

Equality and equity in learning opportunities in Finland: the role of qualified and motivated teachers

Jouni Välijärvi, professor
Finnish Institute for Educational Research
University of Jyväskylä

Exploring the Belgian, Finnish and Vietnamese recipes
for PISA

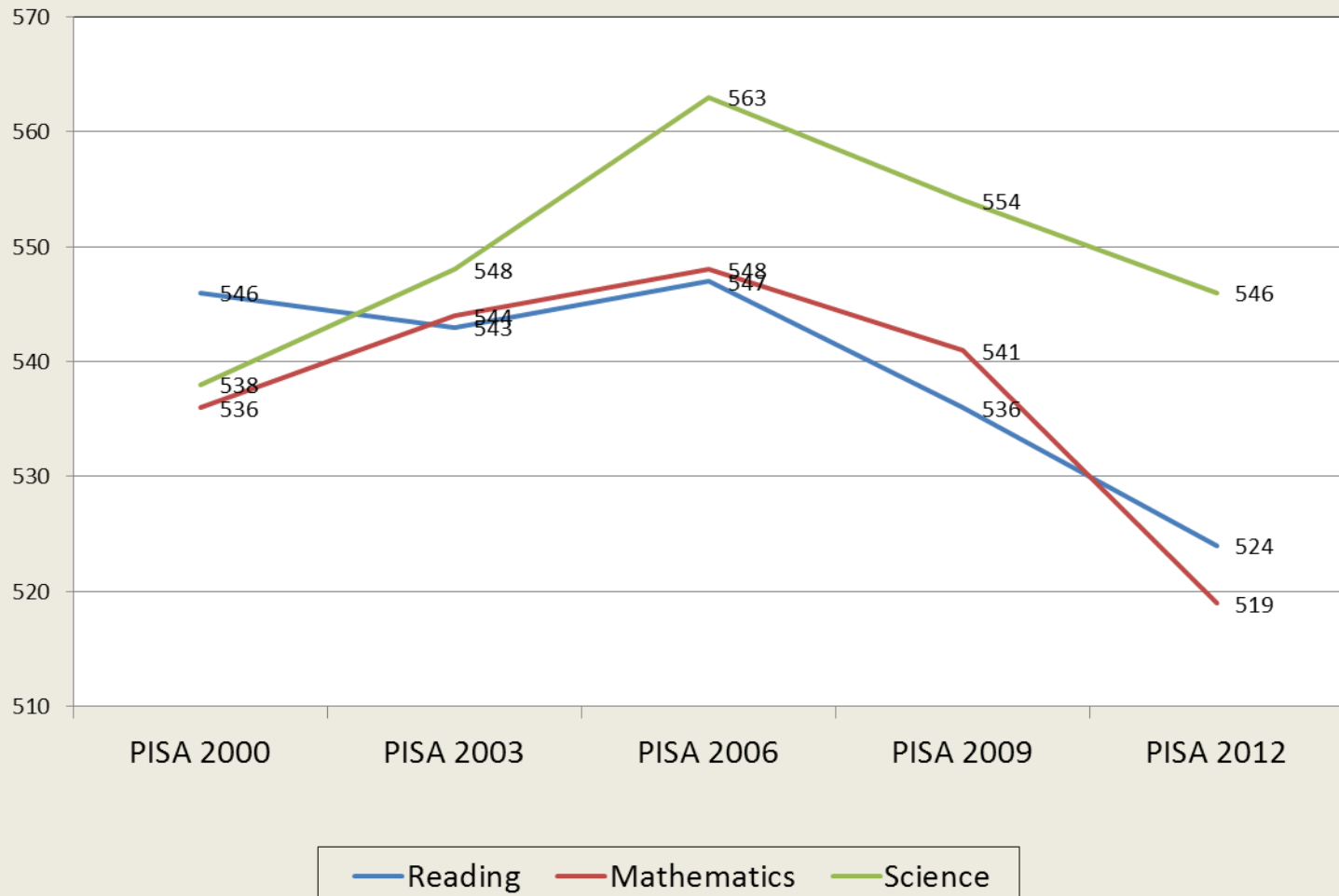
18 September, Brussels, Belgium



1934 2009

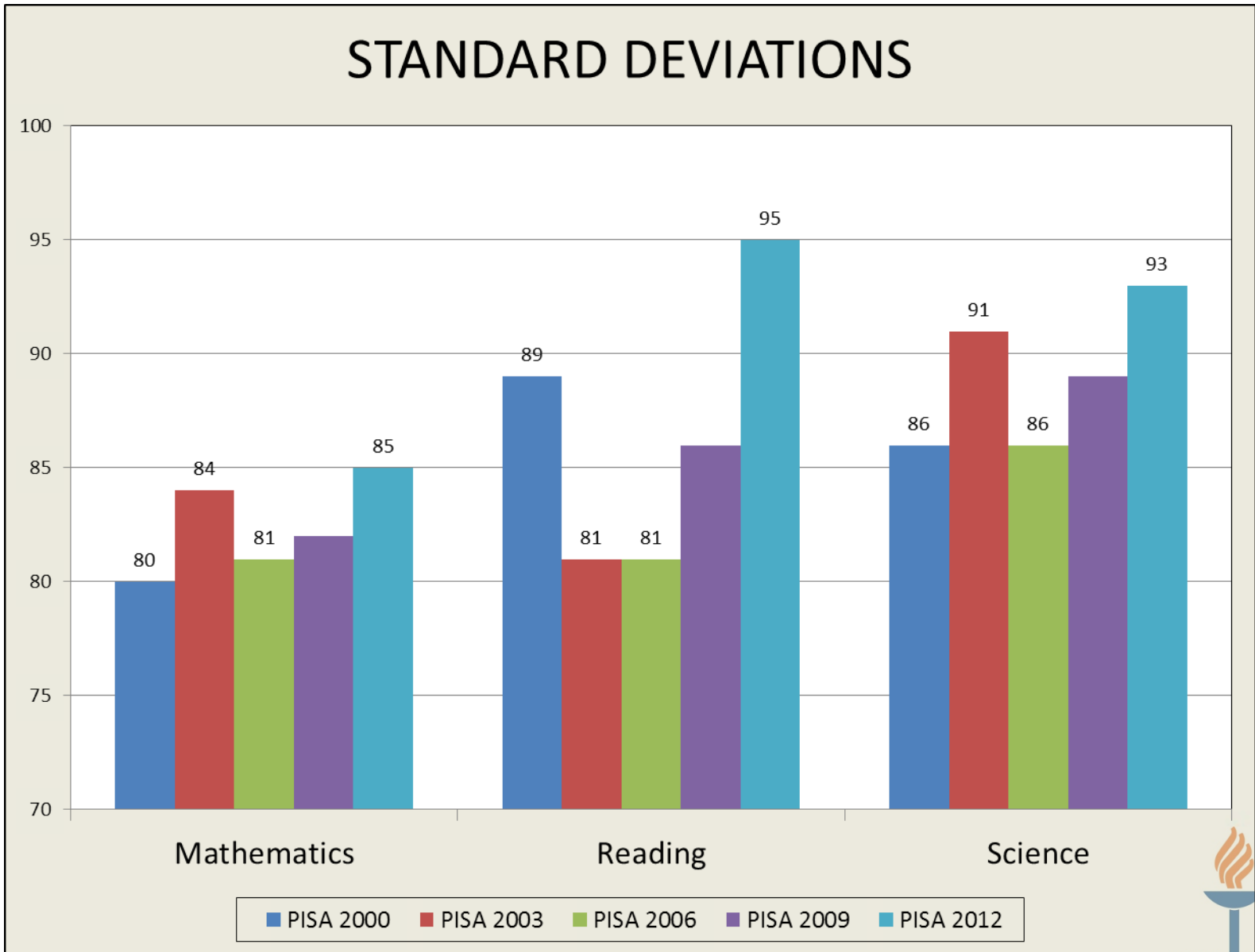
UNIVERSITY OF JYVÄSKYLÄ

