

Supplementary table: Summary of the variables used in this study.

Variable	Sub-categories of variable	Renaming of independent variable (including derived variables)	Final variables (sub-categories) used in the current manuscript
Dhhgage	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	Age-groups	1. 12-19 years 2. 20-29 years 3. 30-39 years 4. 40-49 years 5. 50-59 years 6. 60-69 years 7. 70-79 years 8. 80 and older
dhh_sex Sex	1,2		1=male 2=female
dhhgms Marital status	1 = married 2= common-law 3= widowed/divorced/separated 4= single		1= married/common-law 2= widowed/divorced/separated 3= single
sdcdgcb Country of birth-grouped	1= Canada 2= other		1= Canada 2= other
den_040 Avoid going to dental professional because of the cost	1= yes 2= no		1= yes 2= no
incdghh Total household income-all sources	1= No income or less than \$20,000 2= \$20,000 to \$39,999 3= \$40,000 to \$59,999 4= \$60,000 to \$79,999 5= \$80,000 or more		1= No income or less than \$20,000 2= \$20,000 to \$39,999 3= \$40,000 to \$59,999 4= \$60,000 to \$79,999 5= \$80,000 or more

dhhhdghsz Household size	1= one person living in household 2= two persons living in household 3= three persons living in household 4= four persons living in household 5= Grouped - 5 or more persons live in the household		1= One person living in household 2= Two persons living in household 3= Three or more persons living in household
dhhhdgle5 Number of persons 5 years old or less in household	0= No persons under 6 in the household 1= One or more persons under 6 in the household		0= No persons under 6 in the household 1= One or more persons under 6 in the household
sdc_035 Considers self heterosexual / homosexual / bisexual	1= Heterosexual 2= Homosexual, that is lesbian or gay 3= bisexual		1= Heterosexual 2= Homosexual + bisexual
den_005 Has at least one of own teeth	1= yes 2= no		1= yes 2= no
Den_010 Frequency of tooth brushing	Continuous variable		1= less than 2 times 2= two times or more
Den_035 Last time visited a dental professional	1= Less than 1 year to 1 year ago 2= More than 1 year to 2 years ago 3= More than 2 years to 3 years ago 4= More than 3 years to 4 years ago 5= More than 4 years to 5 years ago 6= More than 5 years ago		1= one year or less 2= more than one year
gen_020	1= Not at all stressful		1= not stressful

Perceived life stress	2= Not very stressful 3= A bit stressful 4= Quite a bit stressful 5= Extremely stressful		2= stressful (including extremely stressful)
mac_015 Currently attending school/college/CEGEP/university	1= yes 2= no		1= yes 2= no
gen_030 Sense of belonging to local community	1= Very strong 2= Somewhat strong 3= Somewhat weak 4= Very weak		1= Strong (1 or 2) 2= Weak (3 or 4)
gen_015 Perceived mental health	1= Excellent 2= Very good 3= Good 4= Fair 5= Poor		1= Good to excellent 2= Fair to poor
oht_015 Problem with mouth-uncomfortable to eat food-freq-12 mo	1= Often 2= Sometimes 3= Rarely 4= Never		1= Rarely/never 2= Often/sometimes
Sdcdgres length of time in Canada since immigration	1= Length of time in Canada since immigration 0 - 9 years 2= Length of time in Canada since immigration 10 - 121 years		1= < 10 years 2= ≥ 10 years
oht_050 Had persistent bad breath-frequency (past 12mo)	1= Often 2= Sometimes 3= Rarely 4= Never		1= Rarely/never 2= Often/sometimes
oht_020	1= Often 2= Sometimes		1= Rarely/never 2= Often/sometimes

Problem with mouth-avoid particular food-freq-12 mo	3= Rarely 4= Never		
geodghr4 Health region			Grouped into 5 regions
gen_005 Perceived general health	1= Excellent 2= Very good 3= Good 4= Fair 5= Poor		1= Good to excellent 2= Fair to poor
den_020 Wears dentures/ false teeth	1= yes 2= no		1= yes 2= no
sdc dglhm Language(s) spoken most often at home	1= English (with or without language other than French) 2= French (with or without language other than English) 3= English and French (with or without other language) 4= Neither English nor French (Other)		1= English 2= French 3= English and French 4= Other
oht_010 Satisfaction with teeth/denture appearance	1= Very satisfied 2= Satisfied 3= Neither satisfied nor dissatisfied 4= Dissatisfied 5= Very dissatisfied		1= Dissatisfied and very dissatisfied 2= Neither satisfied nor dissatisfied 3= Satisfied and very satisfied
dhh_own Dwelling ownership-own or rent	1= Owned by member of hhld, even if it is still being paid for 2= Rented, even if no cash rent is paid		1= Owned 2= Rented
sdc_015 Aboriginal identity-First	1= Yes 2= No		1= Yes 2= No

nations/Metis/ Inuit			
ehg2dvh3 Highest level of education- household	1= Less than secondary school graduation 2= Secondary school graduation, no post- secondary education 3= Post-secondary certificate diploma or univ degree		1= ≤ secondary school graduation 2= > secondary school graduation
sdcdgcgt Cultural/racial background	1= White 2= Non-white		1= White 2= Non-white
oht_005 Perceived oral health	1= Excellent 2= Very good 3= Good 4= Fair 5= Poor		1= Good to excellent 2= Fair to poor
gendvswl Satisfaction with life in general	1= Very Satisfied 2= Satisfied 3= Neither satisfied nor dissatisfied 4= Dissatisfied 5= Very Dissatisfied		1= Dissatisfied and very dissatisfied 2= Neither satisfied nor dissatisfied 3= Satisfied and very satisfied
oht_025 Problem with mouth-other persistent pain- freq-12 mo	1= Often 2= Sometimes 3= Rarely 4= Never		1= Rarely/never 2= Often/sometimes
oht_040 Had bleeding gums- frequency	1= Often 2= Sometimes 3= Rarely 4= Never		1= Rarely/never 2= Often/sometimes
		“Employ_st atus”	1= Full-time employed (lbfdvpft==1)

			2= Part-time employed (lbfvpft==2) 3= Unemployed (mac_010==2)
		“dental insurance”	1= Employment-based insurance (den_050a==1) 2= Government-based insurance (den_050b==1 + den_050d ==1 + den_050e ==1) 3= Private insurance (den_050c==1) 4= No insurance (den_045 ==2)
oht_040 Had bleeding gums- frequency	1= Often 2= Sometimes 3= Rarely 4= Never		1= Rarely/never 2= Often/sometimes