

## Supplementary material

**Table A0. Information on the analytical methods and procedures used in the analysis of DON**

Analytical parameters/Country	Germany	France & Portugal	Iceland	Luxembourg & Poland
<b>Sample preparation</b>				
Hydrolysis	Enzymatic cleavage of glucuronide conjugates with $\beta$ -glucuronidase from <i>Escherichia coli</i> (E. coli).	$\beta$ -glucuronidase	Urine samples were centrifuged for 10 min at 7000 rpm and 2.5 ml of urine were mixed with 25 $\mu$ l beta glucuronidase/arylsulfatase enzyme [1] and 0.25 ml potassium acetate hydrolysis buffer and were kept at 37°C overnight. Then the urine samples were diluted with 5 ml of phosphate-buffered saline and 50 $\mu$ l of internal standards mixture and mixed in a rotary shaker. [1] Beta-glucuronidase/arylsulfatase solution from <i>Helix pomatia</i> (specific activity: 5.5 U/ml and 2.6 U/ml at +38°C, respectively) was obtained from Sigma-Aldrich (Darmstadt, Germany).	Urine samples were thawed and shaken. An aliquot of 0.5 ml was transferred into a 10 ml tube. To the tube, 240 $\mu$ l of $\beta$ -Glucuronidase solution [1], 2 ml of phosphate buffer (75 mM, pH 6.8), and 20 $\mu$ l of 13C15DON internal standard (100 ng/ml) was added. After gentle shaking, the tubes were placed in a water bath @37°C overnight (>16 hours) for deconjugation.
Clean-up	IAC (DON Star)	Oasis HLB SPE	IAC (Ochraprep® and DZT MS-PREP®)	IAC column (Vicam DONTEST)
<b>Analytical method</b>				
Analytical method	LC-MS/MS	LC-HRMS	LC-MS/MS	LC-MS/MS
<b>Chromatographic conditions</b>				
Column	Silica	Accucore RPMS column	Kinetex C18	Ultra Aqueous C18 3 $\mu$ m
Length (mm)	100	150	100	100
Diameter (mm)	0.2	2.1	2.1	2.1
Stationary phase	Biphenyl with TMS-Endcapping	Solid Core Particles	C18	C18
Particle size	2.6 $\mu$ m	2.6 $\mu$ m	2.6 $\mu$ m	3 $\mu$ m
Column temperature	40 °C	23 °C	40 °C	35°C
Autosampler	-	10°C	-	10 °C
Injection volume	20 $\mu$ l	20 $\mu$ l	10 $\mu$ l	5 $\mu$ l
HPLC system	Shimadzu Nexera XR	Dionex Ultimate 3000	Nexera HPLC	Waters Acquity UPLC
Flow	0.45 mL/min	0.40 mL/min	0.30 mL/min	0.40 mL/min
Gradient	0 – 2 min, 2 % B 2 – 5 min, 2 – 80 % B 5 – 5.2 min, 80 – 98 % B 5.2 – 8 min, 98 % B 8 – 11 min, 2 % B -	0 – 2 min, 95% A + 5% B 2 – 5 min, 5 – 37.5 % B 5 – 5.5 min, 70% B 5.5 – 7.5 min, 95% A + 5% B -	0 min, 15% B 14.2 min 68% B 14.5 min 95% B 17.0 min 95% B 17.1 min 15% B 22.0 min 15% B	0 - 1 min, 0% B 1 - 7 min, 0 - 95% B 7 - 9 min, 95% B 9 - 9.5 min, 95 - 0 % B 9.5 - 12 min 0% B -
Eluent A	0.1 % acetic acid, 1 mM ammonium acetate in water	0.1% formic acid in water	5 mM ammonium acetate and 0.1% acetic acid in water	1 mM ammonium formate / 1% formic acid in water