AVERAGES OF THE THREE DOMAINS



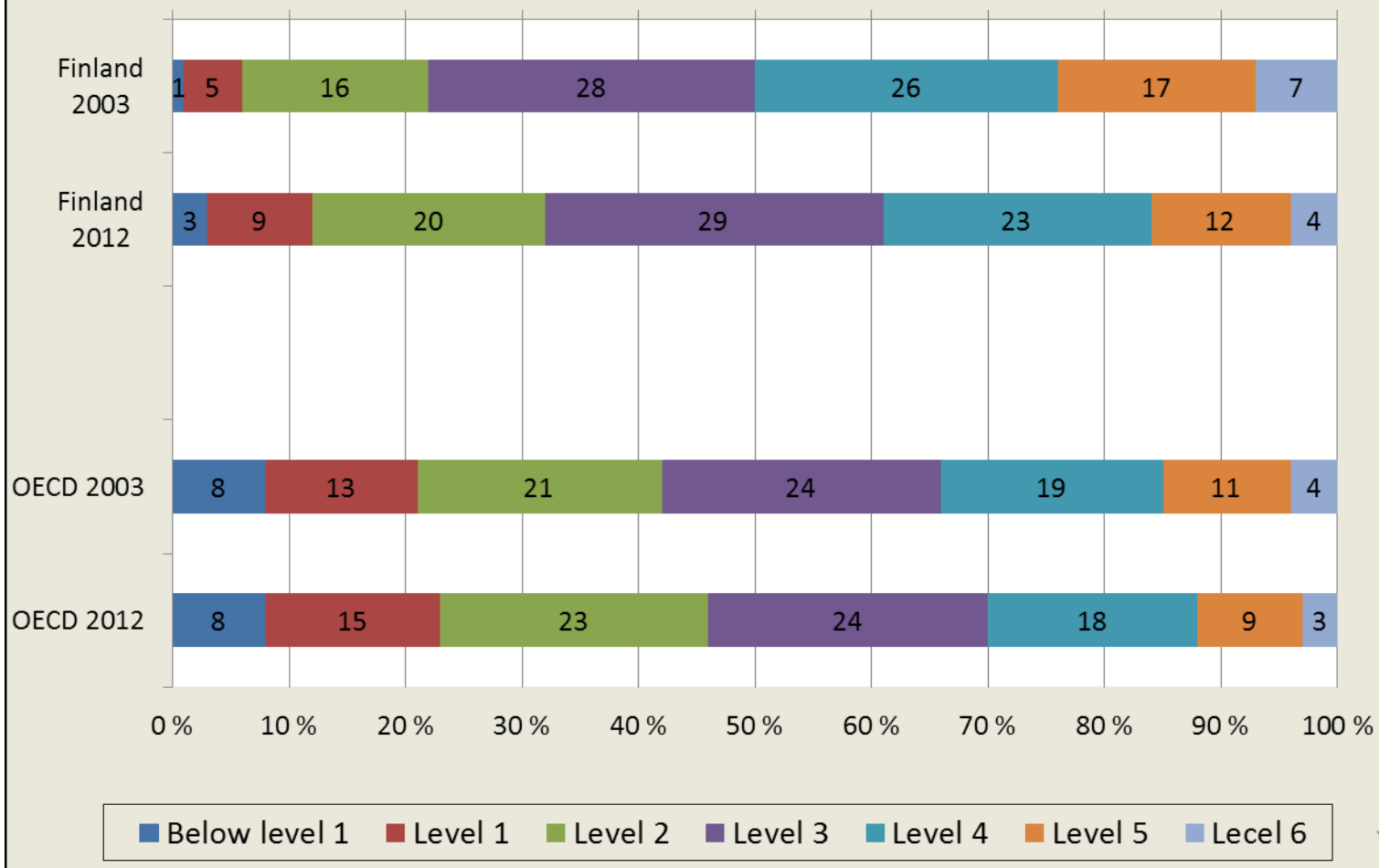
1934 2009

UNIVERSITY OF JYVÄSKYLÄ



1934 2009

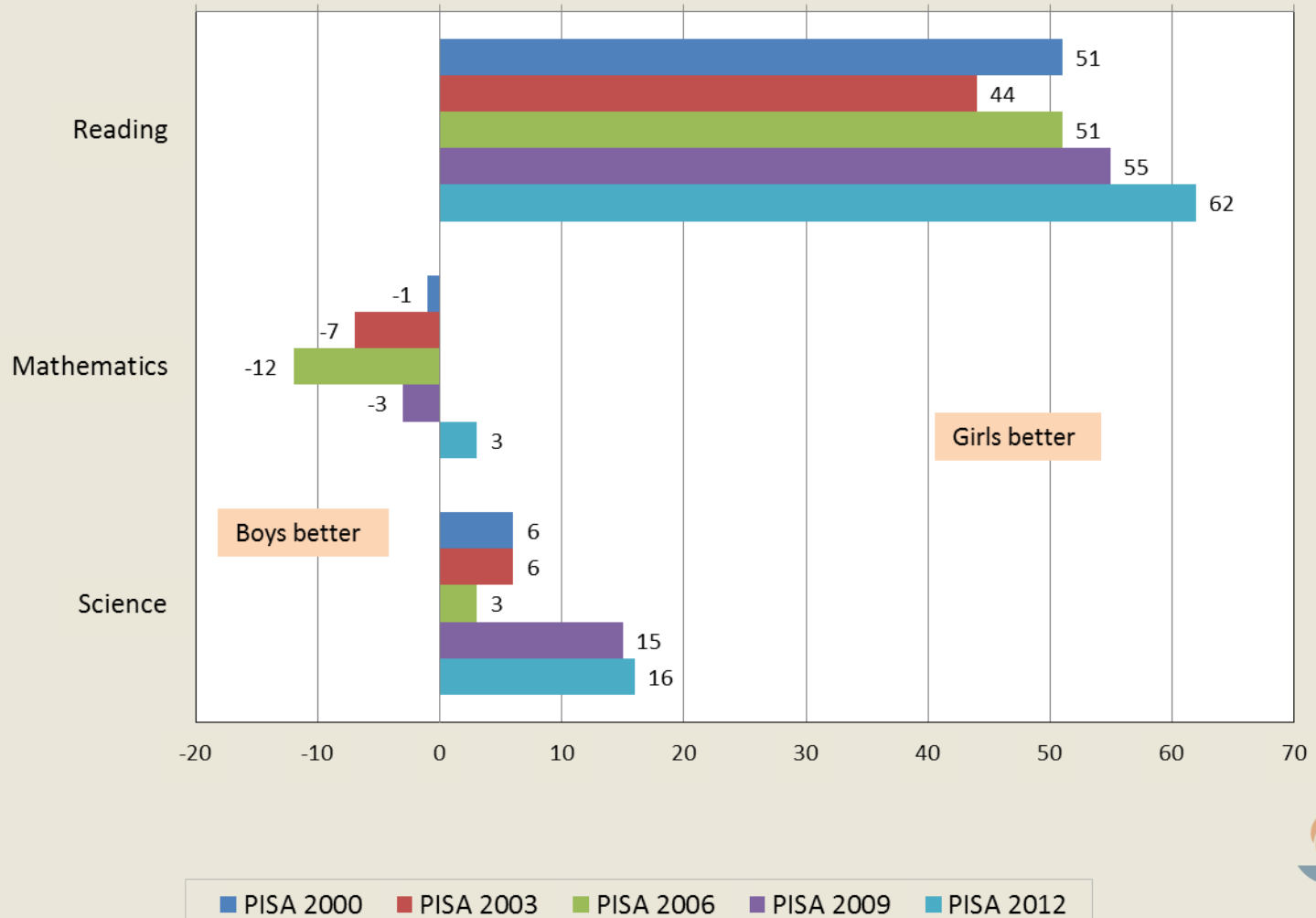
STUDENTS AT EACH LEVEL OF MATHEMATICS PROFICIENCY (%)



