

Additional file 1. Questions from the SCAPIS questionnaire used in the present analyses. Reference to the original question is given if available.

Educational level

What is your highest completed level of education?

- No formal education degree
- Elementary school
- High school / Vocational education
- University degree

Employment status

What is your current occupation?

- Employed, _____% of fulltime
- On leave / parental leave
- Studying
- Labour market measure
- Unemployed
- Retired
- Early or sick retiree

Financial strain

If you were to suddenly end up in a situation where you had to raise SEK 20,000 (≈EURO 2,000) in one week, would you be able to do it?

- Yes
- No

Strandhagen, E., et al. (2010). "Selection bias in a population survey with registry linkage: potential effect on socioeconomic gradient in cardiovascular risk." Eur J Epidemiol 25(3): 163-172.

Marital status

What is your current marital status?

- Alone
- Divorced
- Married/Cohabitat
- Widow

Born in Sweden

Are you born in Sweden?

- Yes
- No

Smoking habits

Do you smoke?

- No, have never smoked
- Yes, smokes regularly
- No, stopped smoking
- Yes, smokes occasionally

Commuting habits**Mode of travel to work:****Spring**

Car
Bus/tram/train
Bicycling
Walking

Summer

Car
Bus/tram/train
Bicycling
Walking

Autumn

Car
Bus/tram/train
Bicycling
Walking

Winter

Car
Bus/tram/train
Bicycling
Walking

Wennberg, P., et al (2006). The effects of commuting activity and occupational and leisure time physical activity on risk of myocardial infarction. European Journal of Cardiovascular Prevention & Rehabilitation December 2006 13: 924-930

Sleep

How well are you sleeping usually?

Very well
Well
Rather well
Badly
Very badly

Adapted from the Basic Nordics Sleep Questionnaire Partinen, M. and T. Gislason (1995). "Basic Nordic Sleep Questionnaire (BNSQ): a quantitated measure of subjective sleep complaints." J Sleep Res 4(S1): 150-155.

Stress

By stress we mean feeling tense, irritable, anxious or having sleeping difficulties as a result of conditions at work or at home. Did you experience this?

Never experienced stress
≥1 period of stress
≥1 period of stress during the last 5 years
several periods of stress during the last 5 years
permanent stress during the last year or the last 5 years

Adapted from: Rosengren, A., et al. (2004). "Association of psychosocial risk factors with risk of acute myocardial infarction in 11119 cases and 13648 controls from 52 countries (the INTERHEART study): case-control study." *Lancet* 364(9438): 953-962.

Rosengren, A., et al. (1991). "Self-perceived psychological stress and incidence of coronary artery disease in middle-aged men." *Am J Cardiol* 68(11): 1171-1175.

Control at work

At work I feel that I have control over what happens in most situations

Strongly disagree

Disagree

Neutral

Agree

Strongly agree

Adapted from: Rosengren, A., et al. (2004). "Association of psychosocial risk factors with risk of acute myocardial infarction in 11119 cases and 13648 controls from 52 countries (the INTERHEART study): case-control study." *Lancet* 364(9438): 953-962.

Bobak, M., et al. (2000). "Socioeconomic factors, material inequalities, and perceived control in self-rated health: cross-sectional data from seven post-communist countries." *Soc Sci Med* 51(9): 1343-1350. + references therein.

Control in life

I feel that what happens in my life is often determined by factors beyond my control

Strongly disagree

Disagree

Neutral

Agree

Strongly agree

Adapted from: Rosengren, A., et al. (2004). "Association of psychosocial risk factors with risk of acute myocardial infarction in 11119 cases and 13648 controls from 52 countries (the INTERHEART study): case-control study." *Lancet* 364(9438): 953-962.

Bobak, M., et al. (2000). "Socioeconomic factors, material inequalities, and perceived control in self-rated health: cross-sectional data from seven post-communist countries." *Soc Sci Med* 51(9): 1343-1350. + references therein.

General health

In general, would you say your health is:

Excellent

Very good

Good

Fair

Poor

Adapted from the Swedish version of the SF-36 questionnaire.