Eluent B	0.1 % acetic acid, 1 mM ammonium acetate in methanol	0.1% formic acid in acetonitrile	methanol containing 5 mM ammonium acetate and 0.1% acetic acid	1 mM ammonium formate / 1% formic acid in water/methanol (5/95)
Run time (min)	11	7.5	22	12
<b>MS parameters</b>				
MS	Sciex QTRAP 5500	Q-Exactive™	QTRAP 5500	Sciex QTRAP 6500
Ionisation	ESI, negative	HESI II, positive	ESI, positive or negative	ESI, positive
Mass transitions (DP; CE; CXP):	DON (Quantifier): 355 $\rightarrow$ 59 (-45 V; -52 V; -5 V)  DON (Qualifier): 355 $\rightarrow$ 295(-45 V; -14 V; -19 V) 13C15-DON: 370.3 $\rightarrow$ 59 (-40 V; -40 V; -7 V)	HRMS: DON:297,13330 , Mass tolerance 5ppm  13C15 DON : 312,18359 , Mass tolerance 5ppm	DON: 355.1 $\rightarrow$ 265.2 (-75 V; -22 V; -13 V)  DON: 355.1 $\rightarrow$ 59.2 (-75 V; -42 V; -9 V) 13C-DON: 370.2 $\rightarrow$ 279.3 (-70 V; -22 V; -7 V)	DON (quan): 297>249 (DP 30, CE 15, CXP 15)  DON (qual): 297>231 (DP30, CE 17, CXP 15) 13C15-DON 312>263 (DP 30, CE 15, CXP 15)
Sourcetemp (TEM)	500 °C	450°C	550 °C	400°C
Ionspray voltage (IS)	-4500 V	3500 V	4500 V or -4500 V	4000 V
Nebulizing gas (GS1) and Drying gas (GS2)	N2, 80 psi	Sheath gas: 45 ; Aux gas : 40	N2, 80 psi	N2, 50
Curtain gas (CUR)	N2, 35 psi	-	N2, 30 psi	N2, 40
Collision gas (CAD)	Nitrogen	-	Nitrogen	Nitrogen, medium
Dwell time	70 ms	Resolution 70000, maximum IT 250ms	-	5 ms
Entrance Potential (EP)	-10 V	-	-	10 V
<b>References</b>				
References	<ul style="list-style-type: none"> <li>• Berger, M., Marske, L., Monien, B., Siodlaczek, S., Göen, T., Hartwig, A., MAK Commission, 2023. Deoxynivalenol - Bestimmung von Deoxynivalenol und Deoxyo- Deoxynivalenol in Urin mittels LC-MS/MS. MAK Collect. Occup. Health Saf, in press.</li> <li>• Schmied A, Marske L, Berger M, Kujath P, Weber T, Kolossa-Gehring M. Human biomonitoring of deoxynivalenol (DON) - Assessment of the exposure of young German adults from 1996 - 2021. Int J Hyg Environ Health. 2023 Jul;252:114198. doi: 10.1016/j.ijheh.2023.114198.</li> </ul>	<ul style="list-style-type: none"> <li>• Ndaw S, Jargot D, Antoine G, Denis F, Melin S, Robert A. Investigating Multi-Mycotoxin Exposure in Occupational Settings: A Biomonitoring and Airborne Measurement Approach. Toxins (Basel). 2021 Jan 13;13(1):54. doi: 10.3390/toxins13010054.</li> </ul>	<ul style="list-style-type: none"> <li>• Tkaczyk A, Jedziński P (2020) Dilute-and-shoot HPLC-UV method for determination of urinary creatinine as a normalization tool in mycotoxin biomonitoring in pigs. Molecules 25:2445. <a href="https://doi.org/10.3390/molecules25102445">https://doi.org/10.3390/molecules25102445</a>.</li> </ul>	

