

1 **Supplemental table S1.** Measurement of adverse childhood experience

2 **Supplemental table S2.** Measurement of health and health behaviours

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4 Supplemental table S1. Measurement of adverse childhood experience

Items	JAGES			FPS, HeSSup		
	Question	Answer	Code	Question	Answer	Code
	Did you experience any of the following before the age of 18?;			The respondents were asked whether they had experienced the following adversities in their childhood:		
Parental divorce in childhood	Parents' divorce	No	0	Divorce/separation of the parents	No	0
		Yes	1		Yes	1
		Unknown	missing		Do not know or cannot say	missing
Severe financial difficulties	Financial trouble	No	0	Long-term financial difficulties in the family	No	0
		Yes	1		Yes	1
		Unknown	missing		Do not know or cannot say	missing
Fear of a family member	1) Your father was violent with your mother (being witness to domestic violence)	No	0	Frequent fear for a family member	No	0
	2) You were hit hard by your mother/father causing an injury (physical abuse)	Yes ^a	1		Yes	1
		Unknown	missing		Do not know or cannot say	missing

a: If someone answers yes to the question of either of 1) or 2), the code is "Yes".

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Items	JAGES			FPS		
	Question	Answer	Code	Question	Answer	Code
Self-rated health	How is your current health status?	Excellent	0	How is your current health status?	Good	0
		Good	0		Fairly good	0
		Fair	1		Moderate	1
		Poor	1		Fairly poor	1
					Poor	1
Cancer	Circle the number of all diseases for which you are currently receiving treatment or experiencing; Cancer	No	0	National Cancer Register	No	0
		Yes	1		Yes within 5 years	1
					Unknown	Missing
Heart disease or stroke	Circle the number of all diseases for which you are currently receiving treatment or experiencing; 1) Heart disease, 2) Stroke (e.g. brain hemorrhage, cerebral infarction)	No	0	Special reimbursement for the medication, from Social Insurance Institution of Finland	No	0
		Yes ^a	1		Yes	1
					Unknown	Missing
Diabetes mellitus	Circle the number of all diseases for which you are currently receiving treatment or experiencing; Diabetes mellitus	No	0	Special reimbursement for the medication, from Social Insurance Institution of Finland	No	0
		Yes	1		Yes	1
					Unknown	Missing
Smoking	Do you smoke cigarettes?	No	0	Do you smoke or have you ever smoked regularly, i.e. every day or almost every day?	Never	0

I used to

1

smoke

Yes, before

1

Yes

2

Yes, I still do

2

a: If someone answers yes to the question of either of 1) or 2), the code is "Yes".

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