1934 2009

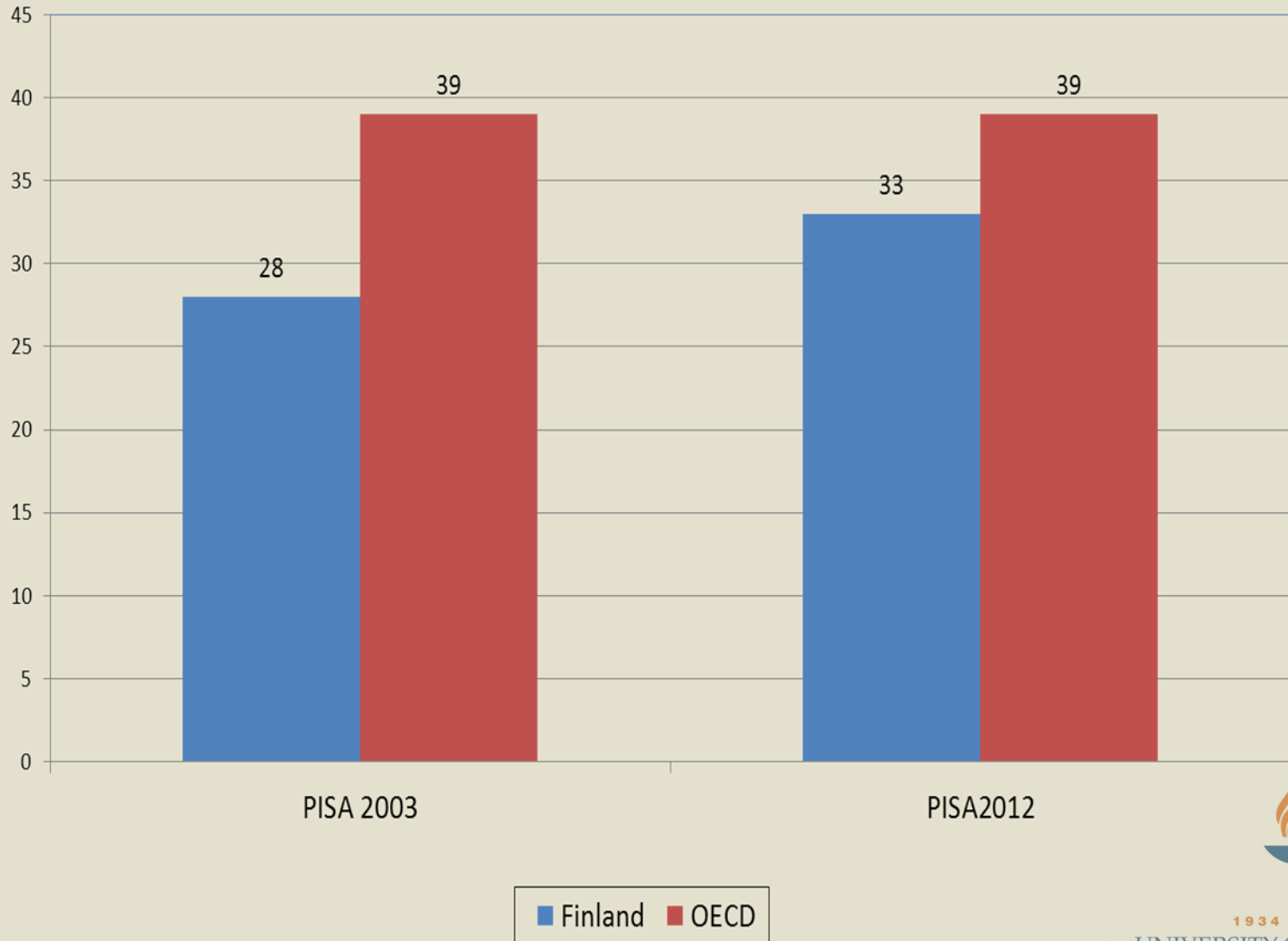
UNIVERSITY OF JYVÄSKYLÄ

GENDER GAP



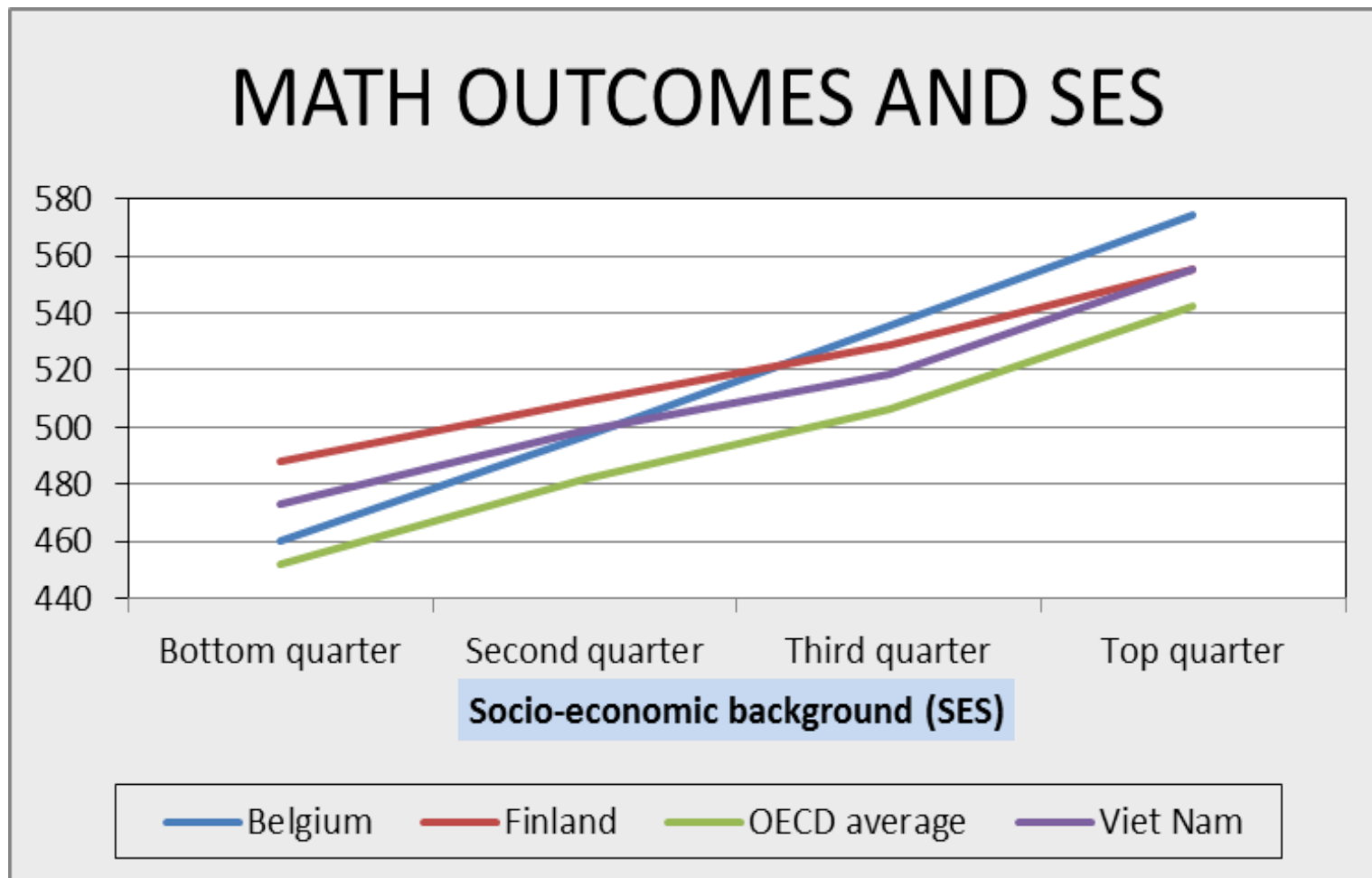
1959 2009

IMPACT OF SOCIO-ECONOMIC BACKGROUND 2003 AND 2012



1934 2009

UNIVERSITY OF JYVÄSKYLÄ



Difference between Top and Bottom quarters:

