

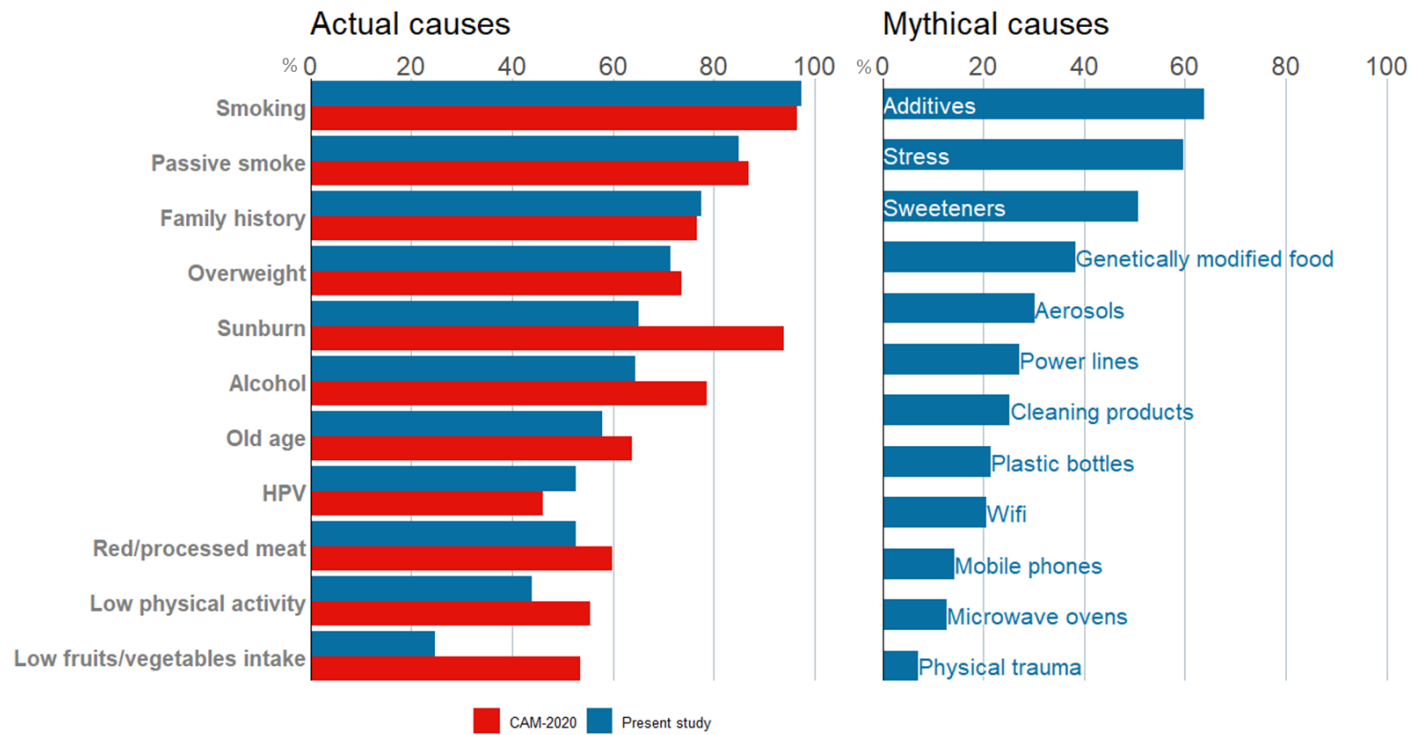
Everything causes cancer? Beliefs and attitudes towards cancer prevention among anti-vaxxers, flat-earthers, and reptilian conspiracists: online cross-sectional survey

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Supplemental Figure 1. Overall endorsement of actual and mythical causes.