**Table A1.** Geometric means of tDON concentrations in urine in  $\mu\text{g/g}$  creatinine by sociodemographic and food consumption frequency variables and adjusted multiple linear regression models for individual variables for France.

Variable	Category	n	GM [95%CI]	Adjusted coef* [95%CI]	p
Sex	Female	168	4.02 [2.88-5.60]	-	-
	Male	132	5.85 [4.13-8.26]	-	-
Age		-	-	-	-
Sampling season*	Winter	79	3.36 [2.06-5.48]	ref	-
	Spring	75	5.69 [3.71-8.73]	1.70 [0.87-3.32]	0.123
	Summer	59	7.49 [4.35-12.90]	2.00 [0.97-4.11]	0.060
	Autumn	86	4.05 [2.51-6.53]	1.14 [0.60-2.19]	0.689
Educational level*	Low (ISCED 0-2)	7	5.90 [1.32-26.37]	ref	-
	Medium (ISCED 3-4)	86	5.01 [3.27-7.66]	1.64 [0.33-8.13]	0.546
	High (ISCED $\geq 5$ )	207	4.60 [3.41-6.20]	1.01 [0.59-1.72]	0.974
Degree of urbanization*	Cities	136	4.17 [2.90-5.99]	ref	-
	Towns/suburbs	82	3.63 [2.07-6.38]	0.93 [0.52-1.65]	0.794
	Rural areas	82	7.63 [5.60-10.40]	1.97 [1.10-3.52]	0.023
Occupational status*	Working	250	4.54 [3.45-5.96]	0.76 [0.39-1.48]	0.415
	Not working	50	5.87 [3.64-9.49]	ref	-
Income level*	Low	40	6.98 [4.04-12.06]	ref	-
	Medium	128	3.71 [2.39-5.75]	0.58 [0.27-1.24]	0.160
	High	123	5.53 [4.04-7.57]	0.90 [0.42-1.95]	0.793
	Doesn't know/answer	8	2.91 [0.64-13.18]	0.42 [0.08-2.07]	0.283
Occupational exposure to mycotoxins*	No	270	4.59 [3.53-5.98]	ref	-
	Yes	28	6.16 [4.11-9.23]	1.35 [0.59-3.08]	0.472
Rice consumption**	$\leq 1$ time per week	39	3.59 [1.66-7.76]	ref	-
	2-3 times per week	148	4.83 [3.55-6.56]	1.43 [0.70-2.90]	0.322
	$\geq 4$ times per week	98	6.01 [4.04-8.94]	1.83 [0.88-3.82]	0.107
Bread consumption**	$\leq 1$ time per week	34	3.01 [1.36-6.66]	ref	-
	2-3 times per week	76	4.62 [3.19-6.70]	1.83 [0.80-4.16]	0.151
	4-6 times per week	53	6.04 [3.59-10.16]	2.05 [0.86-4.85]	0.104
	$\geq 7$ times per week	122	5.57 [3.78-8.19]	1.98 [0.91-4.30]	0.085
Hazelnut spread consumption**	$\leq 1$ time per month	36	5.85 [3.41-10.02]	ref	-
	1 time per week	122	4.17 [2.82-6.17]	0.88 [0.42-1.88]	0.747
	2-3 times per week	68	5.05 [3.03-8.42]	1.06[0.47-2.37]	0.897
	$\geq 4$ times per week	68	6.10 [3.83-9.70]	1.10[0.49-2.46]	0.815
Cookies consumption**	$\leq 1$ time per week	137	5.28 [3.89-7.16]	Ref	-
	2-3 times per week	80	4.54 [2.95-7.01]	0.97 [0.55-1.69]	0.910
	$\geq 4$ times per week	68	5.01 [2.81-8.93]	1.01 [0.56-1.80]	0.980
Fruit and vegetable consumption**	$\leq 3$ times per week	87	5.71 [3.88-8.40]	ref	-
	4-6 times per week	86	6.35 [4.35-9.28]	1.12 [0.59-2.09]	0.732
	$\geq 7$ times per week	112	3.75 [2.46-5.71]	0.67 [0.37-1.23]	0.199
Beer consumption**	$\leq 1$ time per month	121	4.52 [3.06-6.67]	ref	-
	1 time per week	52	3.17 [1.66-6.03]	0.59 [0.30-1.13]	0.111
	$\geq 2$ times per week	111	6.88 [5.12-9.23]	1.14 [0.64-2.03]	0.664
Tea and coffee consumption**	$\leq 1$ time per week	32	5.15 [2.61-10.16]	ref	-
	2-6 times per week	39	3.42 [1.66-7.07]	0.56 [0.21-1.48]	0.245
	$\geq 7$ times per week	214	5.33 [4.09-6.94]	0.99 [0.46-2.13]	0.986

GM: geometric mean; 95%CI: 95% confidence interval. \* Adjusted for sex, age and creatinine concentrations. \*\* Adjusted for sex, age, sampling season, educational level, degree of urbanization and creatinine concentrations.

