

Problematic drinking in the old and its association with muscle mass and muscle function in type II diabetes

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Supplement table 1: Association between grip strength and problematic drinking behavior in women

	no T2D (n = 672)								T2D (n = 65)						
Model	Unstandardised coefficients		Model characteristics					Model	Unstandardised coefficients						
	B	SE	R ²	Partial Eta Squared	Observed ^a power	p ^b			B	SE	R ²	Partial Eta Squared	Observed ^a power	p ^b	
1	-0.040	0.678	0.012	<0.001	0.050	0.953		1	2.702	2.430	0.216	0.024	0.194	0.271	
2	-1.181	0.882	0.069	0.006	0.267	0.181		2	5.068	4.891	0.428	0.067	0.163	0.317	
3	-0.821	0.916	0.088	0.003	0.145	0.371		3	9.712	4.697	0.584	0.263	0.477	0.061	

B = Beta coefficient; SE = standard error; T2D = Type II Diabetes

a) Computed using alpha = 0.05

b) P for trend from linear regression models

Model 1: Age, trunk fat mass, HbA1c, antidiabetic medication

Model 2: Model 1 + TSH, CRP, Testosterone, physical activity level (RAPA), depression (GDS-score), morbidities, Smoking status

Model 3: Model 2 + total energy intake/day

Supplement table 2: Association between ALM and problematic drinking behavior in women

	no T2D (n = 672)							T2D (n = 65)						
Model	Unstandardised coefficients		Model characteristics					Model	Unstandardised coefficients					
	B	SE	R ²	Partial Eta Squared	Observed ^a power	p ^b			B	SE	R ²	Partial Eta Squared	Observed ^a power	p ^b
1	0.286	0.295	0.167	0.002	0.162	0.333		1	0.676	1.074	0.197	0.007	0.095	0.532
2	0.326	0.399	0.231	0.002	0.129	0.415		2	0.162	2.178	0.343	0.000	0.051	0.941
3	0.245	0.416	0.235	0.001	0.090	0.557		3	0.626	2.084	0.389	0.006	0.059	0.768

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a) Computed using alpha = 0.05

b) P for trend from linear regression models

Model 1: Age, trunk fat mass, HbA1c, antidiabetic medication

Model 2: Model 1 + TSH, CRP, Testosterone, physical activity level (RAPA), depression (GDS-score), morbidities, Smoking status

Model 3: Model 2 + total energy intake/day

Supplement table 3: Results of bootstrap for coefficients of linear regression model 3 with respect to the association between ALM and problematic drinking behavior

		Unstandardised coefficients		p-value	BCa 95% confidence interval	
		B	SE		Lower bound	Upper bound
Men	No T2D (n = 598)	0.716	0.512	0.157	-0.268	1.690
	T2D (n = 116)	-3.661	1.775	0.037	-7.812	-0.269
women	No T2D (n = 672)	0.245	0.482	0.582	-0.787	1.391
	T2D (n = 65)	0.626	5.217	0.883	-10.065	10.997

Based on 1000 samples

Supplement table 4: Results of bootstrap for coefficients of linear regression model 3 with respect to the association between grip strength and problematic drinking behavior

		Unstandardised coefficients		p-value	BCa 95% confidence interval	
		B	SE		Lower bound	Upper bound
Men	No T2D (n = 598)	0.270	1.061	0.797	-1.925	2.373
	T2D (n = 116)	-8.115	4.692	0.075	-18.429	2.700
women	No T2D (n = 672)	-0.821	0.986	0.425	-2.561	0.769
	T2D (n = 65)	9.712	17.337	0.431	-22.426	36.086

Based on 1000 samples