Endorsement of actual and mythical causes of cancer



Benchmark data from the Cancer Research UK were included for comparison; cancer awareness measure (CAM-2020) responses refer to the responses online from Connor et al. Awareness of the signs, symptoms, and risk factors of cancer and the barriers to seeking help in the UK: Comparison of survey data collected online and face-to-face. JMIR Cancer 2020;6:e14539. doi:10.2196/14539. HPV= human papillomavirus

Supplemental Table 1. Descriptive characteristics by type of responders

	Partial responders *		Full responders		P-value †
	N	(%)	N	(%)	
Age					0.021
	<25	60 (23.1)	243 (16.3)		
	25–34	101 (38.8)	657 (44.0)		
	35–44	56 (21.5)	402 (26.9)		
	45+	34 (13.1)	192 (12.9)		
	NK/NO	9 (3.5)	0 (0.0)		
Sex					0.003 ‡
	Female	41 (15.8)	263 (17.6)		
	Male	205 (78.8)	1198 (80.2)		
	Non binary/others	11 (4.2)	19 (1.3)		
	NK/NO	3 (1.2)	14 (0.9)		
Region					0.013
	Europe	208 (80.0)	1311 (87.8)		
	South America	18 (6.9)	73 (4.9)		
	North America	17 (6.5)	83 (5.6)		
	Asia and Oceania	1 (0.4)	15 (1.0)		
	Africa	3 (1.2)	2 (0.1)		
	NK/NO	13 (5.0)	10 (0.7)		
Education					0.001
	Less than college	142 (54.6)	670 (44.8)		
	College or more	112 (43.1)	818 (54.8)		
	NK/NO	6 (2.3)	6 (0.4)		
Medical occupation					0.715
	No	219 (84.2)	1289 (86.3)		
	Yes	34 (13.1)	186 (12.4)		
	NK/NO	7 (2.7)	19 (1.3)		
COVID-19 vaccination					0.591
	1 dose or more	205 (78.8)	1285 (86.0)		
	Unvaccinated	37 (14.2)	209 (14.0)		
	NK/NO	18 (6.9)	0 (0.0)		
Believes in flat earth or shapeshifting lizards					<0.001
	No	7 (2.7)	1375 (92.0)		
	Yes	7 (2.7)	62 (4.1)		
	NK/NO	246 (94.6)	57 (3.8)		
Preferences on type of medicine					0.090
	Conventional or unsure	225 (86.5)	1367 (91.5)		
	Alternative	27 (10.4)	112 (7.5)		
	NK/NO	8 (3.1)	15 (1.0)		
Source					0.030
	Cancer blog	14 (5.4)	62 (4.1)		
	4Chan, Hispachan, Reddit, and others	62 (23.8)	263 (17.6)		
	ForoCoches	184 (70.8)	1169 (78.2)		

* Includes low quality surveys (N=14)

† Chi squared, calculated without missing values

‡ P-value= 0.613 excluding non-binary/others

NK/NO = Not known / no answer

Supplemental Table 2. Cancer awareness measures by sociodemographic factors.

