



## Erratum

# Associations between nutrient intakes and dietary patterns with different sarcopenia definitions in older Australian men: the concord health and ageing in men project - ERRATUM

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The above article was published with an incorrect column header in Table 1; this has been corrected below.

Original Table:

Erratum

**Table 1** Characteristics of the study population according to the Foundation for the National Institutes of Health (FNIH), European Working Group on Sarcopenia in Older People (EWGSOP) and EWGSOP2 definitions

Variables	Total population		FNIH-defined sarcopenia				P value	EWGSOP-defined sarcopenia				P value	EWGSOP2-defined sarcopenia								
			No sarcopenia, n 600 (87.1%)		Sarcopenia, n 89 (12.9%)			No sarcopenia, n 566 (87.1%)		Sarcopenia, n 84 (12.9%)			No sarcopenia, n 350 (52.1%)		Probable sarcopenia, n 208 (31.0%)		Sarcopenia, n 93 (13.8%)		Severe sarcopenia, n 21 (3.1%)		
			n	%	Mean	SD		Mean	SD	Mean	SD		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean
Age (years)	792		598	87.0	89	13.0		564	87.0	84	13.0		348	51.9	208	31.0	93	13.9	21	3.1	
75–79	334	42.2	274	92.3	23	7.7		257	87.7	36	12.3		187	64.5	80	27.6	21	7.2	2	0.7	
80–85	285	36.0	218	87.9	30	12.1		206	88.0	28	12.0		120	50.2	83	34.7	31	13.0	5	2.1	
85+	173	21.8	106	74.6	36	25.4		101	83.5	20	16.5		41	29.1	45	31.9	41	29.1	14	9.9	
Mean	81.1		80.6		83.3		<0.0001	80.6		81.4		0.17	79.0		80.4		82.3		84.4		0.25
SD	4.5		4.2		5.0			4.2		4.3			3.2		4.0		4.4		5.3		
Marital status	787		594	87.0	89	13.0		560	87.0	84	13.0		348	52.3	206	30.9	91	13.7	21	3.2	
Married/De facto	596	75.7	463	88.7	59	11.3		435	87.3	63	12.7		284	55.7	150	29.4	62	12.2	14	2.7	
Divorced/separated/ widowed/never married/other	191	24.3	131	81.4	30	18.6	0.001	125	85.6	21	14.4	0.28	64	41.0	56	35.9	29	18.6	7	4.5	0.84
Living arrangement	791		598	87.0	89	13.0		564	87.0	84	13.0		350	52.2	208	31.0	91	13.6	21	3.1	