**Table A2.** Geometric means of tDON concentrations in urine in  $\mu\text{g/g}$  creatinine by sociodemographic and food consumption frequency variables and adjusted multiple linear regression models for individual variables for Germany.

Variable	Category	n	GM [95%CI]	Adjusted coef [95%CI]	p
Sex	Female	60	3.63 [2.54-5.17]	-	-
	Male	60	4.61 [3.64-5.83]	-	-
Vegetarian diet*	No	28	4.25 [3.28-5.50]	ref	-
	Yes	92	4.04 [3.10-5.27]	1.00 [0.60-1.68]	0.987
Bread consumption*	$\leq 4$ times per week	41	4.19 [2.98-5.88]	ref	-
	$\geq 7$ times per week	79	4.04 [3.08-5.30]	0.89 [0.57-1.41]	0.621
Fruit and vegetables consumption*	$\leq 6$ times per week	35	4.57 [3.37-6.21]	ref	-
	$\geq 7$ times per week	84	3.90 [2.96-5.13]	0.82 [0.50-1.32]	0.401
Coffee consumption*	$\leq 6$ times per week	66	4.61 [3.58-5.94]	ref	-
	$\geq 7$ times per week	54	3.53 [2.47-5.05]	0.71 [0.46-1.09]	0.118

GM: geometric mean; 95%CI: 95% confidence interval. \* Adjusted for sex, age and creatinine concentrations.

**Table A3.** Geometric means of tDON concentrations in urine in  $\mu\text{g/g}$  creatinine by sociodemographic and food consumption frequency variables and adjusted multiple linear regression models for individual variables for Iceland.

Variable	Category	n	GM [95%CI]	Adjusted coef [95%CI]	p
Sex	Female	92	1.58 [1.19-2.11]	-	-
	Male	79	1.99 [1.41-2.80]	-	-
Sampling season*	Winter	23	3.05 [1.80-5.14]	ref	-
	Spring	-	-	-	-
	Summer	52	1.34 [0.86-2.11]	0.56 [0.30-1.07]	0.078
	Autumn	96	1.78 [1.34-2.36]	0.71 [0.39-1.27]	0.246
Educational level*	Low (ISCED 0-2)	8	0.78 [0.10-5.97]	0.40 [0.16-0.98]	0.045
	Medium (ISCED 3-4)	51	2.04 [1.46-2.86]	1.22 [0.79-1.90]	0.365
	High (ISCED $\geq 5$ )	109	1.69 [1.28-2.24]	ref	-
Degree of urbanization*	Cities	129	1.76 [1.36-2.27]	ref	-
	Towns/suburbs	18	1.08 [0.56-2.07]	0.70 [0.37-1.33]	0.277
	Rural areas	21	2.65 [1.36-5.15]	1.31 [0.73-2.34]	0.358
Vegetarian diet**	No	145	1.53 [1.19-1.95]	ref	-
	Yes	4	2.23 [0.73-6.86]	1.31 [0.37-4.60]	0.672
No-gluten diet**	No	139	1.61 [1.26-2.06]	ref	-
	Yes	10	0.86 [0.32-2.31]	0.57 [0.25-1.27]	0.170
Cereal consumption**	$\leq 3$ times per week	89	1.44 [1.04-2.00]	ref	-
	$\geq 4$ times per week	58	1.70 [1.20-2.41]	1.28 [0.84-1.94]	0.236
Cookies consumption**	$\leq 1$ time per week	52	2.03 [1.42-2.91]	ref	-
	$\geq 2$ times per week	97	1.33 [0.97-1.82]	0.92 [0.59-1.42]	0.704
Fruit and vegetable**	$\leq 6$ time per week	71	2.06 [1.45-2.93]	ref	-
	$\geq 7$ times per week	75	1.15 [0.83-1.59]	0.62 [0.41-0.93]	0.022
Coffee consumption**	$\leq 6$ times per week	58	1.64 [1.14-2.35]	ref	-
	$\geq 7$ times per week	91	0.32 [1.08-2.04]	1.05 [0.69-1.60]	0.81