		Total sample (N)	CAM-total ‡ % correct (IQR)	CAM ‡ % correct (IQR)	CAM-MYCS ‡ % correct (IQR)	
Overall		1494	47.8 (39.1-60.9)	63.6 (45.5-81.8)	41.7 (16.7-58.3)	
Age						
	<i><25 (ref*)</i>	243	56.5 (43.5-65.2)	63.6 (54.5-81.8)	50.0 (25.0-66.7)	
	<i>25-34</i>	657	47.8 (39.1-60.9)	† 63.6 (45.5-81.8)	33.3 (16.7-58.3)	†
	<i>35-44</i>	402	47.8 (39.1-60.9)	† 63.6 (45.5-81.8)	41.7 (16.7-58.3)	†
	<i>45+</i>	192	45.7 (34.8-52.2)	† 63.6 (36.4-81.8)	† 33.3 (8.3-50.0)	†
Sex						
	<i>Female (ref*)</i>	263	47.8 (39.1-56.5)	63.6 (54.5-81.8)	25.0 (8.3-50.0)	
	<i>Male</i>	1198	52.2 (39.1-60.9)	† 63.6 (45.5-81.8)	41.7 (16.7-58.3)	†
	<i>Non binary</i>	19	52.2 (39.1-65.2)	54.5 (36.4-81.8)	† 41.7 (16.7-66.7)	
Education						
	<i>Less than college (ref*)</i>	670	47.8 (34.8-56.5)	54.5 (45.5-72.7)	33.3 (8.3-50.0)	
	<i>College or more</i>	818	52.2 (39.1-65.2)	† 72.7 (54.5-81.8)	† 41.7 (16.7-58.3)	†
Region						
	<i>Europe (ref*)</i>	1311	47.8 (39.1-60.9)	63.6 (45.5-81.8)	41.7 (16.7-58.3)	
	<i>Others</i>	173	47.8 (39.1-58.7)	† 63.6 (45.5-81.8)	33.3 (16.7-58.3)	
Medical occupation						
	<i>No (ref*)</i>	1289	47.8 (39.1-60.9)	63.6 (45.5-81.8)	41.7 (16.7-58.3)	
	<i>Yes</i>	186	52.2 (43.5-69.6)	† 72.7 (54.5-90.9)	† 33.3 (8.3-58.3)	
BMI						
	<i><25 (ref*)</i>	814	52.2 (39.1-65.2)	63.6 (54.5-81.8)	41.7 (16.7-58.3)	
	<i>25-29.9</i>	449	47.8 (34.8-60.9)	63.6 (45.5-81.8)	33.3 (16.7-58.3)	
	<i>30+</i>	158	47.8 (39.1-60.9)	54.5 (45.5-72.7)	† 41.7 (16.7-58.3)	†
Alcohol						
	<i>No (ref*)</i>	1003	47.8 (39.1-60.9)	63.6 (45.5-81.8)	41.7 (16.7-58.3)	
	<i>Yes</i>	436	47.8 (39.1-60.9)	63.6 (45.5-72.7)	41.7 (16.7-58.3)	
Smoking						
	<i>Never (ref*)</i>	895	52.2 (39.1-65.2)	63.6 (54.5-81.8)	41.7 (16.7-58.3)	
	<i>Ever</i>	527	47.8 (34.8-60.9)	† 63.6 (45.5-81.8)	33.3 (8.3-58.3)	†
Past history of cancer						
	<i>No (ref*)</i>	1406	47.8 (39.1-60.9)	63.6 (45.5-81.8)	41.7 (16.7-58.3)	
	<i>Yes</i>	64	47.8 (34.8-59.8)	63.6 (45.5-81.8)	33.3 (8.3-58.3)	
Source						
	<i>Cancer blog (ref*)</i>	62	43.5 (34.8-47.8)	72.7 (54.5-81.8)	16.7 (0.0-35.4)	
	<i>4Chan, Hispachan, Reddit, and others</i>	263	52.2 (39.1-65.2)	† 63.6 (45.5-81.8)	41.7 (16.7-66.7)	†
	<i>ForoCoches</i>	1169	47.8 (39.1-60.9)	63.6 (45.5-81.8)	41.7 (16.7-58.3)	

‡ Refers to the median percentage of correct responses for the 11 CAM, 12 CAM-MYCS, and 23 total CAM items. * ref= reference category in multivariable analysis. † Categories associated with independent variables in the multivariable regression analyses. Models were adjusted for COVID-19 vaccination, conspiracy beliefs, preferences for type of medicine, age, sex, education level, region, medical occupation, BMI, alcohol intake, smoking, past history of cancer, and source of the survey. BMI: Body Mass Index; CAM: Cancer Awareness Measure; CAM-MYCS: Cancer Awareness Measure- MYthical Causes Scale; CAM-total: aggregated cancer awareness measures; IQR: interquartile range.

Supplemental Table 3. Endorsement of cancer causes by risk factors.

Item evaluated	Risk factor	Total sample (N)	Endorsement N (%)	OR (95%-CI)	P-value
<i>Being over 70 years old</i>	Age				
	<i>Overall</i>	1494	866 (58.0)		
	<i><25</i>	243	173 (71.2)	Reference	
	<i>25-34</i>	657	376 (57.2)	0.53 (0.37-0.75)	<0.001
	<i>35-44</i>	402	223 (55.5)	0.51 (0.35-0.74)	<0.001
	<i>45+</i>	192	94 (49.0)	0.46 (0.29-0.72)	0.001
					P-trend=0.003
<i>Being overweight (BMI over 25)</i>	BMI				
	<i>Overall</i>	1494	1066 (71.4)		
	<i><25</i>	814	606 (74.4)	Reference	
	<i>25-29.9</i>	449	310 (69.0)	0.82 (0.63-1.07)	0.144
	<i>30+</i>	158	101 (63.9)	0.64 (0.44-0.93)	0.021
					P-trend=0.015
<i>Smoking any cigarettes at all</i>	Smoking				
	<i>Overall</i>	1494	1455 (97.4)		
	<i>Never</i>	895	873 (97.5)	Reference	
	<i>Ever</i>	527	513 (97.3)	1.06 (0.47-2.35)	0.893
<i>Passive smoking</i>	Smoking				
	<i>Overall</i>	1494	1271 (85.1)		
	<i>Never</i>	895	788 (88.0)	Reference	
	<i>Ever</i>	527	427 (81.0)	0.60 (0.43-0.84)	0.003
<i>Drinking >1 unit of alcohol/day</i>	Alcohol				
	<i>Overall</i>	1494	964 (64.5)		
	<i>No</i>	1003	676 (67.4)	Reference	
	<i>Yes</i>	436	257 (58.9)	0.77 (0.60-0.99)	0.039

