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Corrigendum: Nutrient intake and nutrition status in vegetarians and vegans in comparison to omnivores—the nutritional evaluation (NuEva) study

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A corrigendum on

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In the published article, there was an error in the legend for “**Table 1.** Characteristics of the study collective - NuEva-screening (Median/Interquartile range (IQR); (Min - Max)).” as published. The Information “*Diet groups with different indices differ significantly ($p < 0.05$)” was lost. The corrected legend appears below.

“Groups: 1 = omnivores, 2 = flexitarians, 3 = vegetarians, 4 = vegans.

*Diet groups with different indices differ significantly ($p < 0.05$).”

In the published article, there was an error in the legend for “**Table 2.** Daily intake of energy and macronutrients (self-reports, 5 days) - NuEva-screening (Median/IQR; (Min - Max)).” as published. The Information “*Diet groups with different indices differ significantly ($p < 0.05$)” was lost. The corrected legend appears below.

“Groups: 1 = omnivores, 2 = flexitarians, 3 = vegetarians, 4 = vegans.

Adjusted for age: Σ monounsaturated fatty acids (%).

§Reference intake: DGE, 2019.

*Diet groups with different indices differ significantly ($p < 0.05$).”

In the published article, there was an error in the legend for “**Table 3**. Daily intake of vitamins (self-reports, 5 days) - NuEva-screening (Median / IQR; (Min - Max)).” as published. The Information “*Diet groups with different indices differ significantly ($p < 0.05$)” was lost. The corrected legend appears below.

“Groups: 1 = omnivores, 2 = flexitarians, 3 = vegetarians, 4 = vegans.

§Reference intake: DGE, 2019.

Significant influence of sex: vitamin B1, B2, B12.

*Diet groups with different indices differ significantly ($p < 0.05$).”

In the published article, there was an error in the legend for “**Table 4**. Daily intake of minerals and trace elements (self-reports, 5 days) - NuEva-screening (Median / IQR; (Min - Max)).” as published. The Information “*Diet groups with different indices differ significantly ($p < 0.05$)” was lost. To complete the data, we would like to insert the information that the calculation of iodine and selenium intake was not possible. The corrected legend appears below.

“Groups: 1 = omnivores, 2 = flexitarians, 3 = vegetarians, 4 = vegans.

Adjusted for BMI: Iodine (μg).

§Reference intake: DGE, 2019.

Significant influence of sex: chloride, iron, copper, zinc.

The selenium intake was not calculated because the nutritional software (PRODI[®]) does not provide any information on the selenium levels in foods.

The iodine intake was not calculated because the additional intake by fortified table salt was unknown.

*Diet groups with different indices differ significantly ($p < 0.05$).”

In the published article, there was an error in the legend for “**Table 5**. Anthropometric data, body composition and blood lipids - NuEva-screening (Median / IQR; (Min - Max)).” as published. The Information “*Diet groups with different indices differ significantly ($p < 0.05$)” was lost. The corrected legend appears below.

“Adjusted for age: BMI, total cholesterol, LDL cholesterol, apolipoprotein A1, apolipoprotein B.

Adjusted for BMI: waist circumferences.

Significant influence of sex: weight, BMI, body cell mass, extracellular mass, BCM/ECM, metabolic rate, body fat, body water, lean body mass, phase angle, cell amount, HDL cholesterol, apolipoprotein A1/ apolipoprotein B.

*Diet groups with different indices differ significantly ($p < 0.05$).”

In the published article, there was an error in the legend for “**Table 6**. Vitamins, minerals and trace elements in plasma/serum and 24h urine - NuEva-screening (Median / IQR; (Min - Max)).” as published. The Information “*Diet groups with different indices differ significantly ($p < 0.05$)” was lost. In addition, the information on 4cB12score [§4cB12 score - combined index of B12 deficiency (normal range: -0.5 - 1.0)] was also lost. The corrected legend appears below.

“Significant influence of sex: zinc.

Adjusted for age: vitamin E.

*Diet groups with different indices differ significantly ($p < 0.05$).

§4cB12 score - combined index of B12 deficiency (normal range: -0.5 - 1.0).”

In the published article, there was an error in “**Table 6**. Vitamins, minerals and trace elements in plasma/serum and 24h urine - NuEva-screening (Median / IQR; (Min - Max)).” as published. The units for ferritin ($\mu\text{g/l}$), transferrin (g/l) and transferrin saturation (%) were lost in **Table 6**. The corrected “**Table 6**. Vitamins, minerals and trace elements in plasma/serum and 24h urine - NuEva-screening (Median / IQR; (Min - Max)).” and its legend appear below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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TABLE 6 Vitamins, minerals and trace elements in plasma/serum and 24h urine – NuEva-screening (Median / IQR; (Min - Max)).