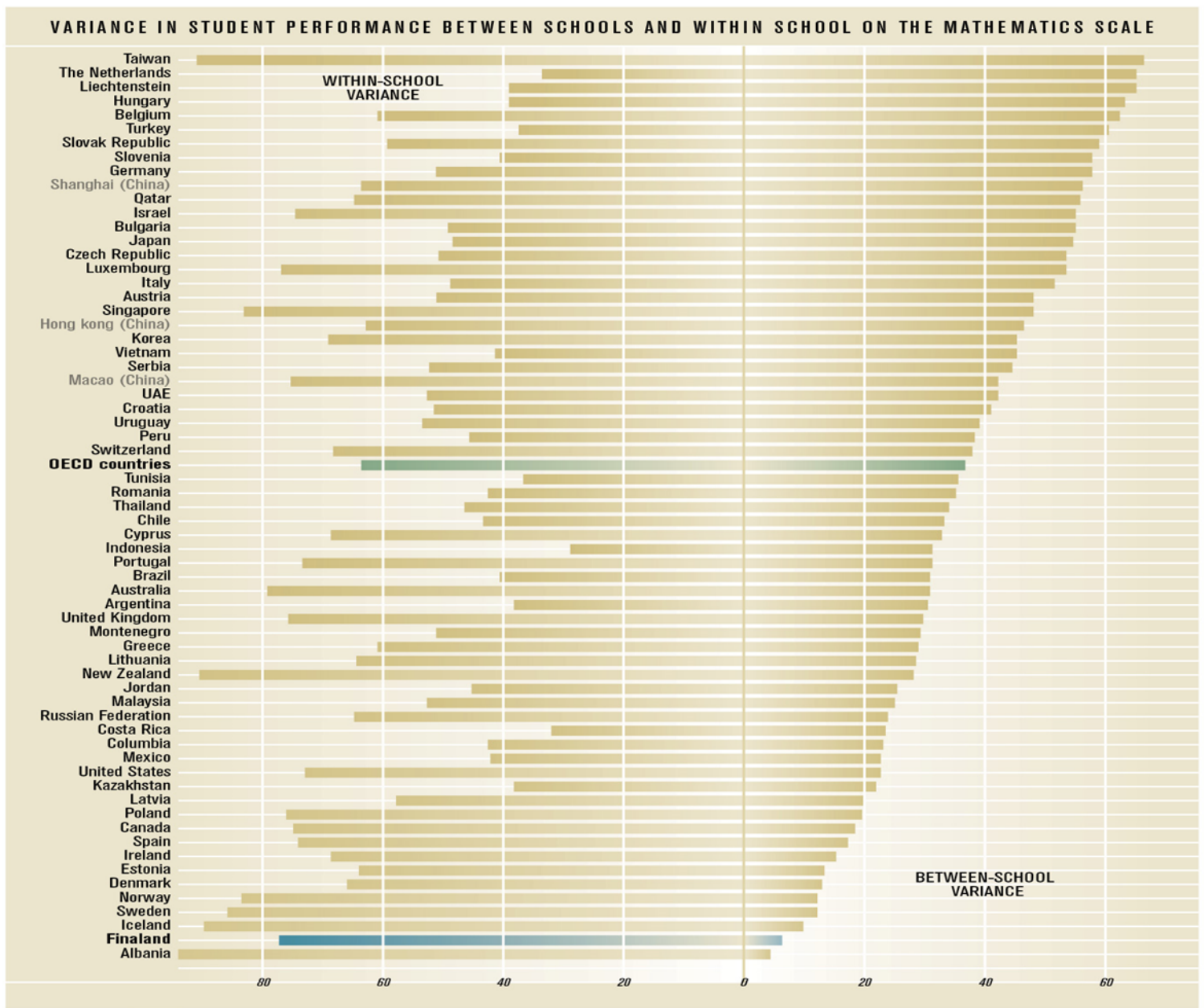
Belgium	115
Finland	67
OECD	90
Viet Nam	82