Models were adjusted for COVID-19 vaccination, conspiracy beliefs, preferences for type of medicine, age, sex, education level, region, medical occupation, BMI, alcohol intake, smoking, past history of cancer, and source of the survey.

BMI: Body Mass Index, OR: Odds Ratio, CI: Confidence Interval.

Supplemental Table 4. Agreement with the statement ‘It seems like everything causes cancer’ by sociodemographic and cancer risk factors.

	Agreement with the statement ‘It seems like everything causes cancer’		OR (95%-CI)	P-value	
	Strongly disagree, disagree, or not sure	Agree or strongly agree			
	N (%)	N (%)			
Age					
	<25	124 (51.0%)	119 (49.0%)	Reference	
	25-34	334 (50.8%)	323 (49.2%)	0.91 (0.66-1.26)	0.579
	35-44	236 (58.7%)	166 (41.3%)	0.65 (0.45-0.93)	0.017
	45+	127 (66.1%)	65 (33.9%)	0.48 (0.30-0.74)	0.001
				P-trend<0.001	
Sex					
	Female	137 (52.1%)	126 (47.9%)	Reference	
	Male	666 (55.6%)	532 (44.4%)	0.60 (0.44-0.81)	0.001
	Non binary	10 (52.6%)	9 (47.4%)	0.72 (0.26-2.00)	0.524
Region					
	Europe	718 (54.8%)	593 (45.2%)	Reference	
	Others	95 (54.9%)	78 (45.1%)	1.56 (1.00-2.45)	0.052
Education					
	Less than college	353 (52.7%)	317 (47.3%)	Reference	
	College or more	465 (56.8%)	353 (43.2%)	0.87 (0.06-1.68)	0.216
Medical occupation					
	No	696 (54.0%)	593 (46.0%)	Reference	
	Yes	116 (62.4%)	70 (37.6%)	0.73 (0.52-1.03)	0.070
BMI					
	<25	450 (55.3%)	364 (44.7%)	Reference	
	25-29.9	240 (53.5%)	209 (46.5%)	1.14 (0.89-1.46)	0.295
	30+	88 (55.7%)	70 (44.3%)	1.08 (0.75-1.55)	0.696
				P-trend=0.655	
Alcohol					
	No	575 (57.3%)	428 (42.7%)	Reference	
	Yes	212 (48.6%)	224 (51.4%)	1.56 (1.22-1.98)	<0.001
Smoking					
	Never	497 (55.5%)	398 (44.5%)	Reference	
	Ever	280 (53.1%)	247 (46.9%)	1.07 (0.85-1.36)	0.565
Past history of cancer					
	No	770 (54.8%)	636 (45.2%)	Reference	
	Yes	41 (64.1%)	23 (35.9%)	0.92 (0.53-1.59)	0.757
Source					
	Cancer blog	48 (77.4%)	14 (22.6%)	Reference	
	Hispanchan, 4Chan, Reddit, and others	157 (59.7%)	106 (40.3%)	1.98 (0.96-4.08)	0.064
	ForoCoches	616 (52.7%)	553 (47.3%)	3.68 (1.79-7.56)	<0.001

Models were adjusted for COVID-19 vaccination, conspiracy beliefs, preferences for type of medicine, age, sex, education level, region, medical occupation, BMI, alcohol intake, smoking, past history of cancer, and source of the survey.