Sullivan, M., et al. (1995). "The Swedish SF-36 Health Survey--I. Evaluation of data quality, scaling assumptions, reliability and construct validity across general populations in Sweden." *Soc Sci Med* 41(10): 1349-1358.

Sullivan, M. and J. Karlsson (1998). "The Swedish SF-36 Health Survey III. Evaluation of criterion-based validity: results from normative population." *J Clin Epidemiol* 51(11): 1105-1113.

Persson, L. O., et al. (1998). "The Swedish SF-36 Health Survey II. Evaluation of clinical validity: results from population studies of elderly and women in Gothenborg." *J Clin Epidemiol* 51(11): 1095-1103

Depression symptoms

During the past 4 weeks, have you had any of the following problems with your work or other regular daily activities as a result of any emotional problems (such as feeling depressed or anxious)?

Yes

No

Adapted from the Swedish version of the SF-36 questionnaire.

Sullivan, M., et al. (1995). "The Swedish SF-36 Health Survey--I. Evaluation of data quality, scaling assumptions, reliability and construct validity across general populations in Sweden." *Soc Sci Med* 41(10): 1349-1358.

Sullivan, M. and J. Karlsson (1998). "The Swedish SF-36 Health Survey III. Evaluation of criterion-based validity: results from normative population." *J Clin Epidemiol* 51(11): 1105-1113.

Persson, L. O., et al. (1998). "The Swedish SF-36 Health Survey II. Evaluation of clinical validity: results from population studies of elderly and women in Gothenborg." *J Clin Epidemiol* 51(11): 1095-1103

Prevalent chronic conditions

Which of these diseases has a doctor diagnosed you or have you been surgically treated for?

Myocardial infarction

Angina pectoris

Atrial fibrillation

Heart failure

Heart valve disease

CABG or PCI

Intervention of arterial stenosis other than coronary artery stenosis

Aortic intervention

Stroke

Hypertension

Dyslipidemia

Diabetes

Doctor-diagnosed COPD, chronic bronchitis or emphysema

Other lung disease

Rheumatic disease

Cancer

Physical working situation

Degree of physical activity at work

Physically heavy most of the time

Sometimes physically heavy

Light and mobile

Light but partly mobile
Sedentary or standing

Wareham, N. J., et al. (2003). "Validity and repeatability of a simple index derived from the short physical activity questionnaire used in the European Prospective Investigation into Cancer and Nutrition (EPIC) study." *Public Health Nutr* 6(4): 407-413.

InterAct, C., et al. (2012). "Validity of a short questionnaire to assess physical activity in 10 European countries." *Eur J Epidemiol* 27(1): 15-25.

Exercise habits

How often have you exercised or exercised in workout clothes in the last three months, in order to improve your fitness and/or to feel good?

- Never
- Occasionally - not regularly
- 1-2 times a week
- 2-3 times a week
- More than 3 times per week

Wareham, N. J., et al. (2003). "Validity and repeatability of a simple index derived from the short physical activity questionnaire used in the European Prospective Investigation into Cancer and Nutrition (EPIC) study." *Public Health Nutr* 6(4): 407-413.

InterAct, C., et al. (2012). "Validity of a short questionnaire to assess physical activity in 10 European countries." *Eur J Epidemiol* 27(1): 15-25.

Total physical activity

How much physical movement and exertion have you had in the last 12 months?

- Sedentary
- Light exercise
- Moderate exercise
- Regular, vigorous exercise

Sweden PHao. *The Swedish national public health survey.*
<http://www.folkhalsomyndigheten.se/documents/statistik-uppfoljning/enkater-undersokningar/nationella-folkhalsoenkaten/frageformular/formular-nationella-folkhalsoenkaten-2012.pdf>. 2012.

Leisure time sitting

The last question is about the time you spent sitting on weekdays during the last 7 days. Include time spent at work, at home, while doing course work and during leisure time. This may include time spent sitting at a desk, visiting friends, reading, or sitting or lying down to watch television. How much time did you spend sitting on a day?

____ minutes

Adapted from the IPAQ questionnaire: Craig, C. L., et al. (2003). "International physical activity questionnaire: 12-country reliability and validity." *Med Sci Sports Exerc* 35(8): 1381-1395.