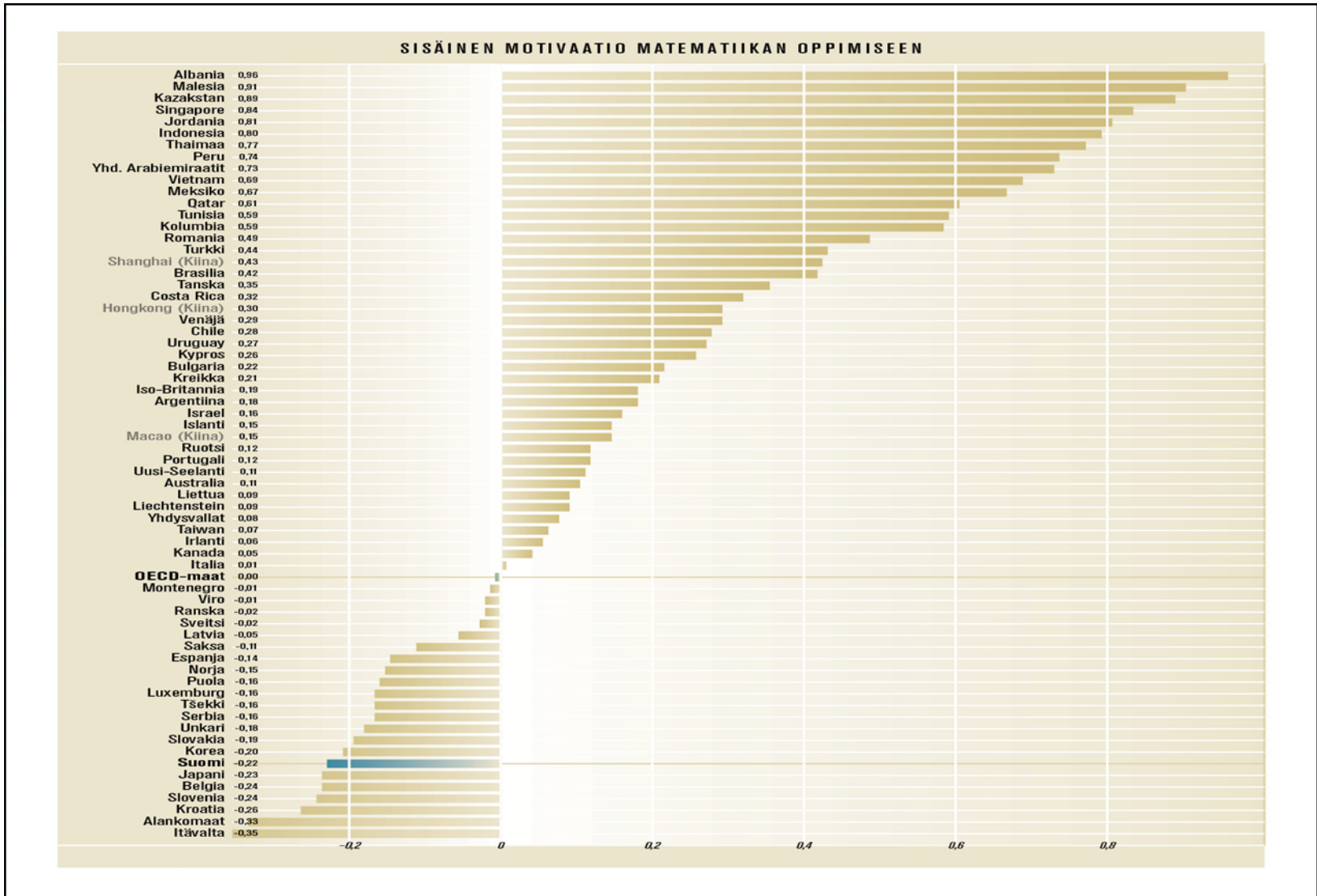
1934 2009

UNIVERSITY OF JYVÄSKYLÄ

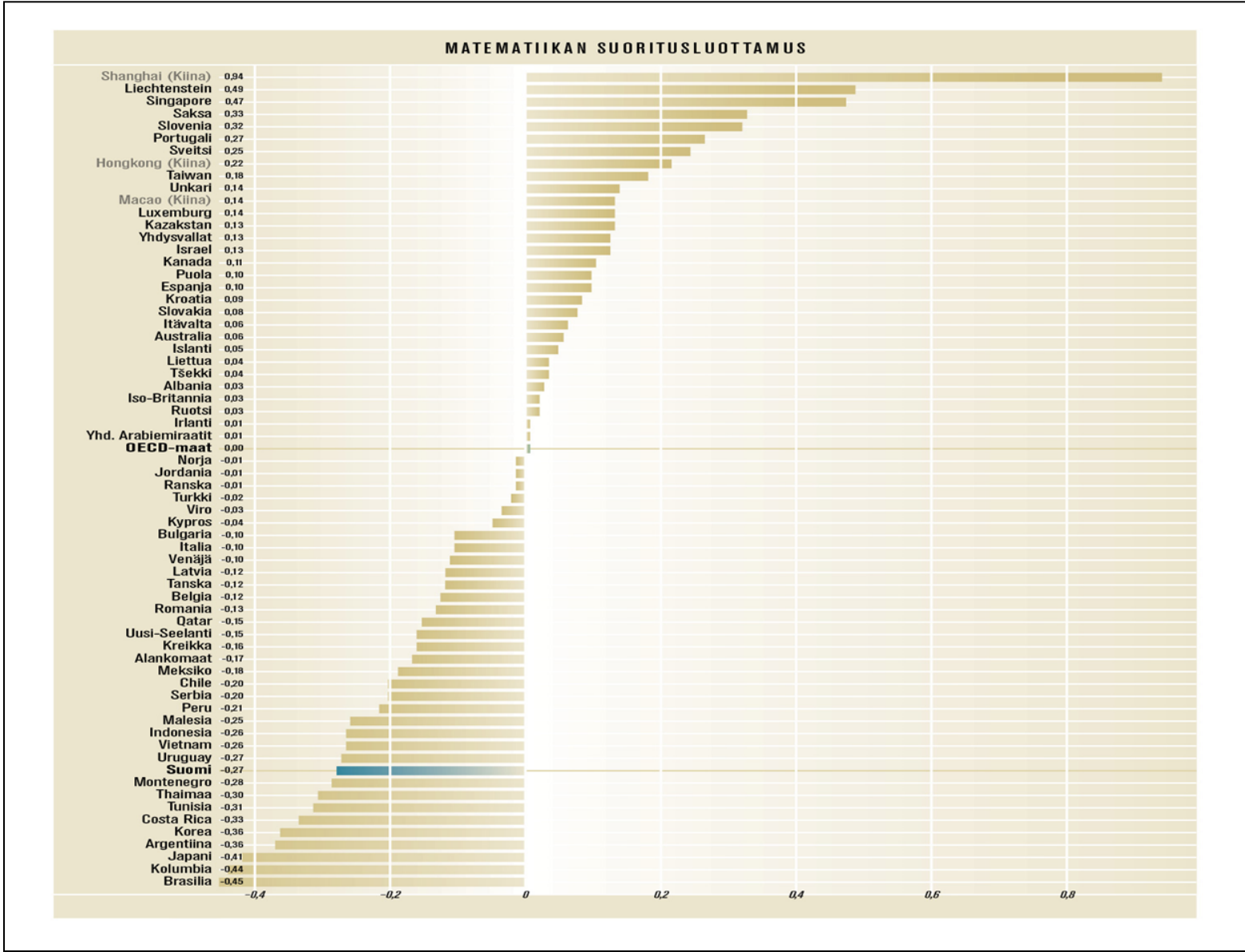
VARIANCE IN STUDENT PERFORMANCE BETWEEN SCHOOLS AND WITHIN SCHOOL ON THE MATHEMATICS SCALE