BMI: Body Mass Index, OR: Odds Ratio, CI: Confidence Interval.

Supplemental Table 5. Cancer screening knowledge based on sociodemographic factors, conspiracy beliefs, and health characteristics.

	Total sample (N)	Established			Non-established		
		Breast % correct (95% CI)	Colorectal % correct (95% CI)	Cervical % correct (95% CI)	Lung % correct (95% CI)	Ovary % correct (95% CI)	Prostate % correct (95% CI)
Overall	1445	86.9 (85.1-88.6)	69.3 (66.9-71.7)	50.0 (47.4-52.6)	73.6 (71.2-75.8)	66.0 (63.5-68.5)	27.9 (25.6-30.3)
COVID-19 vaccination							
<i>1 dose or more (ref*)</i>	1241	88.0 (86.1-89.8)	69.9 (67.2-72.4)	50.4 (47.6-53.3)	73.8 (71.3-76.2)	66.3 (63.6-68.9)	27.6 (25.1-30.1)
<i>Unvaccinated</i>	204	80.4 (74.3-85.6)	66.2 (59.2-72.6)	47.5 (40.5-54.6)	72.1 (65.4-78.1)	64.2 (57.2-70.8)	29.9 (23.7-36.7)
Believes in flat earth or shapeshifting lizards							
<i>No (ref*)</i>	1375	87.3 (85.5-89.1)	70.3 (67.8-72.7)	50.5 (47.9-53.2)	73.6 (71.2-75.9)	65.8 (63.2-68.3)	27.2 (24.9-29.6)
<i>Yes</i>	62	79.0 (66.8-88.3)	51.6 (38.6-64.5) †	41.9 (29.5-55.2)	72.6 (59.8-83.1)	69.4 (56.3-80.4)	37.1 (25.2-50.3)
Preferences on type of medicine							
<i>Conventional or unsure (ref*)</i>	1321	87.6 (85.7-89.3)	70.1 (67.5-72.6)	50.6 (47.8-53.3)	73.8 (71.3-76.2)	66.2 (63.5-68.7)	26.9 (24.6-29.4)
<i>Alternative</i>	110	80.0 (71.3-87.0)	60.0 (50.2-69.2)	43.6 (34.2-53.4)	69.1 (59.6-77.6)	64.5 (54.9-73.4)	37.3 (28.2-47.0)
Age							
<i><25 (ref*)</i>	237	80.6 (75.0-85.4)	60.8 (54.2-67.0)	40.1 (33.8-46.6)	65.8 (59.4-71.8)	64.1 (57.7-70.2)	26.2 (20.7-32.2)
<i>25-34</i>	634	89.0 (86.3-91.3) †	68.8 (65.0-72.4)	52.2 (48.2-56.2) †	73.2 (69.6-76.6) †	62.8 (58.9-66.6)	27.4 (24.0-31.1)
<i>35-44</i>	387	88.9 (85.3-91.8)	71.6 (66.8-76.0)	55.0 (49.9-60.1) †	74.2 (69.5-78.5) †	66.7 (61.7-71.3)	26.4 (22.0-31.0)
<i>45+</i>	187	84.0 (77.9-88.9)	77.5 (70.9-83.3) †	44.9 (37.7-52.3)	83.4 (77.3-88.4) †	78.1 (71.5-83.8) †	34.8 (28.0-42.1) †
Sex							
<i>Female (ref*)</i>	253	87.4 (82.6-91.2)	71.5 (65.6-77.0)	68.0 (61.9-73.7)	82.6 (77.4-87.1)	69.6 (63.5-75.2)	40.3 (34.2-46.6)
<i>Male</i>	1160	87.2 (85.1-89.0)	69.3 (66.6-72.0)	46.3 (43.4-49.2) †	71.6 (68.9-74.2) †	65.4 (62.6-68.2)	25.1 (22.6-27.7) †
<i>Non binary</i>	19	78.9 (54.4-93.9)	52.6 (28.9-75.6)	42.1 (20.3-66.5) †	63.2 (38.4-83.7)	52.6 (28.9-75.6)	31.6 (12.6-56.6)
Education							
<i>Less than college (ref*)</i>	642	84.3 (81.2-87.0)	65.7 (61.9-69.4)	43.9 (40.0-47.9)	70.4 (66.7-73.9)	63.9 (60.0-67.6)	30.1 (26.5-33.8)
<i>College or more</i>	797	89.2 (86.8-91.3)	72.3 (69.0-75.4)	55.1 (51.6-58.6) †	75.9 (72.8-78.8)	67.8 (64.4-71.0)	26.0 (23.0-29.2) †
