

notation	variable name	coefficient	coefficient value	p-value
b_0	(Intercept)	b_0	6.978078	< 2e-15
x1	age_at_first_birth	b_1	-0.015671	1.53E-07
x2	age	b_2	0.005035	0.000104
x3	sexMale	b_3	-0.110156	0.000454
x4	marital_statusLiving common-law	b_4	0.340159	7.70E-07
x5	marital_statusMarried	b_5	0.436738	4.25E-15
x6	marital_statusSeparated	b_6	-0.180917	0.035488
x7	marital_statusSingle, never married	b_7	-0.106822	0.154719
x8	marital_statusWidowed	b_8	-0.266238	0.007397
x9	educationCollege, CEGEP or other non-university certificate or diploma	b_9	0.060929	0.165381
x10	educationHigh school diploma or a high school equivalency certificate	b_{10}	0.102985	0.030002
x11	educationLess than high school diploma or its equivalent	b_{11}	0.330906	4.53E-07
x12	educationTrade certificate or diploma	b_{12}	0.159688	0.009732
x13	educationUniversity certificate or diploma below the bachelor's level	b_{13}	0.088087	0.276749
x14	educationUniversity certificate, diploma or degree above the bachelor's level	b_{14}	-0.030221	0.584205
x15	income_family\$125,000 and more	b_{15}	0.044656	0.342737
x16	income_family\$25,000 to \$49,999	b_{16}	-0.210183	0.000425
x17	income_family\$50,000 to \$74,999	b_{17}	-0.023073	0.672565
x18	income_family\$75,000 to \$99,999	b_{18}	-0.093609	0.080257
x19	income_familyLess than \$25,000	b_{19}	-0.252708	0.002051
x20	selfRated_healthExcellent	b_{20}	0.899280	0.025405
x21	selfRated_healthFair	b_{21}	0.288198	0.476299
x22	selfRated_healthGood	b_{22}	0.558666	0.164072
x23	selfRated_healthPoor	b_{23}	-0.070201	0.867284
x24	selfRated_healthVery good	b_{24}	0.695305	0.083239
x25	selfRated_mental_healthExcellent	b_{25}	1.084089	0.015805
x26	selfRated_mental_healthFair	b_{26}	-0.835097	0.065808
x27	selfRated_mental_healthGood	b_{27}	0.054305	0.903656
x28	selfRated_mental_healthPoor	b_{28}	-2.902332	1.30E-09
x29	selfRated_mental_healthVery good	b_{29}	0.658690	0.142181

Form 1:

table appendix: The table shows all the variable name from x1 to x29, the corresponding coefficient b and b value, and their p value. We get all these data from the multiple linear regression ran by R studio.

In this form, we can find that

from x4 to x8 are the dummy variables of “marital_status” with the baseline of “marital_status_Divorced”;

from x9 to x14 are the dummy variables of “education” with the baseline of “educationBachelor’s degree (e.g. B.A., B.Sc., LL.B.)”;

from x15 to x19 are the dummy variables of “income_family” with the baseline of “income_family\$99,999 to \$125,000”;

from x20 to x24 are the dummy variables of “selfRated_health”;

from x25 to x29 are the dummy variable of “selfRated_mental_health”.