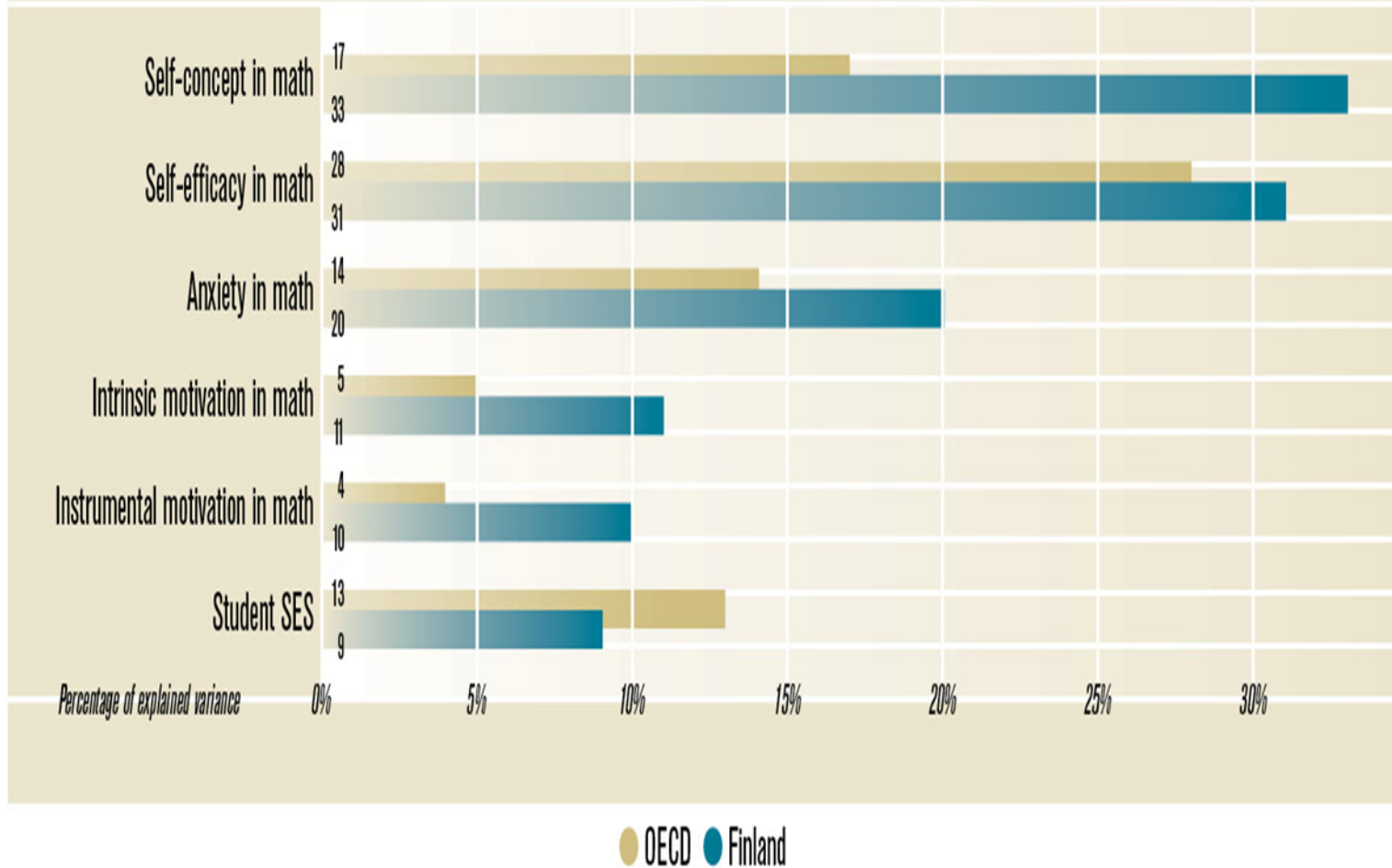
INTERNAL MOTIVATION IN MATHEMATICS

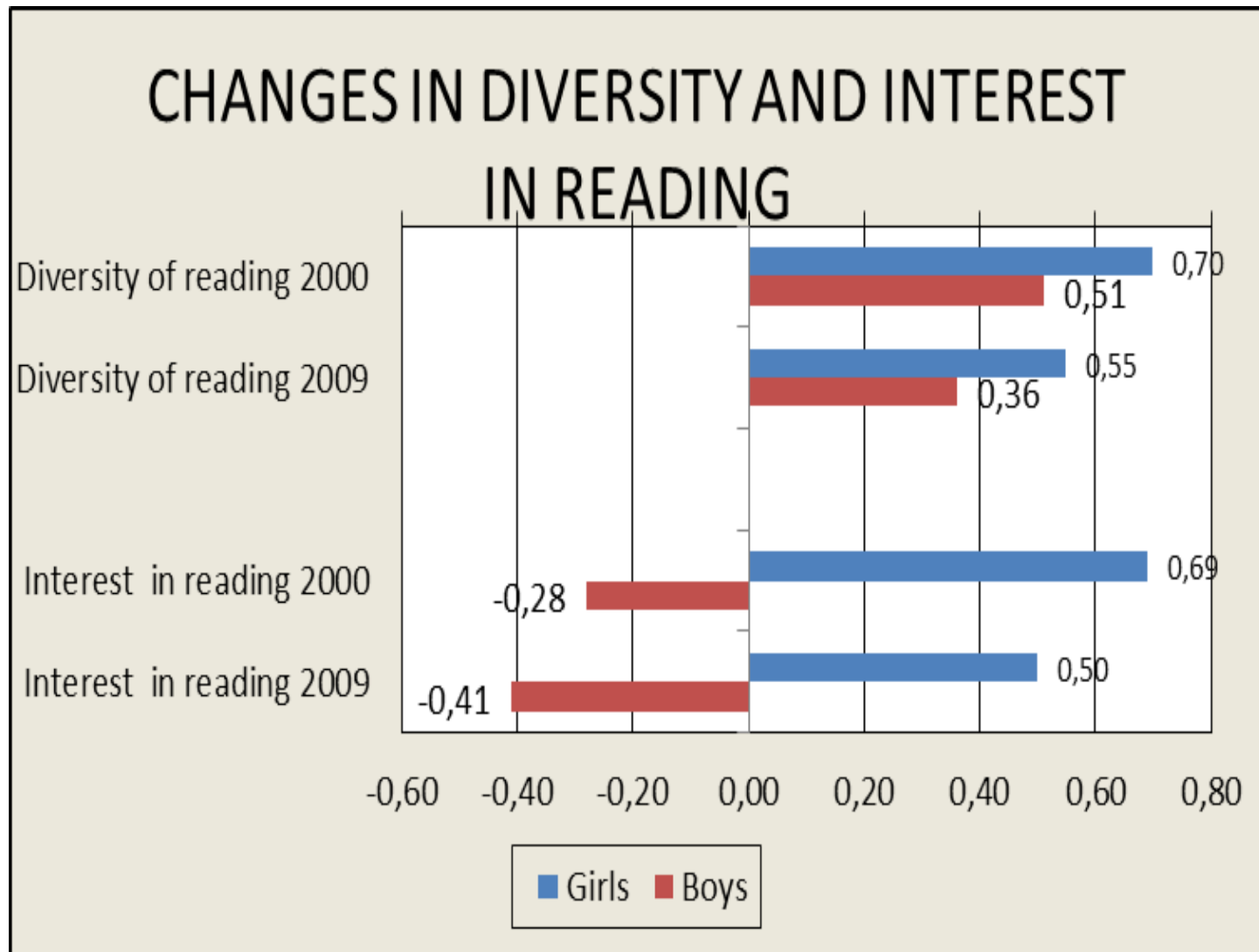


SELF-EFFICACY IN MATHEMATICS



BACKGROUND FACTORS EXPLAINING VARIANCE IN STUDENTS' MATHEMATICS PERFORMANCE IN FINLAND AND OECD

