

**Table S1. Definition of study variables used in our investigation according to the questions included in the European Health Survey for Spain 2020 and 2014 and the Spanish National Health Interview Surveys for years 2017 and 2012.**

QUESTIONS	DESCRIPTION AND ANSWER	VARIABLE NAME	CATEGORIES
<i>Were you vaccinated against influenza during the last vaccination campaign?</i>	Those that answered "Yes" were considered vaccinated.	Influenza vaccination	No Yes
<i>Which is your sex?</i>	Man Woman	Gender	Male: when answered "man". Female: when answered "woman".
<i>How old are you?</i>	Age in years	Age groups	18-54 55-64 65-74 75 or older
<i>What is your legal civil status?</i>	1. Single 2. Married 3. Widower 4. Separated 5. Divorced	Marital status	Single: option 1 Married: option 2 Other: option 3,4 and 5.
<i>Please, indicate the highest level of education you have completed.</i>	1. Does not know how to read or write 2. Incomplete primary education 3. Complete primary education 4. First stage of Secondary Education, with or without a qualification 5. Elementary Spanish Upper Secondary Education 6. Upper secondary education 7. Intermediate vocational training or equivalent 8. Advanced vocational training or equivalent 9. University studies or equivalent 10. Over university (master, PhD....)	Educational level	1. Primary school or less: Options 1 to 3 2. Secondary school or equivalent: Options 4 to 8 3. Higher education: Options 9 and 10
<i>What occupation, profession or job do you perform in your actual position?</i>	Occupations are coded following the National Classification of Occupations 2011 (CNO2011)	Social status	1. Upper 2. Medium 3. Lower
<i>#1. Could you tell me what your height is, without shoes?</i>	Body mass index is calculated with height and weight	Obesity	1. Yes: If body mass index is 30 or over

<p>#2. Could you tell me how much you weigh, without clothes or shoes?</p>			<p>2. No: If body mass index is under 30</p>
<p>Could you tell me if you smoke?</p>	<ol style="list-style-type: none"> <li>1. Yes, I smoke daily</li> <li>2. Yes, I smoke, but not daily</li> <li>3. I don't currently smoke but have smoked before</li> <li>4. I neither smoke nor have I ever smoked regularly</li> </ol>	<p>Smoking habits</p>	<ol style="list-style-type: none"> <li>1. Yes: Options 1 and 2</li> <li>2. No: Options 3 and 4</li> </ol>
<p>During the past 12 months, how often have you had alcoholic beverages of any kind (i.e. beer, wine, spirits, distilled and mixed drinks, or other alcoholic beverages)?</p>	<ol style="list-style-type: none"> <li>1. Daily or almost daily</li> <li>2. 5-6 days per week</li> <li>3. 3-4 days per week</li> <li>4. 1-2 days per week</li> <li>5. 2-3 days in a month</li> <li>6. Once a month</li> <li>7. Less than once a month</li> <li>8. Not in the last 12 months, have I stopped drinking</li> <li>9. Never or just a few sips to taste it throughout life</li> </ol>	<p>Alcohol consumption</p>	<ol style="list-style-type: none"> <li>1. Yes: Options 1 to 6</li> <li>2. No: Option 7 to 9</li> </ol>
<p>Which of these possibilities best describes how often you do some physical activity in your free time?</p>	<ol style="list-style-type: none"> <li>1. I don't exercise. I occupy my free time almost completely sedentary</li> <li>2. I do some occasional physical or sports activity</li> <li>3. I do physical activity several times a month</li> <li>4. I do sports or physical training several times a week</li> </ol>	<p>Physical activity</p>	<ol style="list-style-type: none"> <li>1. No: Option 1</li> <li>2. Yes: Option 2 to 4</li> </ol>
<p>In the last 12 months, how would you rate your health?</p>	<ol style="list-style-type: none"> <li>1. Very good</li> <li>2. Good</li> <li>3. Fair</li> <li>4. Bad</li> <li>5. Very bad</li> </ol>	<p>Self-rated Health</p>	<ol style="list-style-type: none"> <li>1. Very good/good: Options 1 and 2</li> <li>2. Fair/poor/very poor: Options 3 to 5</li> </ol> <p>1. Very good/good: Options 1 and 2</p>
<p>#1. Do you have, or have you ever had any of the following diseases or medical conditions? Those who answered "yes" completed question #2</p>	<p>A list of 32 conditions was given to the interviewee including: myocardial infarction</p>	<p>Myocardial infarction</p>	<p>Yes: when answered affirmatively to the question #3 for myocardial infarction.</p> <p>No: any other given answer</p>
<p>#2. Have you suffered from that disease/medical condition over the last 12 months? Those who answered "yes" completed question #3</p>	<p>A list of 32 conditions was given to the interviewee including: asthma, emphysema, chronic obstructive pulmonary disease and/or chronic bronchitis.</p>	<p>Respiratory diseases</p>	<p>Yes: when answered affirmatively to the question for any of the listed chronic conditions.</p> <p>No: any other given answer.</p>
<p>#3. Have you been diagnosed by a physician with this disease/health condition?</p>	<p>A list of 32 conditions was given to the interviewee including Diabetes Mellitus.</p>	<p>Diabetes Mellitus</p>	<p>Yes: when answered affirmatively to the question #3 for diabetes mellitus.</p> <p>No: any other given answer</p>

