

Supplementary information

**Supplementary Table 1.** Definition of cooking methods explored in this study.

Cooking method	Definition
Boiling	Cooking of food by immersion in water that has been heated to near its boiling point.
Oven-cooked	Baking or roasting.
Steaming	Using hot steam generated from water to cook food.
Grilling	Cooked over fire or hot coals, usually on a metal frame.
Gratinating	Any dish that is topped with cheese or breadcrumbs mixed with butter, then heated in the oven or under the broiler until brown and crispy
Fried	Cooked in hot fat or oil
Roasted	Cooked by prolonged exposure to heat in an oven or over a fire.

**Supplementary Table 2.** Weighted multivariable analyses of the associations between cooking methods and socio-demographic, lifestyle, and anthropometric factors, including income instead of education, in the Swiss Population: National Nutrition Survey 2014-2015.

	<b>Boiled</b>	<b>Oven-cooked</b>	<b>Steamed</b>	<b>Grilled</b>	<b>Gratinated</b>
<b>Age (years)</b>					
18-34	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
35-44	0.99 (0.63 - 1.56)	0.95 (0.67 - 1.35)	0.92 (0.58 - 1.48)	0.91 (0.55 - 1.51)	0.93 (0.55 - 1.56)
45-54	0.83 (0.54 - 1.28)	0.85 (0.59 - 1.23)	0.86 (0.55 - 1.34)	1.06 (0.66 - 1.69)	1.06 (0.64 - 1.74)
55-64	0.93 (0.56 - 1.55)	0.98 (0.68 - 1.41)	1.14 (0.66 - 1.98)	1.24 (0.76 - 2.04)	0.86 (0.51 - 1.45)
65+	0.86 (0.55 - 1.36)	1.12 (0.79 - 1.60)	0.85 (0.49 - 1.45)	0.78 (0.47 - 1.29)	1.24 (0.72 - 2.15)
<b>Gender</b>					
Women	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Men	0.90 (0.67 - 1.21)	1.14 (0.91 - 1.44)	0.98 (0.72 - 1.34)	1.31 (0.94 - 1.81)	1.06 (0.75 - 1.49)
<b>Region</b>					
German	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
French	0.83 (0.59 - 1.17)	0.75 (0.57 - 1.01)	1.18 (0.83 - 1.67)	1.06 (0.74 - 1.53)	1.01 (0.67 - 1.51)
Italian	0.84 (0.50 - 1.41)	1.14 (0.75 - 1.74)	1.37 (0.81 - 2.32)	1.25 (0.73 - 2.13)	0.76 (0.40 - 1.43)
<b>Civil status</b>					
Married	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)

Single	0.68 (0.47 - 0.98)	0.86 (0.65 - 1.14)	0.93 (0.63 - 1.37)	<b>1.72 (1.18 - 2.51)</b>	1.19 (0.79 - 1.78)
Divorced	0.71 (0.44 - 1.17)	0.85 (0.57 - 1.27)	1.00 (0.59 - 1.69)	0.97 (0.55 - 1.73)	0.82 (0.43 - 1.56)
Other	0.76 (0.33 - 1.71)	1.11 (0.61 - 2.01)	0.95 (0.40 - 2.28)	1.18 (0.52 - 2.70)	1.14 (0.50 - 2.61)
On a diet					
No	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Yes	0.63 (0.35 - 1.13)	1.14 (0.67 - 1.96)	1.32 (0.71 - 2.44)	<b>0.42 (0.2 - 0.89)</b>	1.87 (0.97 - 3.62)
BMI category					
Normal	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Overweight	1.09 (0.77 - 1.54)	1.05 (0.80 - 1.37)	1.01 (0.71 - 1.44)	1.04 (0.73 - 1.49)	1.27 (0.86 - 1.86)
Obese	1.16 (0.74 - 1.82)	1.07 (0.76 - 1.51)	0.82 (0.49 - 1.39)	<b>1.66 (1.08 - 2.55)</b>	1.01 (0.62 - 1.66)
Income (CHF)					
<4,499	1.29 (0.75 - 2.21)	0.88 (0.57 - 1.36)	0.62 (0.34 - 1.14)	0.8 (0.45 - 1.41)	0.65 (0.33 - 1.27)
4,500-5,999	1.36 (0.73 - 2.54)	0.66 (0.41 - 1.07)	0.99 (0.51 - 1.89)	0.71 (0.35 - 1.43)	0.75 (0.36 - 1.58)
6,000-8,999	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
9,000-12,999	1.10 (0.67 - 1.78)	0.89 (0.63 - 1.26)	0.88 (0.54 - 1.44)	<b>0.58 (0.35 - 0.98)</b>	0.95 (0.59 - 1.53)
> 13,000	0.79 (0.49 - 1.28)	0.89 (0.61 - 1.31)	0.98 (0.60 - 1.60)	1.07 (0.64 - 1.79)	1.17 (0.65 - 2.07)
Missing	0.96 (0.64 - 1.43)	0.67 (0.48 - 0.94)	0.82 (0.53 - 1.27)	0.97 (0.63 - 1.51)	0.74 (0.46 - 1.18)

