

Table 5. Multiple linear regression model for the association between demographic and clinical characteristics and levels of Vitamin D per age group

	Reference category	Coefficient B	SE B	p-value
Total population				
Constant	----	20.82	5.05	<0.001
Age (years)	----	0.10	0.08	0.195
BMI (Kg/m ²)	----	-0.13	0.19	0.500
Smoking	no	-4.24	1.08	<0.001
Alcohol (g/week)	----	0.04	0.14	0.769
Calcium (mg/week)	----	0.001	0.001	0.752
Age group 20-29				
Constant	----	32.75	14.20	0.027
Age (years)	----	-0.70	0.45	0.126
BMI (Kg/m ²)	----	0.23	0.33	0.486
Smoking	no	-4.33	2.03	0.040
Alcohol (g/week)	----	-0.21	0.29	0.478
Calcium (mg/week)	----	0.001	0.001	0.443
Age group 30-39				
Constant	----	11.75	12.26	0.341
Age (years)	----	0.52	0.27	0.072
BMI (Kg/m ²)	----	-0.30	0.32	0.344
Smoking	no	-2.46	1.49	0.103
Alcohol (g/week)	----	-0.12	0.24	0.622
Calcium (mg/week)	----	0.00	0.00	0.880
Age group 40-49				
Constant	----	41.48	19.73	0.043
Age (years)	----	-0.25	0.36	0.495
BMI (Kg/m ²)	----	-0.36	0.35	0.323
Smoking	no	-9.16	2.89	0.003
Alcohol (g/week)	----	0.48	0.23	0.050
Calcium (mg/week)	----	0.00	0.00	0.817