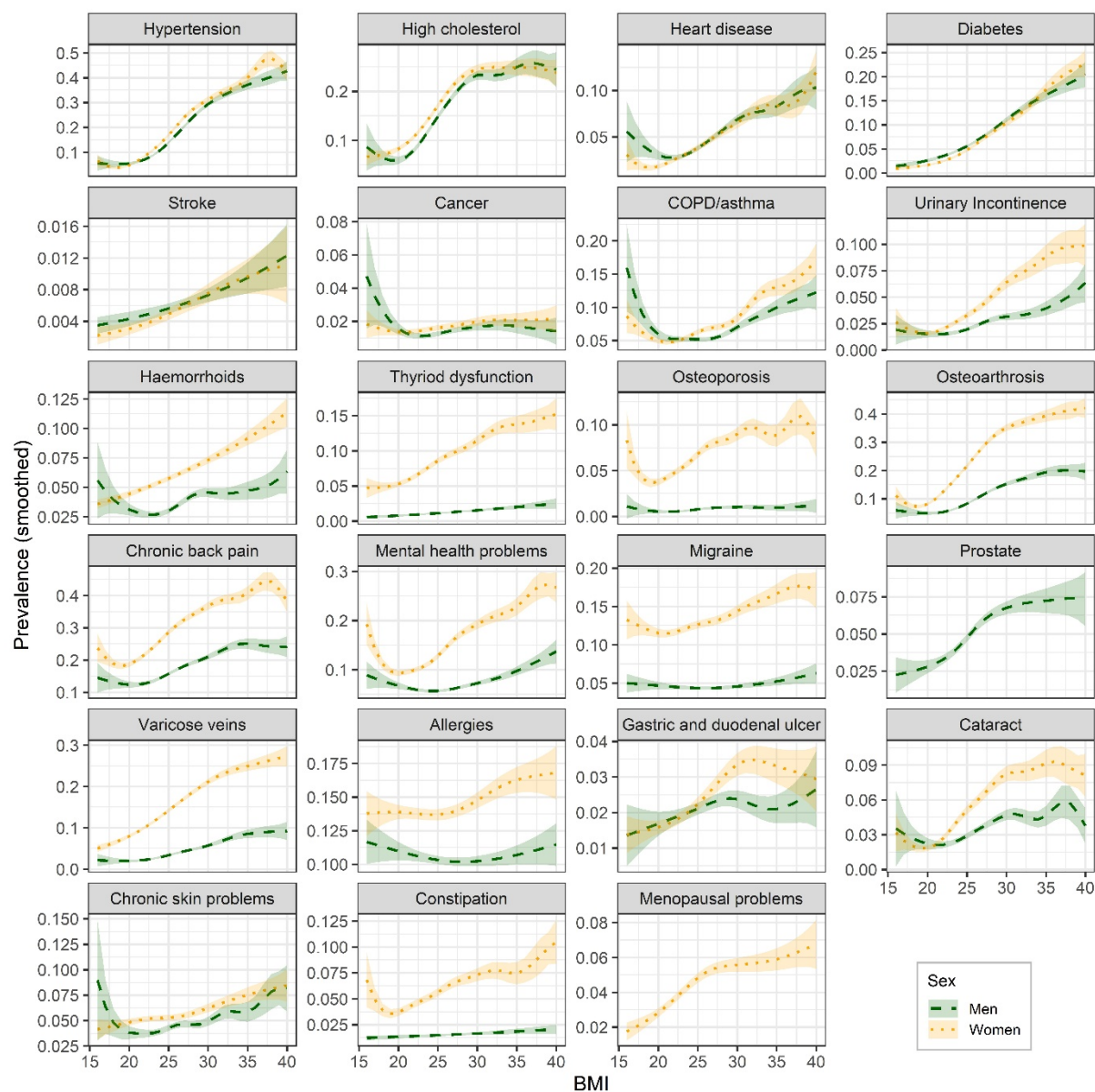


Figure S2. Prevalence (smoothed) of chronic conditions according to BMI and age groups. Spain 2006, 2011/12, 2014, 2017, 2019/20 (pooled). Ages 20-84.