BMI, body mass index. Results are expressed as odds ratio and (95% confidence interval). Statistical analysis by logistic regression, adjusting for the variables in the table. Significant associations are indicated in bold.

**Supplementary Table 2 (continued).** Weighted multivariable analyses of the associations between cooking methods and socio-demographic, lifestyle, and anthropometric factors, including income instead of education, in the Swiss Population: National Nutrition Survey 2014-2015.

	<b>Fried</b>	<b>Roasted</b>	<b>Microwaved</b>	<b>Roasted + oven cooked</b>
<b>Age (years)</b>				
18-34	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
35-44	0.54 (0.33 - 0.88)	0.70 (0.36 - 1.37)	1.03 (0.56 - 1.91)	0.90 (0.64 - 1.27)
45-54	0.55 (0.33 - 0.91)	1.04 (0.59 - 1.82)	1.36 (0.71 - 2.60)	0.88 (0.62 - 1.26)
55-64	0.64 (0.38 - 1.07)	0.98 (0.55 - 1.74)	1.25 (0.60 - 2.59)	0.96 (0.68 - 1.37)
65+	0.25 (0.13 - 0.45)	1.02 (0.56 - 1.83)	1.31 (0.72 - 2.38)	1.12 (0.79 - 1.58)
<b>Gender</b>				
Women	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Men	1.17 (0.82 - 1.67)	0.88 (0.60 - 1.29)	0.92 (0.61 - 1.38)	1.06 (0.85 - 1.33)
<b>Region</b>				
German	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
French	<b>1.72 (1.16 - 2.53)</b>	<b>0.42 (0.25 - 0.68)</b>	0.85 (0.50 - 1.45)	<b>0.67 (0.51 - 0.88)</b>
Italian	1.18 (0.65 - 2.14)	0.58 (0.29 - 1.19)	1.67 (0.88 - 3.14)	1.02 (0.68 - 1.53)
<b>Civil status</b>				
Married	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Single	<b>1.79 (1.17 - 2.73)</b>	0.70 (0.46 - 1.08)	1.33 (0.81 - 2.18)	0.80 (0.61 - 1.05)

Divorced	1.23 (0.67 - 2.26)	<b>0.45 (0.22 - 0.91)</b>	0.81 (0.38 - 1.75)	0.75 (0.51 - 1.11)
Other	1.05 (0.35 - 3.13)	0.66 (0.24 - 1.83)	0.98 (0.4 - 2.38)	0.93 (0.52 - 1.65)
On a diet				
No	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Yes	0.44 (0.19 - 1.03)	1.47 (0.66 - 3.31)	1.40 (0.65 - 3.03)	1.33 (0.80 - 2.19)
BMI category				
Normal	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Overweight	1.28 (0.81 - 2.01)	0.83 (0.54 - 1.29)	1.16 (0.73 - 1.82)	1.00 (0.78 - 1.30)
Obese	<b>2.53 (1.51 - 4.25)</b>	1.20 (0.71 - 2.04)	0.78 (0.42 - 1.46)	1.09 (0.78 - 1.52)
Income (CHF)				
<4,499	0.38 (0.18 - 0.79)	0.99 (0.47 - 2.07)	0.75 (0.33 - 1.72)	0.88 (0.57 - 1.36)
4,500-5,999	0.78 (0.35 - 1.75)	0.79 (0.37 - 1.69)	0.82 (0.40 - 1.69)	0.67 (0.42 - 1.07)
6,000-8,999	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
9,000-12,999	1.04 (0.62 - 1.76)	0.71 (0.39 - 1.30)	0.52 (0.28 - 0.97)	0.88 (0.62 - 1.23)
> 13,000	0.94 (0.52 - 1.69)	0.98 (0.51 - 1.88)	0.84 (0.43 - 1.65)	0.92 (0.63 - 1.34)
Missing	1.04 (0.63 - 1.71)	0.92 (0.53 - 1.60)	0.81 (0.47 - 1.42)	0.72 (0.53 - 1.00)

BMI, body mass index. Results are expressed as odds ratio and (95% confidence interval). Statistical analysis by logistic regression, adjusting for the variables in the table. Significant associations are indicated in bold.