Parameter	Sex	Group 1			Group 2			Group 3			Group 4		
		Median /	IQR	p	Median /	IQR	p	Median /	IQR	p	Median /	IQR	p
Plasma / serum													
Biotin (ng/l)	All	249 / (94–1,000)	108	a	305 / (143–1,000)	161	b	284 / (62–1,000)	136	a,b	291 / (101–1,000)	166	b
Folate (μg/l)	All	7.20 / (2.2–16.9)	6.00	a,b	8.65 / (3.2–16.5)	4.18	a,b	8.10 / (2.9–16.9)	3.90	a	10.40 / (3.7–18.3)	5.03	b
Vitamin B₁₂ (pmol/l)	All	242 / (109–567)	94	a	246 / (116–508)	119	a	208 / (110–966)	110	b	213 / (128–712)	161	a,b
Holo-Transcobalamine (pmol/l)	All	80.8 / (39–227)	44.1	a	73.9 / (26–180)	35.1	a	54.9 / (11–356)	29.8	b	54.9 / (14–327)	47.6	c
Homocysteine (μmol/l)	All	9.5 / (4.4–21.2)	4.4	a	10.5 / (5.3–19.2)	4.1	a	10.2 / (5.2–33.5)	4.4	a	10.0 / (3.7–37.8)	3.7	a
Methyl malonic acid (μg/l)	All	17.0 / (9–65)	8.5	a	20.0 / (8–57)	10.0	a	21.0 / (9–82)	13.0	a	18.5 / (7–64)	12.3	a
4cB12 score[§]	All	0.34 / (–0.51 to 1.33)	0.58	a	0.24 / (–0.66 to 1.45)	0.52	a,c	0.02 / (–2.05 to 2.07)	0.75	c	0.08 / (–1.44 to 1.52)	0.89	b,c
Vitamin B₁ (nmol/l)	All	137.2 / (79 – 235)	34.2	a,b	140.0 / (72–215)	37.6	a	130.3 / (63–275)	37.6	b	133.0 / (91–208)	33.3	a,b
Vitamin B₂ (μg/l)	All	230 / (150–334)	54.3	a	247 / (175–343)	37.0	b	225 / (155–335)	56.0	a,c	220 / (147–318)	44.5	a,c
Vitamin B₆ (nmol/l)	All	51.7 / (20–264)	40.8	a	54.6 / (18–187)	28.6	a	48.7 / (14–257)	29.1	a	54.8 / (15–194)	30.8	a
Vitamin C (mg/l)	All	6.9 / (0.4–13.1)	3.7	a	7.8 / (1.6–19.5)	5.8	a,b	8.8 / (0.6–16.6)	4.7	b	10.4 / (3.0–20.4)	4.1	c
Vitamin A (μmol/l)	All	1.61 / (0.9–3.1)	0.62	a	1.75 / (1.0–3.0)	0.58	a	1.67 / (1.0–2.9)	0.59	a	1.35 / (0.9–2.9)	0.42	b
Vitamin D (nmol/l)	All	70.7 / (17–134)	21.6	a	65.4 / (34–118)	26.6	a	68.3 / (18–145)	34.3	a	65.0 / (16–181)	22.3	a
Vitamin E (μmol/l)	All	26.7 / (17–72)	8.9	a	27.1 / (17–60)	7.8	a	25.0 / (14–44)	7.3	a,b	24.0 / (13–47)	6.8	b
Ferritin (μg/l)	All	80.1 / (3.1–455)	89.6	a	31.3 / (2.5–223)	44.2	b	31.2 / (4.5–267)	19.6	b	29.9 / (1.5–169)	39.8	b
Transferrin (g/l)	All	2.5 / (2.0–3.9)	0.5	a	2.8 / (1.9–4.7)	0.78	b	2.8 / (2.0–3.9)	0.5	b	2.8 / (1.8–4.1)	0.5	b
Transferrin saturation (%)	All	28.5 / (6.4–88.0)	13.2	a	26.2 / (2.9–57.7)	18.6	a	27.0 / (6.6–60.0)	13.3	a	30.9 / (7.8–73.0)	20.1	a
24h urine													
Magnesium (mmol/24h)	All	4.30 / (1.0–10.6)	2.10	a	4.40 / (1.4–9.5)	1.93	a	4.80 / (1.0–8.7)	1.60	a	4.90 / (1.3–9.9)	2.20	a
Sodium (mmol/24h)	All	143 / (61–291)	79	a	113 / (40–299)	71	a	146 / (48–282)	80	a	128 / (42–346)	88	a
Selenium (μmol/ 24h)	All	0.25 / (0.07–0.77)	0.19	a	0.19 / (0.06–0.76)	0.13	b	0.20 / (0.07–0.66)	0.09	b	0.16 / (0.06–0.91)	0.12	b
Zinc (μmol/24h)	m	10.75 / (3.6–32.8)	3.33	a	8.30 / (3.4–19.7)	8.00	a	8.25 / (2.8–13.6)	4.53	a	6.05 / (4.3–13.4)	3.55	a

(Continued)

TABLE 6 Continued

Parameter	Sex	Group 1			Group 2			Group 3			Group 4		
		Median / IQR		<i>p</i>	Median / IQR		<i>p</i>	Median / IQR		<i>p</i>	Median / IQR		<i>p</i>
	w	5.85 / 4.23 (3.2–27.2)		a	5.20 / 3.08 (1.8–14.6)		a	5.60 / 4.20 (1.7–18)		a	4.20 / 2.70 (0.8–9.5)		b
	All	7.85 / 5.58 (3.2–32.8)		a	5.50 / 4.60 (1.8–19.7)		b,c	6.10 / 3.90 (1.7–18)		b	5.00 / 3.30 (0.8–13.4)		c
Iodine ($\mu\text{g/l}$)	All	53.0 / 47.5 (17–268)		a	52.0 / 35.5 (13–192)		a,b	42.0 / 27.0 (6–335)		a,b	21.5 / 16.8 (8–509)		b

Significant influence of sex: zinc.

Adjusted for age: vitamin E.

*Diet groups with different indices differ significantly ($p < 0.05$).

§4cB12 score-combined index of B12 deficiency (normal range: $-0.5 - 1.0$).