Living alone	161	20.4	118	85.5	20	14.5		110	89.4	13	10.6		64	48.9	43	32.8	21	16.0	3	2.3	
Living with others	630	79.6	480	87.4	69	12.6	0.41	454	86.5	71	13.5		286	53.1	165	30.6	70	13.0	18	3.3	0.85
Country of birth	794		600	87.1	89	12.9		566	87.1	84	12.9		350	52.1	208	31.0	93	13.8	21	3.1	
Australia	418	52.6	316	88.3	42	11.7		301	88.5	39	11.5		192	54.1	101	28.5	51	14.4	11	3.1	
UK	36	4.5	325	92.6	2	7.4		24	88.9	3	11.1		14	45.2	8	25.8	6	19.4	3	9.7	
Italy	162	20.4	119	83.8	23	16.2		109	82.0	24	18.0		71	54.6	43	33.1	13	10.0	3	2.3	
Greece	26	3.3	23	88.5	3	11.5		22	91.7	2	8.3		12	52.2	9	39.1	2	8.7	0	0.0	
*Other	152	19.1	117	86.0	19	14.0	0.77	110	87.3	16	12.7	0.22	61	45.9	47	35.3	21	15.8	4	3.0	0.09
Income	791		598	87.0	89	13.0		564	87.0	84	13.0		349	52.1	208	31.0	92	13.7	21	3.1	
Age pension only	315	39.8	234	84.8	42	15.2		217	85.4	37	14.6		126	48.3	89	34.1	38	14.6	8	3.1	
Age pension + another source	173	21.9	124	87.3	18	12.7		114	83.2	23	16.8		66	46.2	51	35.7	20	14.0	6	4.2	
Other source	303	38.3	240	89.2	29	10.8	0.24	233	90.7	24	9.3	0.03	157	59.0	68	25.6	34	12.8	7	2.6	0.08
BMI (kg/m <sup>2</sup> )	774		594	87.2	87	12.8		564	87.3	82	12.7		348	52.0	207	30.9	93	13.9	21	3.1	
Underweight (<22)	46	5.9	29	85.3	5	14.7		30	100.0	0	0.0		3	7.1	21	50.0	12	28.6	6	14.3	
Normal (22–30)	521	67.3	406	88.5	53	11.5		389	88.8	49	11.2		241	52.7	147	32.2	55	12.0	14	3.1	
Overweight/Obese (>30)	207	26.7	159	84.6	29	15.4		145	81.5	33	18.5		104	61.2	39	22.9	26	15.3	1	0.6	
Mean	27.7		27.7		28.7		0.33	27.6		29.8		0.001	28.2		27.3		28.0		25.5		0.32
SD	4.0		3.8		4.4			3.8		3.9			3.5		3.9		4.6		4.2		
PASE	786		594	87.0	89	13.0)		560	87.1	83	12.9		346	52.0	207	31.1	92	13.8	21	3.2	
Low activity (≤76)	198	25.2	164	93.2	12	6.8		110	78.6	30	21.4		52	34.7	44	29.3	41	27.3	13	8.7	
Moderate activity (77–160)	390	49.6	311	89.1	38	10.9		292	90.7	30	9.3		183	53.7	108	31.7	42	12.3	8	2.3	
High activity (≥161)	198	25.2	119	75.3	39	24.7	<0.0001	158	87.3	23	12.7	<0.0001	111	63.4	55	31.4	9	5.1	0	0.0	0.47