**Supplementary Table 3.** Weighted multivariable analyses of the associations between cooking methods and socio-demographic, lifestyle, and anthropometric factors, with income instead of education and including cardiac risk in the Swiss Population: National Nutrition Survey 2014-2015.

	<b>Boiled</b>	<b>Oven-cooked</b>	<b>Steamed</b>	<b>Grilled</b>	<b>Gratinated</b>
<b>Age (years)</b>					
18-34	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
35-44	0.99 (0.63 - 1.56)	0.95 (0.67 - 1.35)	0.92 (0.57 - 1.47)	0.92 (0.55 - 1.53)	0.93 (0.55 - 1.55)
45-54	0.84 (0.54 - 1.28)	0.85 (0.59 - 1.22)	0.86 (0.55 - 1.35)	1.02 (0.64 - 1.63)	1.10 (0.67 - 1.81)
55-64	0.94 (0.56 - 1.57)	0.98 (0.68 - 1.41)	1.15 (0.66 - 2.00)	1.22 (0.75 - 2.00)	0.88 (0.52 - 1.48)
65+	0.87 (0.55 - 1.36)	1.13 (0.79 - 1.62)	0.86 (0.50 - 1.48)	0.80 (0.48 - 1.34)	1.22 (0.7 - 2.12)
<b>Gender</b>					
Women	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Men	0.91 (0.67 - 1.24)	1.15 (0.91 - 1.47)	0.95 (0.70 - 1.29)	<b>1.45 (1.01 - 2.08)</b>	1.04 (0.73 - 1.48)
<b>Region</b>					
German	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
French	0.84 (0.59 - 1.18)	0.75 (0.56 - 1.00)	1.17 (0.82 - 1.67)	1.04 (0.72 - 1.5)	1.04 (0.70 - 1.56)
Italian	0.85 (0.50 - 1.42)	1.14 (0.75 - 1.74)	1.38 (0.81 - 2.35)	1.24 (0.73 - 2.11)	0.75 (0.40 - 1.43)
<b>Civil status</b>					
Married	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Single	<b>0.67 (0.46 - 0.96)</b>	0.85 (0.64 - 1.13)	0.91 (0.62 - 1.35)	<b>1.67 (1.15 - 2.42)</b>	1.16 (0.78 - 1.71)

Divorced	0.70 (0.43 - 1.15)	0.85 (0.57 - 1.27)	1.00 (0.59 - 1.69)	0.97 (0.55 - 1.73)	0.77 (0.40 - 1.49)
Other	0.75 (0.33 - 1.7)	1.1 (0.61 - 1.99)	0.95 (0.39 - 2.29)	1.11 (0.49 - 2.52)	1.15 (0.49 - 2.67)
On a diet					
No	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Yes	0.65 (0.36 - 1.16)	1.16 (0.68 - 1.99)	1.30 (0.71 - 2.4)	<b>0.44 (0.20 - 0.94)</b>	<b>1.93 (1.02 - 3.68)</b>
Cardiac risk					
Low	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Medium	1.06 (0.69 - 1.63)	0.92 (0.67 - 1.28)	0.82 (0.53 - 1.26)	0.68 (0.42 - 1.1)	<b>1.52 (1.00 - 2.32)</b>
High	1.03 (0.68 - 1.56)	1.04 (0.75 - 1.43)	0.88 (0.58 - 1.35)	1.56 (1.04 - 2.34)	0.80 (0.50 - 1.26)
Income (CHF)					
<4,499	1.31 (0.76 - 2.24)	0.88 (0.57 - 1.36)	0.60 (0.33 - 1.10)	0.79 (0.45 - 1.40)	0.67 (0.34 - 1.32)
4,500-5,999	1.38 (0.74 - 2.57)	0.66 (0.40 - 1.07)	0.97 (0.50 - 1.88)	0.70 (0.35 - 1.43)	0.78 (0.37 - 1.62)
6,000-8,999	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
9,000-12,999	1.09 (0.67 - 1.79)	0.88 (0.62 - 1.25)	0.87 (0.53 - 1.43)	1.04 (0.62 - 1.75)	0.98 (0.60 - 1.58)
> 13,000	0.79 (0.49 - 1.27)	0.88 (0.60 - 1.30)	0.97 (0.59 - 1.58)	0.95 (0.61 - 1.49)	1.16 (0.65 - 2.08)
Missing	0.96 (0.64 - 1.44)	<b>0.67 (0.48 - 0.94)</b>	0.82 (0.53 - 1.26)	0.9 (0.70 - 1.17)	0.75 (0.47 - 1.21)