Region							
<i>Europe (ref*)</i>	1269	88.2 (86.3-89.9)	71.6 (69.1-74.1)	50.4 (47.6-53.1)	74.1 (71.6-76.5)	66.0 (63.4-68.6)	26.4 (24.0-28.9)
<i>Others</i>	169	77.5 (70.5-83.6)	53.3 (45.4-61.0) †	47.9 (40.2-55.7)	71.6 (64.2-78.3) †	66.9 (59.2-73.9)	39.1 (31.7-46.8)
Medical occupation							
<i>No (ref*)</i>	1248	86.1 (84.0-87.9)	68.1 (65.4-70.7)	47.4 (44.6-50.2)	72.8 (70.3-75.3)	65.3 (62.6-67.9)	26.9 (24.5-29.5)
<i>Yes</i>	179	92.7 (87.9-96.1) †	77.7 (70.8-83.5) †	68.7 (61.4-75.4) †	78.2 (71.4-84.0)	69.8 (62.5-76.5)	35.2 (28.2-42.7)
BMI							
<i><25 (ref*)</i>	814	86.6 (84.1-88.9)	68.2 (64.9-71.4)	49.9 (46.4-53.4)	73.8 (70.7-76.8)	66.5 (63.1-69.7)	29.0 (25.9-32.2)
<i>25-29.9</i>	449	86.6 (83.1-89.6)	69.0 (64.5-73.3)	49.0 (44.3-53.7)	75.7 (71.5-79.6)	67.7 (63.2-72.0)	26.9 (22.9-31.3)
<i>30+</i>	158	88.0 (81.9-92.6)	76.6 (69.2-82.9)	54.4 (46.3-62.4)	65.8 (57.9-73.2) †	58.2 (50.1-66.0) †	24.1 (17.6-31.5)
Alcohol							
<i>No (ref*)</i>	1003	87.0 (84.8-89.1)	67.9 (64.9-70.8)	50.6 (47.5-53.8)	73.8 (70.9-76.5)	66.3 (63.3-69.2)	27.6 (24.9-30.5)
<i>Yes</i>	436	86.9 (83.4-89.9)	72.9 (68.5-77.1)	49.1 (44.3-53.9)	72.7 (68.3-76.8)	65.1 (60.5-69.6)	28.4 (24.2-32.9)
Smoking							
<i>Never (ref*)</i>	895	86.4 (83.9-88.5)	68.7 (65.6-71.7)	50.3 (47.0-53.6)	75.1 (72.1-77.9)	67.3 (64.1-70.3)	28.2 (25.2-31.2)
<i>Ever</i>	527	88.0 (85.0-90.7)	70.4 (66.3-74.3)	50.5 (46.1-54.8)	71.0 (66.9-74.8)	63.2 (58.9-67.3)	27.3 (23.6-31.3)
Past history of cancer							
<i>No (ref*)</i>	1366	87.0 (85.1-88.8)	69.0 (66.5-71.5)	50.0 (47.3-52.7)	74.1 (71.7-76.4)	66.3 (63.7-68.8)	27.8 (25.5-30.3)
<i>Yes</i>	63	84.1 (72.7-92.1)	74.6 (62.1-84.7)	49.2 (36.4-62.1)	69.8 (57.0-80.8) †	63.5 (50.4-75.3)	31.7 (20.6-44.7)
Source							
<i>Cancer blog (ref*)</i>	60	86.7 (75.4-94.1)	66.7 (53.3-78.3)	56.7 (43.2-69.4)	75.0 (62.1-85.3)	65.0 (51.6-76.9)	43.3 (30.6-56.8)
<i>4Chan, Hispachan, Reddit, and others</i>	254	79.5 (74.0-84.3)	57.1 (50.8-63.3)	47.6 (41.4-54.0)	77.6 (71.9-82.5) †	72.8 (66.9-78.2) †	37.4 (31.4-43.7)
<i>ForoCoches</i>	1131	88.6 (86.6-90.4)	72.2 (69.5-74.8) †	50.2 (47.3-53.2)	72.6 (69.9-75.2)	64.5 (61.7-67.3)	24.9 (22.4-27.6)

* Reference category in multivariable analyses. † Categories associated with independent variables in the multivariable regression analyses. Models were adjusted for COVID-19 vaccination, conspiracy beliefs, preferences for type of medicine, age, sex, education level, region, medical occupation, BMI, alcohol intake, smoking, past history †, and source of the survey. BMI: Body Mass Index. CI: Confidence Interval.