Table 1 Continued

Variables	Total population		FNIH-defined sarcopenia					EWGSOP-defined sarcopenia					EWGSOP2-defined sarcopenia								
			No sarcopenia, n 600 (87.1%)		Sarcopenia, n 89 (12.9%)		P value	No sarcopenia, n 566 (87.1%)		Sarcopenia, n 84 (12.9%)		P value	No sarcopenia, n 350 (52.1%)		Probable sarcopenia, n 208 (31.0%)		Sarcopenia, n 93 (13.8%)		Severe sarcopenia, n 21 (3.1%)		P value
			Mean	SD	Mean	SD		Mean	SD	Mean	SD		Mean	SD	Mean	SD	Mean	SD	Mean	SD	
n	%																				
Self-rated health	792		599	87.1	89	12.9		565	87.1	84	12.9		350	52.2	208	31.0	92	13.7	21	3.1	
Fair/poor/very poor	204	25.8	126	76.4	39	23.6		118	78.1	33	21.9		59	37.3	51	32.3	38	24.1	10	6.3	
Excellent/good	588	74.2	473	90.4	50	9.6	<0.0001	447	89.8	51	10.2	<0.0001	291	56.7	157	30.6	54	10.5	11	2.1	0.20
Cigarette smoking	786		593	87.0	89	13.0		561	87.0	84	13.0		347	52.0	208	31.2	91	13.6	21	3.1	
Non-smoker	318	40.5	335	87.0	50	13.0		227	84.7	41	15.3		140	50.5	83	30.0	41	14.8	13	4.7	
Ex-smoker	440	56.0	237	86.2	38	13.8		314	89.0	39	11.0		202	54.7	110	29.8	49	13.3	8	2.2	
Current smoker	28	3.6	21	95.5	1	4.5	0.46	20	83.3	4	16.7	0.19	5	23.8	15	71.4	1	4.8	0	0.0	0.72
Alcohol consumption	786		690		114			560	87.1	83	12.9		347	52.2	206	31.0	91	13.7	21	3.2	
Safe-drinker	563	71.6	426	87.3	62	12.7		401	87.7	56	12.3		248	52.4	147	31.1	63	13.3	15	3.2	
Harmful drinker	39	5.0	26	78.8	7	21.2		51	85.0	9	15.0		33	55.0	21	35.0	5	8.3	1	1.7	
Ex-drinker	116	14.8	87	86.1	14	13.9		83	88.3	11	11.7		53	53.0	27	27.0	16	16.0	4	4.0	
Lifelong non-drinker	68	8.7	54	91.5	5	8.5	0.53	25	78.1	7	21.9	0.46	13	40.6	11	34.4	7	21.9	1	3.1	0.36
Co-morbidity (Continuous)	792		599		89			565	87.1	84	12.9		350	52.2	208	31.0	92	13.7	21	3.1	
Mean		2.5		2.33		3.30	<0.000		2.31		3.23	<0.000		2.19		2.44		3.18		3.19	0.89
SD		1.6		1.59		1.74			1.58		1.75			1.46		1.57		1.94		1.54	
MMSE score (Continuous)	747		570	87.7	80	12.3		538	87.5	77	12.5		337	53.1	194	30.6	86	13.5	18	2.8	
Minimum	15		17		15			15		17			16		15		17		19		
Maximum	30		30		30			30		30			30		30		30		29		
Mean		27.4		27.59		26.56	0.95		27.63		26.90	0.59		27.82		27.35		27.03		25.56	0.82
SD		2.8		2.69		3.05			2.99		2.44			3.04		2.78		2.77			
Able to prepare own meal	792		599	87.1	89	12.9		565	87.1	84	12.9		350	52.2	208	31.0	92	13.7	21	3.1	
No	32	4.0	13	59.1	9	40.9		10	71.4	4	28.6		5	29.4	3	17.6	4	23.5	5	29.4	
Yes	760	96.0	586	88.0	80	12.0	<0.000	555	87.4	80	12.6	0.04	345	52.8	205	31.3	88	13.5	16	2.4	0.97
Meal service (e.g. MOW)	792		599	87.1	89	12.9		565	87.1	84	12.9		350	52.2	208	31.0	92	13.7	21	3.1	
Yes	24	3.0	13	59.1	9	40.9		14	87.5	2	12.5		1	12.5	2	25.0	2	25.0	3	37.5	
No	768	97.0	586	88.0	80	12.0	0.51	551	87.0	82	13.0	0.82	349	52.6	206	31.1	90	13.6	18	2.7	0.91
Able to grocery shop	792		599	87.1	89	12.9		565	87.1	84	12.9		350	52.2	208	31.0	92	13.7	21	3.2	
No	15	1.9	7	70.0	3	30.0		5	83.3	1	16.7		7	38.9	7	38.9	4	22.2	0	0.0	
Yes	777	98.1	592	87.3	86	12.7	0.002	560	87.1	83	12.9	0.07	343	52.5	201	30.8	88	13.5	21	3.2	0.75