Results are expressed as odds ratio and (95% confidence interval). Statistical analysis by logistic regression, adjusting for the variables in the table. Significant associations are indicated in bold.

**Supplementary Table 3 (continued).** Weighted multivariable analyses of the associations between cooking methods and socio-demographic, lifestyle, and anthropometric factors, with income instead of education and including cardiac risk in the Swiss Population: National Nutrition Survey 2014-2015.

	Fried	Roasted	Microwaved	Roasted + oven cooked
Age (years)				
18-34	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
35-44	0.54 (0.33 - 0.89)	0.71 (0.36 - 1.41)	1.00 (0.54 - 1.86)	0.90 (0.64 - 1.27)
45-54	0.52 (0.31 - 0.87)	1.05 (0.60 - 1.85)	1.30 (0.69 - 2.44)	0.88 (0.62 - 1.25)
55-64	0.61 (0.36 - 1.04)	1.00 (0.56 - 1.79)	1.2 (0.58 - 2.47)	0.97 (0.68 - 1.38)
65+	<b>0.25 (0.13 - 0.46)</b>	1.04 (0.58 - 1.88)	1.27 (0.70 - 2.32)	1.13 (0.80 - 1.60)
Gender				
Women	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Men	<b>1.48 (1.02 - 2.14)</b>	0.85 (0.58 - 1.27)	0.96 (0.65 - 1.42)	1.06 (0.84 - 1.34)
Region				
German	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
French	<b>1.67 (1.13 - 2.46)</b>	<b>0.42 (0.25 - 0.68)</b>	0.84 (0.49 - 1.42)	<b>0.67 (0.51 - 0.88)</b>
Italian	1.16 (0.64 - 2.10)	0.59 (0.29 - 1.19)	1.67 (0.88 - 3.19)	1.02 (0.68 - 1.53)
Civil status				
Married	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)



Single	<b>1.73 (1.14 - 2.63)</b>	0.69 (0.44 - 1.08)	1.34 (0.79 - 2.28)	0.79 (0.60 - 1.04)
Divorced	1.26 (0.68 - 2.32)	<b>0.43 (0.21 - 0.88)</b>	0.88 (0.40 - 1.90)	0.75 (0.51 - 1.10)
Other	0.96 (0.32 - 2.90)	0.67 (0.24 - 1.85)	0.96 (0.39 - 2.36)	0.92 (0.52 - 1.64)
On a diet				
No	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Yes	0.48 (0.21 - 1.08)	1.55 (0.69 - 3.48)	1.32 (0.61 - 2.86)	1.36 (0.82 - 2.24)
Cardiac risk				
Low	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Medium	1.05 (0.64 - 1.72)	0.94 (0.57 - 1.56)	0.83 (0.47 - 1.44)	0.92 (0.68 - 1.26)
High	<b>2.34 (1.46 - 3.76)</b>	0.92 (0.57 - 1.50)	1.22 (0.70 - 2.13)	1.01 (0.74 - 1.37)
Income (CHF)				
<4,499	<b>0.40 (0.19 - 0.82)</b>	1.04 (0.50 - 2.16)	0.69 (0.31 - 1.58)	0.89 (0.58 - 1.36)
4,500-5,999	0.79 (0.36 - 1.73)	0.81 (0.38 - 1.75)	0.78 (0.38 - 1.60)	0.67 (0.42 - 1.07)
6,000-8,999	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
9,000-12,999	1.00 (0.60 - 1.69)	0.72 (0.39 - 1.32)	0.51 (0.28 - 0.95)	0.87 (0.62 - 1.23)
> 13,000	0.93 (0.52 - 1.66)	0.98 (0.50 - 1.89)	0.85 (0.43 - 1.66)	0.91 (0.62 - 1.33)
Missing	1.02 (0.63 - 1.67)	0.93 (0.54 - 1.63)	0.79 (0.45 - 1.38)	<b>0.72 (0.52 - 0.99)</b>

Results are expressed as odds ratio and (95% confidence interval). Statistical analysis by logistic regression, adjusting for the variables in the table. Significant associations are indicated in bold.

