Table S1. Multivariate analysis of age, sex and clinical parameters on cfDNA concentrations

Parameter estimates (β value)[a]								
		Variables						
		Age	Sex	Clinical parameters				
Samples	Intercept	(years)	(M=1; F=0)	Mean PD	Max PD	BOP	Mean PI	(R^2 value)[b]
GCF	-399.4	6.417	-10.39	185.6				0.449
(ng/ul	($p < 0.001$)	($p = 0.044$)	($p = 0.815$)	($p < 0.001$)				
per 30-s	-172.3	2.870	-20.97		78.04			0.471
sample)	($p = 0.581$)	($p = 0.387$)	($p = 0.629$)		($p < 0.001$)			
	-189.7	8.500	-9.607			5.080		0.513
	($p = 0.031$)	($p = 0.003$)	($p = 0.817$)			($p < 0.001$)		
	-195.9	8.050	-25.29				206.2	0.392
	($p = 0.046$)	($p = 0.015$)	($p = 0.588$)				($p < 0.001$)	
Saliva	-94.28	3.177	-60.14	114.6				0.505
(ng/ml)	($p = 0.107$)	($p = 0.080$)	($p = 0.019$)	($p < 0.001$)				
	47.33	1.355	-66.12		7.053			0.497
	($p = 0.372$)	($p = 0.487$)	($p = 0.011$)		($p < 0.001$)			
	39.22	4.834	-59.29			2.794		0.501
	($p = 0.458$)	($p = 0.006$)	($p = 0.022$)			($p < 0.001$)		
	33.73	4.400	-68.58				119.9	0.420
	($p = 0.555$)	($p = 0.024$)	($p = 0.014$)				($p < 0.001$)	
Plasma	134.5	1.709	25.79	35.21				0.128
(ng/ml)	($p = 0.008$)	($p = 0.265$)	($p = 0.232$)	($p = 0.019$)				
	178.2	1.191	24.02		13.72			0.124
	($p < 0.001$)	($p = 0.470$	($p = 0.268$)		($p = 0.024$)			
	180.5	2.672	26.51			0.4388		0.080
	($p < 0.001$)	($p = 0.077$)	($p = 0.232$)			($p = 0.242$)		
	177.7	2.425	24.41				25.02	0.084
	($p < 0.001$)	($p = 0.118$)	($p = 0.271$)				($p = 0.189$)	

Abbreviations: cfDNA, cell-free DNA; GCF, gingival crevicular fluid; PD, probing depth; BOP, bleeding on probing; PI, plaque index; M, male; F, female.

[a,b]Multiple linear regression; $n = 81$.