

**Relationship of tongue coating microbiome on volatile sulfur compounds in
healthy and halitosis adults**

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Table S1. Comparisons of demographic and clinical characteristics between the
halitosis and control groups

	Halitosis (mean ± SD)	Control (mean ± SD)	<i>P</i>
Gender (N,%)			0.397 ^b
Male	11(68.8%)	7 (58.3%)	
Female	5 (31.2%)	5 (41.7%)	
Age	37.7±6.89	33.3±9.48	0.262 ^a
Organoleptic assessment	2.75±0.45	0.08±0.29	<0.001 ^a
VSC	448.69±147.68	75.00±60.62	0.040 ^a
H ₂ S	1070.63±481.18	72.67±53.06	<0.001 ^a
CH ₃ SH	379.19±208.11	26.08±36.25	0.013 ^a
CH ₃ SCH ₃	59.44±58.85	11.42±19.65	<0.001 ^a
Tongue index	1.88±0.62	1.67±0.49	0.346 ^a
Pocket depth	1.29 ± 0.41	1.20 ± 0.12	0.679 ^a
Gingival index	0.36 ± 0.55	0.17 ± 0.19	0.355 ^a
Plaque index	1.35 ± 0.46	1.01 ± 0.27	0.285 ^a
Frequency of smoking (N, %)			1.000^b
Never	15 (93.8%)	11 (91.7%)	
1-6 day/week	1 (6.2%)	1 (8.3%)	
Everyday	0 (0.0%)	0 (0.0%)	
Average cigarette smoking (N, %)			1.000^b
Never	15 (93.8%)	11 (91.7%)	
<5 cigarettes/day	1 (6.2%)	1 (8.3%)	
5-10 cigarettes/day	0 (0.0%)	0 (0.0%)	

11-15 cigarettes/day

0 (0.0%)

0 (0.0%)

Obtained by Student's *t*-test (two groups).

^a Obtained by Student's *t*-test

^b Obtained by Chi-squared test

N: number

SD: standard deviation

OS: organoleptic assessment score