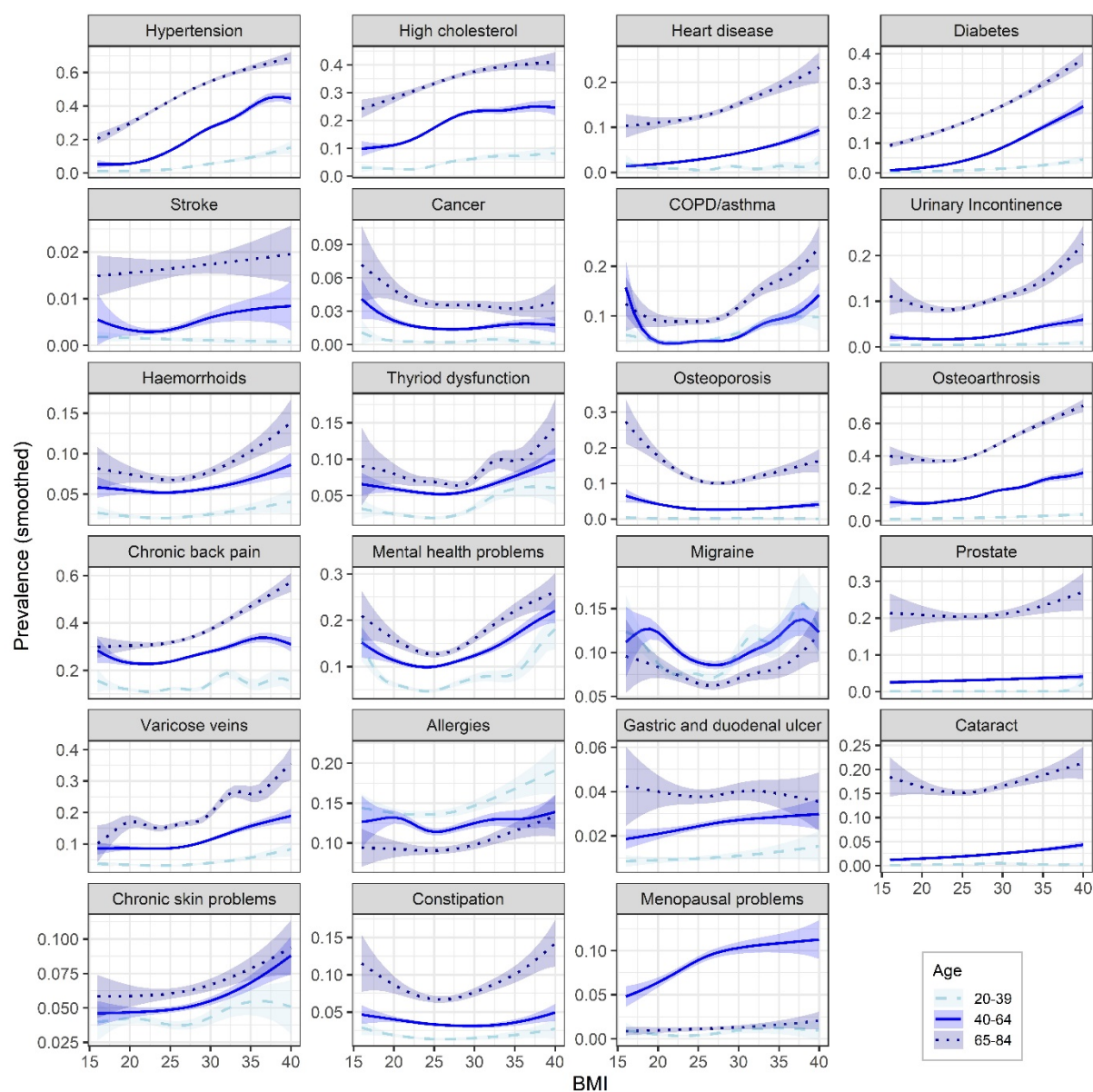


Figure S3. Prevalence (smoothed) of chronic conditions according to BMI and survey years. Spain 2006, 2011/12 and 2014 (pooled) versus 2017 and 2019/20 (pooled). Ages 20-84.