PASE, Physical Activity Scale for the Elderly; MMSE, Mini-mental State Examination; MOW, Meals on wheels.

Corrected Table:

Erratum

**Table 1** Characteristics of the study population according to the Foundation for the National Institutes of Health (FNIH), European Working Group on Sarcopenia in Older People (EWGSOP) and EWGSOP2 definitions

Variables	Total population		FNIH-defined sarcopenia				EWGSOP-defined sarcopenia					EWGSOP2-defined sarcopenia											
			No sarcopenia, n 600 (87.1%)		Sarcopenia, n 89 (12.9%)		No sarcopenia, n 566 (87.1%)		Sarcopenia, n 84 (12.9%)			No sarcopenia, n 350 (52.1%)		Probable sarcopenia, n 208 (31.0%)		Sarcopenia, n 93 (13.8%)		Severe sarcopenia, n 21 (3.1%)					
			n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	P value		
Age (years)	792		598	87.0	89	13.0			564	87.0	84	13.0			348	51.9	208	31.0	93	13.9	21	3.1	
75–79	334	42.2	274	92.3	23	7.7			257	87.7	36	12.3			187	64.5	80	27.6	21	7.2	2	0.7	
80–85	285	36.0	218	87.9	30	12.1			206	88.0	28	12.0			120	50.2	83	34.7	31	13.0	5	2.1	
85+	173	21.8	106	74.6	36	25.4			101	83.5	20	16.5			41	29.1	45	31.9	41	29.1	14	9.9	
Mean	81.1		80.6		83.3		<0.0001		80.6		81.4		0.17		79.0		80.4		82.3		84.4		0.25
SD	4.5		4.2		5.0			4.2		4.3			3.2		4.0		4.4		5.3				
Marital status	787		594	87.0	89	13.0			560	87.0	84	13.0			348	52.3	206	30.9	91	13.7	21	3.2	
Married/De facto	596	75.7	463	88.7	59	11.3			435	87.3	63	12.7			284	55.7	150	29.4	62	12.2	14	2.7	
Divorced/separated/ widowed/never married/other	191	24.3	131	81.4	30	18.6	0.001		125	85.6	21	14.4	0.28		64	41.0	56	35.9	29	18.6	7	4.5	0.84
Living arrangement	791		598	87.0	89	13.0			564	87.0	84	13.0			350	52.2	208	31.0	91	13.6	21	3.1	
Living alone	161	20.4	118	85.5	20	14.5			110	89.4	13	10.6			64	48.9	43	32.8	21	16.0	3	2.3	
Living with others	630	79.6	480	87.4	69	12.6	0.41		454	86.5	71	13.5			286	53.1	165	30.6	70	13.0	18	3.3	0.85
Country of birth	794		600	87.1	89	12.9			566	87.1	84	12.9			350	52.1	208	31.0	93	13.8	21	3.1	
Australia	418	52.6	316	88.3	42	11.7			301	88.5	39	11.5			192	54.1	101	28.5	51	14.4	11	3.1	
UK	36	4.5	325	92.6	2	7.4			24	88.9	3	11.1			14	45.2	8	25.8	6	19.4	3	9.7	
Italy	162	20.4	119	83.8	23	16.2			109	82.0	24	18.0			71	54.6	43	33.1	13	10.0	3	2.3	
Greece	26	3.3	23	88.5	3	11.5			22	91.7	2	8.3			12	52.2	9	39.1	2	8.7	0	0.0	
*Other	152	19.1	117	86.0	19	14.0	0.77		110	87.3	16	12.7	0.22		61	45.9	47	35.3	21	15.8	4	3.0	0.09
Income	791		598	87.0	89	13.0			564	87.0	84	13.0			349	52.1	208	31.0	92	13.7	21	3.1	
Age pension only	315	39.8	234	84.8	42	15.2			217	85.4	37	14.6			126	48.3	89	34.1	38	14.6	8	3.1	
Age pension + another source	173	21.9	124	87.3	18	12.7			114	83.2	23	16.8			66	46.2	51	35.7	20	14.0	6	4.2	
Other source	303	38.3	240	89.2	29	10.8	0.24		233	90.7	24	9.3	0.03		157	59.0	68	25.6	34	12.8	7	2.6	0.08
BMI (kg/m <sup>2</sup> )	774		594	87.2	87	12.8			564	87.3	82	12.7			348	52.0	207	30.9	93	13.9	21	3.1	
Underweight (<22)	46	5.9	29	85.3	5	14.7			30	100.0	0	0.0			3	7.1	21	50.0	12	28.6	6	14.3	
Normal (22–30)	521	67.3	406	88.5	53	11.5			389	88.8	49	11.2			241	52.7	147	32.2	55	12.0	14	3.1	
Overweight/Obese (>30)	207	26.7	159	84.6	29	15.4			145	81.5	33	18.5			104	61.2	39	22.9	26	15.3	1	0.6	
Mean	27.7		27.7		28.7		0.33		27.6		29.8		0.001		28.2		27.3		28.0		25.5		0.32
SD	4.0		3.8		4.4			3.8		3.9			3.5		3.9		4.6		4.2				
PASE	786		594	87.0	89	13.0			560	87.1	83	12.9			346	52.0	207	31.1	92	13.8	21	3.2	
Low activity (≤76)	198	25.2	164	93.2	12	6.8			110	78.6	30	21.4			52	34.7	44	29.3	41	27.3	13	8.7	
Moderate activity (77–160)	390	49.6	311	89.1	38	10.9			292	90.7	30	9.3			183	53.7	108	31.7	42	12.3	8	2.3	
High activity (≥161)	198	25.2	119	75.3	39	24.7	<0.0001		158	87.3	23	12.7	<0.0001		111	63.4	55	31.4	9	5.1	0	0.0	0.47