**Supplementary Table 4.** Multivariable analyses of the associations between socio-demographic, lifestyle, and anthropometric data and cooking methods in the Swiss Population: National Nutrition Survey 2014-2015, weighted multivariable logistic regression models excluding participants with missing data for income.

	<b>Boiled</b>	<b>Oven-cooked</b>	<b>Steamed</b>	<b>Grilled</b>	<b>Gratinated</b>
Age group					
18-34	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
35-44	0.92 (0.55 - 1.55)	0.75 (0.51 - 1.12)	0.70 (0.42 - 1.18)	0.90 (0.50 - 1.62)	1.10 (0.61 - 1.98)
45-54	1.01 (0.64 - 1.60)	<b>0.64 (0.42 - 0.95)</b>	0.73 (0.44 - 1.19)	1.11 (0.65 - 1.89)	1.10 (0.62 - 1.96)
55-64	0.94 (0.51 - 1.75)	0.77 (0.51 - 1.16)	0.93 (0.49 - 1.77)	1.23 (0.70 - 2.17)	0.91 (0.50 - 1.65)
65+	1.10 (0.64 - 1.87)	0.87 (0.58 - 1.32)	0.73 (0.41 - 1.29)	0.76 (0.43 - 1.34)	1.16 (0.63 - 2.17)
Sex					
Women	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Men	0.78 (0.56 - 1.10)	1.13 (0.87 - 1.47)	0.95 (0.66 - 1.37)	<b>1.52 (1.05 - 2.21)</b>	0.92 (0.62 - 1.37)
Region					
German	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
French	0.90 (0.62 - 1.32)	0.85 (0.61 - 1.17)	1.05 (0.70 - 1.58)	1.08 (0.71 - 1.63)	1.00 (0.62 - 1.61)
Italian	0.71 (0.37 - 1.36)	1.27 (0.73 - 2.19)	1.23 (0.65 - 2.32)	1.06 (0.51 - 2.20)	0.69 (0.30 - 1.57)
Civil status					

Married	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Single	0.71 (0.47 - 1.07)	0.86 (0.62 - 1.17)	1.01 (0.66 - 1.55)	1.42 (0.90 - 2.26)	1.20 (0.76 - 1.88)
Divorced	0.76 (0.42 - 1.39)	0.78 (0.48 - 1.27)	1.11 (0.59 - 2.08)	1.04 (0.53 - 2.01)	0.81 (0.37 - 1.76)
Other	0.52 (0.18 - 1.47)	1.06 (0.47 - 2.40)	1.66 (0.59 - 4.68)	0.58 (0.16 - 2.04)	1.27 (0.43 - 3.78)
On a diet					
No	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Yes	0.67 (0.30 - 1.47)	0.88 (0.49 - 1.56)	1.69 (0.81 - 3.49)	0.43 (0.16 - 1.11)	1.64 (0.68 - 3.95)
BMI category					
Normal	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Overweight	1.02 (0.69 - 1.50)	1.04 (0.76 - 1.41)	0.97 (0.65 - 1.46)	1.13 (0.73 - 1.74)	1.28 (0.81 - 2.01)
Obese	1.10 (0.66 - 1.85)	0.93 (0.63 - 1.38)	0.68 (0.39 - 1.18)	<b>2.02 (1.22 - 3.35)</b>	1.04 (0.59 - 1.84)
Income					
<4500	1.28 (0.74 - 2.24)	0.88 (0.57 - 1.37)	0.60 (0.33 - 1.12)	0.83 (0.46 - 1.49)	0.65 (0.32 - 1.29)
[4'500-6'000[	1.39 (0.73 - 2.64)	0.64 (0.39 - 1.04)	0.89 (0.46 - 1.72)	0.89 (0.44 - 1.81)	0.73 (0.34 - 1.57)
[6'000-9'000[	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
[9'000-13'000[	1.11 (0.69 - 1.80)	0.89 (0.63 - 1.25)	0.90 (0.55 - 1.47)	<b>0.58 (0.34 - 0.98)</b>	0.94 (0.59 - 1.50)
[13'000+	0.80 (0.50 - 1.28)	0.88 (0.60 - 1.30)	0.98 (0.59 - 1.61)	1.08 (0.64 - 1.83)	1.14 (0.64 - 2.02)

BMI, body mass index. Results are expressed as odds ratio and (95% confidence interval). Statistical analysis by multivariable logistic regression adjusting for the confounders shown in the table. Statistically significant ( $p < 0.05$ ) associations are indicated in bold.