Supplemental Table 6. Weighted analyses conducted using representative population data on age, sex, and education among the respondents residing in Spain.

	Adjusted %	CAM-total % correct (IQR)	CAM % correct (IQR)	CAM-MYCS % correct (IQR)
Overall	100.0	47.8 (34.8-56.5)	63.6 (45.5-81.8)	33.3 (8.3-50.0)
COVID-19 vaccination				
<i>1 dose or more (ref*)</i>	87.5	47.8 (34.8-60.9)	63.6 (45.5-81.8)	33.3 (8.3-58.3)
<i>Unvaccinated</i>	12.5	43.5 (34.8-47.8)	54.5 (45.5-81.8)	25.0 (8.3-50.0)
Believes in flat earth or shapeshifting lizards				
<i>No (ref*)</i>	91.4	47.8 (34.8-60.9)	63.6 (45.5-81.8)	33.3 (8.3-50.0)
<i>Yes</i>	2.8	47.8 (39.1-47.8)	45.5 (45.5-72.7) †	41.7 (8.3-50.0)
Preferences on type of medicine				
<i>Conventional or unsure (ref*)</i>	94.1	47.8 (34.8-60.9)	63.6 (45.5-81.8)	33.3 (8.3-50.0)
<i>Alternative</i>	4.8	43.5 (34.8-47.8)	54.5 (36.4-72.7)	25.0 (8.3-50.0)
Medical occupation				
<i>No (ref*)</i>	85.4	43.5 (34.8-56.5)	63.6 (45.5-72.7)	33.3 (8.3-50.0)
<i>Yes</i>	14.0	52.2 (34.8-65.2)	72.7 (54.5-90.9)	33.3 (8.3-50.0)
BMI				
<i><25 (ref*)</i>	49.3	47.8 (39.1-60.9)	63.6 (45.5-81.8)	33.3 (8.3-50.0)
<i>25-29.9</i>	30.4	43.5 (34.8-56.5)	63.6 (45.5-81.8)	25.0 (8.3-50.0)
<i>30+</i>	13.2	47.8 (34.8-52.2)	54.5 (36.4-72.7)	33.3 (8.3-50.0)
Alcohol				
<i>No (ref*)</i>	70.2	47.8 (34.8-56.5)	63.6 (45.5-81.8)	25.0 (8.3-50.0)
<i>Yes</i>	24.2	43.5 (39.1-60.9)	63.6 (45.5-72.7)	41.7 (16.7-58.3)
Smoking				
<i>Never (ref*)</i>	49.0	47.8 (39.1-60.9)	63.6 (45.5-81.8)	33.3 (8.3-58.3)
<i>Ever</i>	45.0	43.5 (34.8-52.2)	63.6 (45.5-72.7)	25.0 (8.3-50.0)
Past history of cancer				
<i>No (ref*)</i>	95.9	47.8 (34.8-60.9)	63.6 (45.5-81.8)	33.3 (8.3-50.0)
<i>Yes</i>	3.0	43.5 (34.8-52.2)	54.5 (45.5-81.8)	25.0 (8.3-50.0)

* Reference category in multivariable analyses. † Categories associated with independent variables in the multivariable regression analyses. Models were adjusted for COVID-19 vaccination, conspiracy beliefs, preferences for type of medicine, age, sex, education level, medical occupation, BMI, alcohol intake, smoking, and past history of cancer. Percentages are not added to the total because of missing values. CAM: Cancer Awareness Measure, CAM-MYCS: Cancer Awareness Measure-MYthical Causes Scale, CAM-total: aggregated cancer awareness measures. BMI: Body Mass Index; IQR: Interquartile Range.