GM: geometric mean; 95%CI: 95% confidence interval. \* Adjusted for sex, age and creatinine concentrations. \*\* Adjusted for sex, age, sampling season, educational level, degree of urbanization and creatinine concentrations.

**Table A4.** Geometric means of tDON concentrations in urine in µg/g creatinine by sociodemographic and food consumption frequency variables and adjusted multiple linear regression models for individual variables for Luxembourg.

Variable	Category	n	GM [95%CI]	Adjusted coef [95%CI]	p
Sex	Female	100	3.93 [2.93-5.29]	-	-
	Male	91	2.65 [2.01-3.49]	-	-
Sampling season*	Winter	41	2.82 [1.80-4.42]	ref	-
	Spring	39	4.99 [3.28-7.59]	1.96 [1.12-3.43]	0.019
	Summer	50	4.00 [2.82-5.67]	1.36 [0.80-2.29]	0.252
	Autumn	61	2.31 [1.54-3.46]	0.82 [0.49-1.35]	0.424
Educational level*	Low (ISCED 0-2)	9	3.81 [1.60-9.09]	1.14 [0.47-2.79]	0.770
	Medium (ISCED 3-4)	63	2.81 [2.03-3.87]	0.91 [0.61-1.36]	0.652
	High (ISCED ≥ 5)	119	3.49 [2.65-4.59]	ref	-
Degree of urbanization*	Cities	39	2.72 [1.66-4.45]	ref	-
	Towns/suburbs	81	3.30 [2.44-4.47]	1.28 [0.78-2.10]	0.332
	Rural areas	71	3.55 [2.52-4.99]	1.26 [0.76-2.09]	0.376
Occupational status*	Working	169	3.17 [2.57-3.91]	1.03 [0.57-1.84]	0.929
	Not working	22	4.01 [1.82-8.85]	ref	-
Income level*	Low	18	3.61 [2.38-5.48]	ref	-
	Medium	128	3.14 [2.41-4.09]	0.66 [0.45-1.67]	0.673
	High	12	4.31 [2.30-8.06]	0.99 [0.38-2.59]	0.993
	Doesn't know/answer	33	3.22 [1.92-5.52]	0.85 [0.44-2.00]	0.870
Rice consumption**	≤ 1 time per week	25	3.48 [2.09-5.78]	ref	-
	2-3 times per week	83	3.04 [2.24-4.12]	0.93 [0.52-1.68]	0.816
	≥ 4 times per week	83	3.43 [2.47-4.77]	1.01 [0.57-1.81]	0.964
Bread consumption**	≤ 3 times per week	62	2.67 [1.82-3.91]	ref	-
	4-6 times per week	55	4.06 [2.91-5.67]	1.22 [0.75-1.97]	0.428
	≥ 7 times per week	74	3.27 [2.32-4.60]	1.10 [0.70-1.73]	0.689
Cereal consumption**	≤ 4 times per week	31	2.16 [1.21-3.86]	ref	-
	≥ 6 times per week	160	3.53 [2.85-4.38]	1.71 [1.03-2.82]	0.037
Cookies consumption**	≤ 1 time per month	138	2.98 [2.36-3.76]	ref	-
	≥ 1 time per week	53	4.11 [2.70-6.24]	1.42 [0.94-2.15]	0.097
Dried fruits consumption**	≤ 1 time per month	58	3.53 [2.39-5.22]	ref	-
	1 time per week	51	2.84 [1.90-4.25]	0.93 [0.57-1.53]	0.785
	≥ 2 times per week	82	3.35 [2.47-5.54]	1.03 [0.66-1.62]	0.889
Beer consumption**	≤ 1 time per week	127	3.56 [2.76-4.58]	ref	-
	≥ 2 times per week	64	2.74 [1.94-3.87]	0.85 [0.56-1.29]	0.451
Tea and coffee consumption**	≤ 6 times per week	67	3.08 [2.18-4.33]	ref	-
	≥ 7 times per week	124	3.36 [2.60-4.34]	0.94 [0.64-1.39]	0.762