**Supplementary Table 4 (continued).** Multivariable analyses of the associations between socio-demographic, lifestyle, and anthropometric data and cooking methods in the Swiss Population: National Nutrition Survey 2014-2015, weighted multivariable logistic regression models excluding participants with missing data for income.

	<b>Fried</b>	<b>Roasted</b>	<b>Microwaved</b>	<b>Roasted + oven cooked</b>
<b>Age group</b>				
18-34	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
35-44	<b>0.51 (0.28 - 0.92)</b>	0.95 (0.46 - 1.96)	1.17 (0.58 - 2.36)	0.80 (0.54 - 1.18)
45-54	<b>0.49 (0.27 - 0.87)</b>	1.33 (0.70 - 2.53)	1.07 (0.54 - 2.11)	0.73 (0.49 - 1.07)
55-64	0.71 (0.40 - 1.28)	1.06 (0.54 - 2.06)	1.28 (0.53 - 3.08)	0.81 (0.54 - 1.21)
65+	<b>0.30 (0.15 - 0.61)</b>	0.89 (0.44 - 1.80)	1.42 (0.70 - 2.90)	0.89 (0.60 - 1.33)
<b>Sex</b>				
Women	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Men	1.22 (0.81 - 1.85)	0.95 (0.61 - 1.48)	1.08 (0.67 - 1.76)	1.07 (0.83 - 1.38)
<b>Region</b>				
German	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
French	<b>1.76 (1.11 - 2.77)</b>	<b>0.44 (0.25 - 0.78)</b>	0.55 (0.30 - 1.00)	0.75 (0.55 - 1.03)
Italian	0.78 (0.34 - 1.76)	0.57 (0.24 - 1.37)	1.29 (0.53 - 3.13)	1.11 (0.65 - 1.89)

Civil status				
Married	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Single	<b>2.04 (1.27 - 3.29)</b>	0.72 (0.44 - 1.17)	1.29 (0.75 - 2.24)	0.81 (0.59 - 1.09)
Divorced	1.47 (0.71 - 3.05)	0.42 (0.19 - 0.94)	0.57 (0.19 - 1.73)	0.69 (0.43 - 1.09)
Other	0.16 (0.02 - 1.24)	0.19 (0.03 - 1.46)	1.15 (0.40 - 3.31)	0.81 (0.37 - 1.81)
On a diet				
No	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Yes	0.42 (0.14 - 1.29)	1.27 (0.50 - 3.24)	2.21 (0.91 - 5.35)	0.97 (0.55 - 1.70)
BMI category				
Normal	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Overweight	1.45 (0.88 - 2.38)	0.88 (0.53 - 1.45)	0.99 (0.57 - 1.72)	0.99 (0.74 - 1.33)
Obese	<b>2.89 (1.62 - 5.16)</b>	1.31 (0.70 - 2.45)	0.64 (0.30 - 1.36)	0.93 (0.63 - 1.36)
Income				
<4500	<b>0.38 (0.18 - 0.79)</b>	1.03 (0.49 - 2.15)	0.82 (0.35 - 1.90)	0.89 (0.58 - 1.38)
[4'500-6'000[	0.75 (0.33 - 1.71)	1.20 (0.53 - 2.74)	0.82 (0.40 - 1.68)	0.68 (0.43 - 1.09)
[6'000-9'000[	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
[9'000-13'000[	1.08 (0.64 - 1.83)	0.68 (0.37 - 1.25)	<b>0.52 (0.28 - 0.97)</b>	0.86 (0.62 - 1.21)
[13'000+	0.97 (0.53 - 1.75)	0.95 (0.49 - 1.86)	0.85 (0.43 - 1.66)	0.90 (0.62 - 1.31)

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BMI, body mass index. Results are expressed as odds ratio and (95% confidence interval). Statistical analysis by multivariable logistic regression adjusting for the confounders shown in the table. Statistically significant ( $p < 0.05$ ) associations are indicated in bold.