

# READ ME: Missing Work is a Pain: The Effect of Cox-2 Inhibitors on Sickness Absence and Disability Pension Receipt

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Our data is merged together using different datasets from Statistics Norway.

## ACCESS:

The data employed in the analysis are drawn from Norwegian administrative registers. Researchers can gain access to the data by submitting a written application to Statistics Norway. The application should include a detailed research proposal describing the goals and methods of the project, a detailed list of variables, the selection criteria to be used, and how the research will be funded. Once received, applications must be certified by The Norwegian Data Inspectorate in order to ensure that data are processed in a manner that protects the personal integrity of individuals surveyed. Conditional on this approval, Statistics Norway will then determine which data one may obtain in accordance with the research plan; all data are processed by Statistics Norway. Individuals must provide a list of all individuals who will have access to the data along with description of a secure way in which the data will be stored for the period of the research project.

Inquiries about access should be addressed to: Labour Market Section Statistics Norway PB 8131 Dep, 0033 Oslo Norway.

## DATASETS:

We merge the following datasets:

1. the population register dataset (date of birth, gender, marital status, place of residency)
2. the dataset on sickness leave reported by the Social Security Administration (work absence spells exceeding the first 16 days)
3. the dataset on disability reported by the Social Security Administration
4. the dataset on health status at age 40 (CONOR and National Health Screening Service's Age 40 Program)
5. the dataset on income and occupation
6. the dataset on educational attainment and 1970 census for individuals completing their highest degree of education before the 1973/1974 academic year

## PROGRAM FILES:

In the corresponding .do-file we show all the regressions underlying the tables and figures in the paper. The headings give information on which table/figure. The Stata data sets (.dta) should be stored in the folder "\$data". All tables are produced in .txt format, and all figures stored in .eps format. The variables used in the .do-file are described in Table 1 below.

Table 1: Variable Description

Variable name	Description	Data set
year	Year of observation	
quarter	Quarter of observation	
sex	Gender (=1 if male, =2 if female)	1
age	Year of birth minus year of observation	1
married	Indicator for whether an individual is married	1
fylke	County of residency	1
totaldays_q	Number of days of certified sickness-related work absence exceeding the first 16 days in a given quarter	2
days_month	Number of days of certified sickness-related work absence exceeding the first 16 days in a given month	2
totaldays_kid_q	Number of days of work absence due to a family member's sickness in a given quarter	2
di_quarter	Indicator whether an individual is enrolled on disability insurance in a given quarter	3
pain_joint	Indicator for joint pain at age 40	4
sleave	Indicator whether individual was on sickness absence (self-reported, at age 40)	4
psleave	Indicator whether individual was on partial/graded sickness absence (self-reported, at age 40)	4
year_since	Year of observation minus year of taking surveys	4
bmi	Body mass index at age 40	4
diabetes	Indicator whether the individual suffers from diabetes at age 40	4
asthma	Indicator whether the individual suffers from asthma at age 40	4
pain_chest	Indicator for chest pain at age 40	4
pearn	Annual earnings for taxable income	5
physical	Indicator for physically demanding occupations	5
eduy	Years of education	6
edu_l	Low education (=1 if no secondary education)	6
edu_h	High education (=1 if bachelor degree or higher)	6