GM: geometric mean; 95%CI: 95% confidence interval. \* Adjusted for sex, age and creatinine concentrations. \*\* Adjusted for sex, age, sampling season, educational level, degree of urbanization and creatinine concentrations.

**Table A5.** Geometric means of tDON concentrations in urine in  $\mu\text{g/g}$  creatinine by sociodemographic and food consumption frequency variables and adjusted multiple linear regression models for individual variables for Poland.

Variable	Category	n	GM [95%CI]	Adjusted coef [95%CI]	p
Sex	Female	129	8.10 [6.97-9.43]	-	-
	Male	64	8.34 [6.39-10.88]	-	-
Educational level*	Low (ISCED 0-2)	-	-	-	-
	Medium (ISCED 3-4)	83	8.97 [7.41-10.85]	1.20 [0.90-1.59]	0.221
	High (ISCED $\geq 5$ )	110	7.64 [6.35-9.19]	ref	-
Rice consumption**	$\leq 1$ time per month	46	8.18 [6.19-10.82]	ref	-
	1 time per week	84	8.17 [6.69-9.98]	0.99 [0.70-1.40]	0.956
	$\geq 2$ times per week	62	8.13 [6.35-10.39]	0.98 [0.67-1.41]	0.899
Bread consumption**	$\leq 1$ time per week	29	5.55 [3.35-9.19]	ref	-
	2-6 times per week	91	8.76 [7.34-10.45]	1.59 [1.02-2.47]	0.040
	$\geq 7$ times per week	73	8.77 [7.24-10.63]	1.57 [0.92-2.65]	0.095
Cereal consumption**	Never	107	7.16 [5.89-8.70]	ref	-
	$\leq 1$ time per week	51	9.66 [7.93-11.76]	1.38 [1.00-1.89]	0.048
	$\geq 2$ times per week	34	9.54 [6.86-13.27]	1.29 [0.89-1.86]	0.184
Cookies consumption**	$\leq 1$ time per month	61	8.13 [6.37-10.37]	ref	-
	1 time per week	82	8.39 [6.77-10.41]	1.05 [0.76-1.43]	0.781
	$\geq 2$ times per week	50	7.91 [6.20-10.09]	0.99 [0.69-1.41]	0.938
Fruit and vegetables consumption**	$\leq 3$ times per week	69	8.17 [6.55-10.19]	ref	-
	4-6 times per week	57	7.96 [6.14-10.33]	0.96 [0.68-1.34]	0.794
	$\geq 7$ times per week	67	8.39 [6.69-10.51]	0.99 [0.72-1.37]	0.970
Dried fruits consumption**	Never	94	8.61 [7.04-10.53]	ref	-
	1 time per week	58	8.13 [6.43-10.29]	0.95 [0.69-1.31]	0.754
	$\geq 2$ times per week	41	7.35 [5.55-9.73]	0.86 [0.60-1.23]	0.410
Tea and coffee consumption**	$\leq 1$ time per week	50	6.74 [5.17-8.79]	ref	-
	2-6 time per week	53	9.26 [7.36-11.66]	1.40 [0.97-2.03]	0.072
	$\geq 7$ times per week	90	8.47 [6.89-10.41]	1.30 [0.93-1.83]	0.126

GM: geometric mean; 95%CI: 95% confidence interval. \* Adjusted for sex, age and creatinine concentrations. \*\* Adjusted for sex, age, educational level and creatinine concentrations.

**Table A6.** Geometric means of tDON concentrations in urine in  $\mu\text{g/g}$  creatinine by sociodemographic and food consumption frequency variables and adjusted multiple linear regression models for individual variables for Portugal.