Table 1 Continued

Variables	Total population		FNIH-defined sarcopenia				EWGSOP-defined sarcopenia					EWGSOP2-defined sarcopenia									
			No sarcopenia, n 600 (87.1%)		Sarcopenia, n 89 (12.9%)		No sarcopenia, n 566 (87.1%)		Sarcopenia, n 84 (12.9%)			No sarcopenia, n 350 (52.1%)		Probable sarcopenia, n 208 (31.0%)		Sarcopenia, n 93 (13.8%)		Severe sarcopenia, n 21 (3.1%)			
			n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n
Self-rated health	792		599	87.1	89	12.9		565	87.1	84	12.9		350	52.2	208	31.0	92	13.7	21	3.1	
Fair/poor/very poor	204	25.8	126	76.4	39	23.6		118	78.1	33	21.9		59	37.3	51	32.3	38	24.1	10	6.3	
Excellent/good	588	74.2	473	90.4	50	9.6	<0.0001	447	89.8	51	10.2	<0.0001	291	56.7	157	30.6	54	10.5	11	2.1	0.20
Cigarette smoking	786		593	87.0	89	13.0		561	87.0	84	13.0		347	52.0	208	31.2	91	13.6	21	3.1	
Non-smoker	318	40.5	335	87.0	50	13.0		227	84.7	41	15.3		140	50.5	83	30.0	41	14.8	13	4.7	
Ex-smoker	440	56.0	237	86.2	38	13.8		314	89.0	39	11.0		202	54.7	110	29.8	49	13.3	8	2.2	
Current smoker	28	3.6	21	95.5	1	4.5	0.46	20	83.3	4	16.7	0.19	5	23.8	15	71.4	1	4.8	0	0.0	0.72
Alcohol consumption	786		690		114			560	87.1	83	12.9		347	52.2	206	31.0	91	13.7	21	3.2	
Safe-drinker	563	71.6	426	87.3	62	12.7		401	87.7	56	12.3		248	52.4	147	31.1	63	13.3	15	3.2	
Harmful drinker	39	5.0	26	78.8	7	21.2		51	85.0	9	15.0		33	55.0	21	35.0	5	8.3	1	1.7	
Ex-drinker	116	14.8	87	86.1	14	13.9		83	88.3	11	11.7		53	53.0	27	27.0	16	16.0	4	4.0	
Lifelong non-drinker	68	8.7	54	91.5	5	8.5	0.53	25	78.1	7	21.9	0.46	13	40.6	11	34.4	7	21.9	1	3.1	0.36
Co-morbidity (Continuous)	792		599		89			565	87.1	84	12.9		350	52.2	208	31.0	92	13.7	21	3.1	
Mean		2.5		2.33		3.30	<0.000		2.31		3.23	<0.000		2.19		2.44		3.18		3.19	0.89
SD		1.6		1.59		1.74			1.58		1.75			1.46		1.57		1.94		1.54	
MMSE score (Continuous)	747		570	87.7	80	12.3		538	87.5	77	12.5		337	53.1	194	30.6	86	13.5	18	2.8	
Minimum		15		17		15			15		17			16		15		17		19	
Maximum		30		30		30			30		30			30		30		30		29	
Mean		27.4		27.59		26.56	0.95		27.63		26.90	0.59		27.82		27.35		27.03		25.56	0.82
SD		2.8		2.69		3.05		87.5		2.99	2.44			3.04		2.78		2.77			
Able to prepare own meal	792		599	87.1	89	12.9		565	87.1	84	12.9		350	52.2	208	31.0	92	13.7	21	3.1	
No	32	4.0	13	59.1	9	40.9		10	71.4	4	28.6		5	29.4	3	17.6	4	23.5	5	29.4	
Yes	760	96.0	586	88.0	80	12.0	<0.000	555	87.4	80	12.6	0.04	345	52.8	205	31.3	88	13.5	16	2.4	0.97
Meal service (e.g. MOW)	792		599	87.1	89	12.9		565	87.1	84	12.9		350	52.2	208	31.0	92	13.7	21	3.1	
Yes	24	3.0	13	59.1	9	40.9		14	87.5	2	12.5		1	12.5	2	25.0	2	25.0	3	37.5	
No	768	97.0	586	88.0	80	12.0	0.51	551	87.0	82	13.0	0.82	349	52.6	206	31.1	90	13.6	18	2.7	0.91
Able to grocery shop	792		599	87.1	89	12.9		565	87.1	84	12.9		350	52.2	208	31.0	92	13.7	21	3.2	
No	15	1.9	7	70.0	3	30.0		5	83.3	1	16.7		7	38.9	7	38.9	4	22.2	0	0.0	
Yes	777	98.1	592	87.3	86	12.7	0.002	560	87.1	83	12.9	0.07	343	52.5	201	30.8	88	13.5	21	3.2	0.75

PASE, Physical Activity Scale for the Elderly; MMSE, Mini-mental State Examination; MOW, Meals on wheels.



**Reference**

Das A, Cumming RG, Naganathan V, Blyth F, Le Couteur DG, Handelsman DJ, Waite LM, Ribeiro RV, Simpson SJ, Hirani V (2020) Associations between nutrient intakes and dietary patterns with different sarcopenia definitions in older Australian men: the concord health and ageing in men project. *Public Health Nutrition*; 1–16. DOI: 10.1017/S1368980020003547