

Additionalnal Table 1 Multivariable associations with OFI-8 items by binominal logistic regression analysis

Independent variables	Q1			Q2			Q3			Q4			Q5			Q6			Q7			Q8			
	ORs	95% CI	<i>p</i>	ORs	95% CI	<i>p</i>	ORs	95% CI	<i>p</i>	ORs	95% CI	<i>p</i>	ORs	95% CI	<i>p</i>	ORs	95% CI	<i>p</i>	ORs	95% CI	<i>p</i>	ORs	95% CI	<i>p</i>	
Remaining teeth	≥20	Ref			Ref			Ref			Ref			Ref			Ref			Ref			Ref		
	<20	1.5	1.21-1.85	<0.001	1.04	0.84-1.28	0.725	3.32	2.77-3.99	<0.001	1.24	1.01-1.52	0.036	1.05	0.87-1.27	0.612	2.24	0.91-5.49	0.079	1.08	0.85-1.37	0.538	1.25	1.04-1.50	0.020
Decayed teeth	0	Ref			Ref			Ref			Ref			Ref			Ref			Ref			Ref		
	≥1	1.07	0.86-1.34	0.554	1.07	0.87-1.33	0.516	1.17	0.97-1.41	0.096	1.14	0.93-1.39	0.221	1.11	0.91-1.36	0.286	2.08	0.67-6.46	0.208	1.04	0.82	1.33	1.16	0.95-1.41	0.140
Oral malodor	Good	Ref			Ref			Ref			Ref			Ref			Ref			Ref			Ref		
	Poor	1.69	0.51-5.66	0.388	1.49	0.42-5.28	0.532	1.48	0.58-3.77	0.417	0.98	0.34-2.76	0.963	3.02	0.94-9.66	0.063	1.27	0.39-4.11	0.688	1.45	0.52-4.05	0.484	1.63	0.59-4.54	0.346
Family dental clinic	Yes	Ref			Ref			Ref			Ref			Ref			Ref			Ref			Ref		
	No	1.05	1.13-1.66	0.627	1.21	0.99-1.14	0.055	1.16	0.95-1.37	0.079	1.04	0.86-1.25	0.692	1.2	1.00-1.43	0.048	1.59	0.64-3.92	0.317	1.03	0.83-1.29	0.776	5.25	4.41-6.25	<0.001
Oral concerns	No	Ref			Ref			Ref			Ref			Ref			Ref			Ref			Ref		
	Yes	5.91	4.68-7.44	<0.001	2.23	1.83-2.73	<0.001	1.38	1.17-1.63	<0.001	2.59	2.14-3.15	<0.001	1.01	0.84-1.21	0.926	1.4	0.57-3.45	0.463	1.35	1.07-1.69	0.010	1.19	0.99-1.42	0.052

ORs, odds ratio; CI, confidence interval.

Independent variables: sex, smoking status, residential area, pocket depth, bleeding on probing, dental plaque, tongue coating, interdental cleaning, medical history, polypharmacy, and shrinking of body weight.

Q1: Do you have any difficulties eating tough foods compared to 6 months ago?

Q2: Have you choked on your tea or soup recently?

Q3: Do you use dentures?

Q4: Do you often have a dry mouth?

Q5: Do you go out less frequently than you did last year?

Q6: Can you eat hard foods like squid jerky or pickled radish?

Q7: How many times do you brush your teeth in a day?

Q8: Do you visit a dental clinic at least annually?