Variable	Category	n	GM [95%CI]	Adjusted coef [95%CI]	
Sex	Female	171	5.77 [4.71-7.07]	-	-
	Male	124	5.99 [4.82-7.45]	-	-
Sampling season*	Winter	53	3.12 [2.05-4.75]	ref	-
	Spring	16	8.66 [4.95-15.13]	2.43 [1.21-4.89]	0.013
	Summer	152	7.85 [6.58-9.38]	2.48 [1.68-3.65]	<0.001
	Autumn	74	4.64 [3.40-6.32]	1.49 [0.96-2.31]	0.076
Educational level*	Low (ISCED 0-2)	59	7.53 [5.29-10.71]	1.72 [1.15-2.57]	0.008
	Medium (ISCED 3-4)	107	6.77 [5.25-8.73]	1.49 [1.08-2.07]	0.016
	High (ISCED $\geq 5$ )	129	4.64 [3.76-5.73]	ref	-
Degree of urbanization*	Cities	80	4.70 [3.57-6.19]	ref	-
	Towns/suburbs	109	5.83 [4.54-7.49]	1.13 [0.78-1.64]	0.512
	Rural areas	106	6.97 [5.42-8.95]	1.34 [0.92-1.96]	0.130
Occupational status*	Working	257	5.89 [5.00-6.95]	0.79 [0.44-1.45]	0.454
	Not working	20	7.29 [4.76-11.17]	ref	-
Income level*	Low	71	5.73 [4.03-8.15]	ref	-
	Medium	123	6.66 [5.39-8.23]	1.22 [0.83-1.81]	0.307
	High	57	5.13 [3.52-7.49]	0.94 [0.59-1.49]	0.791
	Doesn't know/answer	19	4.86 [2.60-9.08]	0.96 [0.49-1.87]	0.894
Vegetarian diet**	No	274	5.95 [5.08-6.96]	ref	-
	Yes	2	10.77 [3.45-33.68]	3.71 [0.62-22.14]	0.150
Gluten free diet**	No	275	6.02 [5.15-7.04]	ref	-
	Yes	1	-	0.23 [0.02-2.73]	0.241
Rice consumption**	$\leq 1$ time per week	46	6.35 [4.94-8.17]	ref	-
	2-3 times per week	148	5.78 [4.54-7.35]	0.82 [0.54-1.25]	0.348
	$\geq 4$ times per week	82	6.21 [4.75-8.11]	0.83 [0.52-1.32]	0.426
Bread consumption**	$\leq 6$ times per week	75	4.93 [3.59-6.78]	ref	-
	$\geq 7$ times per week	202	6.43 [5.38-7.69]	1.10 [0.79-1.55]	0.567
Hazelnut spread consumption**	$\leq 1$ time per month	193	5.60 [4.61-6.82]	ref	-
	$\geq 2$ times per week	83	7.02 [5.46-9.03]	1.20 [0.87-1.66]	0.274
Cookies consumption**	$\leq 1$ time per month	78	6.75 [5.02-9.09]	ref	-
	1 time per week	84	6.57 [5.19-8.31]	1.00 [0.68-1.48]	0.997
	$\geq 2$ times per week	114	5.17 [3.94-6.78]	0.91 [0.62-1.31]	0.601
Fruit and vegetables consumption**	$\leq 6$ times per week	22	5.21 [2.52-10.79]	ref	-
	$\geq 7$ times per week	255	6.06 [5.17-7.10]	1.44 [0.83-2.51]	0.196
Beer consumption**	$\leq 1$ time per month	159	6.37 [5.23-7.76]	ref	-
	1 time per week	63	4.35 [2.99-6.32]	0.75 [0.51-1.10]	0.134
	$\geq 2$ times per week	54	7.29 [5.21-10.19]	1.01 [0.64-1.58]	0.972

GM: geometric mean; 95%CI: 95% confidence interval. \* Adjusted for sex, age and creatinine concentrations. \*\* Adjusted for sex, age, sampling season, educational level, degree of urbanization and creatinine concentrations.