---

A list of 32 conditions was given to the interviewee including: Malignant Tumors

---

Cancer

---

Yes: when answered affirmatively to the question for Malignant Tumors.

---

No: any other given answer.

---

A list of 32 conditions was given to the interviewee including: stroke

Stroke

Yes: when answered affirmatively to the question for Stroke.

No: any other given answer

---

**Table S2. Distribution of study population according to study variable in patients with and without diabetes in Spain. European Health Survey 2020 (EHS2020).**

VARIABLES	DM	NO DM	TOTAL	P-value
	N (%)	N (%)	N (%)	
<b>Age groups (years)</b>				
18-49	136 (6.60)	136 (6.60)	272 (6.60)	1
50-64	509 (24.80)	509 (24.80)	1018 (24.80)	1
65-74	630 (30.70)	630 (30.70)	1260 (30.70)	1
75 or older	774 (37.80)	774 (37.80)	1548 (37.80)	1
<b>Gender</b>				
Male	1032 (50.40)	1032 (50.40)	2064 (50.40)	1
Female	1017 (49.60)	1017 (49.60)	2034 (49.60)	1
<b>Social status</b>				
Upper	228 (11.80)	342 (17.90)	570 (13.90)	<0.001
Medium	653 (33.80)	656 (34.30)	1309 (31.90)	0.956
Lower	1050 (54.40)	914 (47.80)	1964 (47.90)	0.002
<b>Marital status</b>				
Single	238 (11.60)	241 (11.80)	479 (11.70)	0.927
Married	1112 (54.30)	1125 (55.00)	2237 (54.60)	0.800
Other	698 (34.10)	678 (33.20)	1376 (33.60)	0.609
<b>Educational level</b>				
Primary	946 (46.20)	1147 (56.00)	2093 (51.10)	<0.001
Secondary	701 (34.20)	637 (31.10)	1338 (32.70)	0.085
Higher	402 (19.60)	265 (12.90)	667 (16.30)	<0.001
<b>Obesity</b>				
No	1330 (70.00)	1562 (82.00)	2892 (70.60)	<0.001
Yes	571 (30.00)	344 (18.00)	915 (22.30)	<0.001
<b>Physical activity</b>				
No	1001 (48.90)	858 (41.90)	1859 (45.40)	0.001
Yes	1048 (51.10)	1191 (58.10)	2239 (54.60)	0.003
<b>Smoking habits</b>				
No	1745 (85.20)	1719 (84.10)	3464 (84.60)	0.671
Yes	304 (14.80)	325 (15.90)	629 (15.40)	0.425
<b>Alcohol consumption</b>				
No	1308 (63.90)	1172 (57.30)	0 (0.00)	0.007
Yes	738 (36.10)	874 (42.70)	1612 (39.40)	0.001
<b>Self-Rated Health</b>				
Very good or good	817 (39.90)	1005 (49.00)	1822 (44.50)	<0.001
Regular	780 (38.10)	683 (33.30)	1463 (35.70)	0.012
Poor or very poor	452 (22.10)	361 (17.60)	813 (19.80)	0.002
<b>Myocardial infarction</b>				
No	1899 (92.70)	1965 (95.90)	3864 (94.30)	0.296
Yes	150 (7.30)	84 (4.10)	234 (5.70)	<0.001
<b>Respiratory diseases</b>				
No	1786 (87.20)	1855 (90.50)	3641 (88.80)	0.26
Yes	263 (12.80)	194 (9.50)	457 (11.20)	0.001
<b>Cancer</b>				
No	1876 (91.60)	1884 (91.90)	3760 (91.80)	0.909
Yes	173 (8.40)	165 (8.10)	338 (8.20)	0.703
<b>Stroke</b>				
No	1922 (93.80)	1981 (96.70)	3903 (95.20)	0.353
Yes	127 (6.20)	68 (3.30)	195 (4.80)	<0.001

DM: Individuals with Diabetes Mellitus. NO DM: Individuals without Diabetes Mellitus.