



Welcome and Introduction

Nordic Seminar On Basic Skills

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SASLA

Skill acquisition, skill loss, and age

A comparative study of Cognitive Foundation Skills (CFS) in Denmark, Finland, Norway, and Sweden

<https://ktl.jyu.fi/sasla>

About SASLA

- We consider **three domains of Cognitive Foundation Skills** in PIAAC, constituting key information-processing competencies:
 - literacy,
 - numeracy, and
 - problem-solving with ICT
- Funded by NordForsk (# 54861)
- Part of Education for Tomorrow Programme
- Project period: April 1, 2013 – December 31, 2016
- 12 researchers from Denmark, Finland, Norway and Sweden

Cognitive Foundation Skills in PIAAC

Literacy

The ability to understand, evaluate, use and engage with written texts to participate in society, to achieve one's goals, and to develop one's knowledge and potential.

Numeracy

The ability to access, use, interpret and communicate mathematical information and ideas in order to engage in and manage the mathematical demands of a range of situations in adult life.

Problem solving in technology-rich environments

The ability to use digital technology, communication tools and networks to acquire and evaluate information, communicate with others and perform practical tasks.

These are everyday skills, not expert skills!

Three basic themes

1. The associations between age and CFS in literacy, numeracy and problem solving with ICT.
2. How are the associations between age and CFS to be explained?
3. What are the similarities and differences among the Nordic countries with respect to CFS and age?

Survey of Adult Skills PIAAC

- PIAAC: Programme for the International Assessment of Adult Competencies
- 24 countries participated in the first round of survey
- Target population: Adults aged 16 to 65 years residing in the country at the time of data collection
- Data collection: August 2011 – March 2012
- PIAAC data available for research purposes:
<http://www.oecd.org/site/piaac/publicdataandanalysis.htm>

PIAAC data

- Trained interviewers administered the data collection
 - Background questionnaire was administered in Computer-Aided Personal Interview format by the interviewer.
 - After that, the respondent completed the assessment either on a laptop computer or by completing a paper version using printed test booklets, depending on their computer skills.
- Representative samples of adults aged 16-65 from Nordic countries:

• Denmark	7 328
• Finland	5 464
• Norway	5 128
• Sweden	4 469

Specific feature in SASLA

Combines new survey data from *PIAAC* (Programme for International Assessment of Adult Competencies) with

1. *population register data* for the Nordic countries, and

2. *earlier survey data*

- ***IALS*** (International Adult Literacy Survey),
 - Data collection 1994 - 1998
- ***ALL*** (Adult Literacy & Life Skills Survey) and
 - Data collection 2003 - 2006
 - Only Norway participated
- ***PISA*** (Programme for International Student Assessment)
 - Data collection every third year since 2000



Welcome!