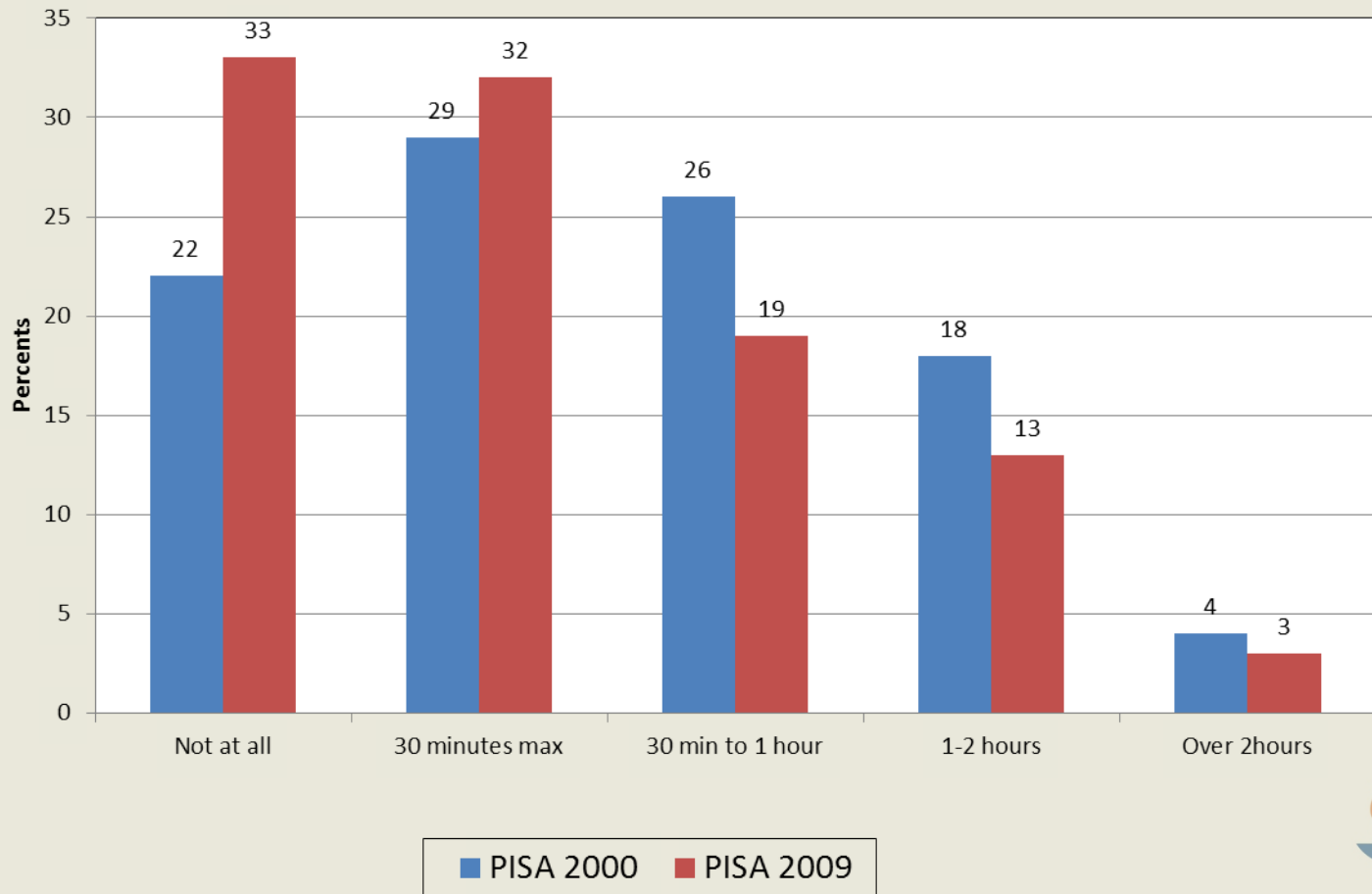




1934 2009

UNIVERSITY OF JYVÄSKYLÄ

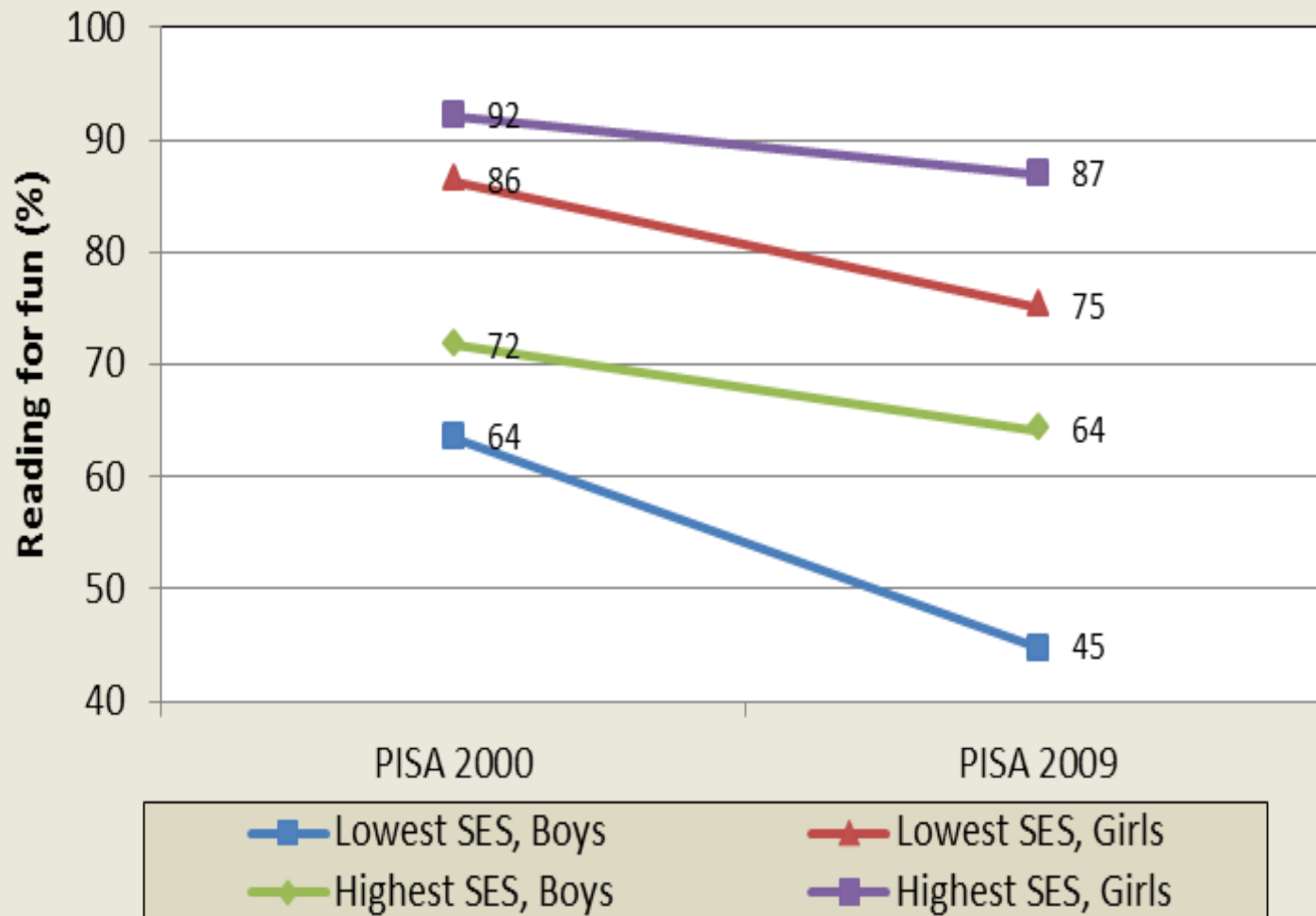
TIME SPENT DAILY ON READING FOR FUN 2000 AND 2009



1934 2009

UNIVERSITY OF JYVÄSKYLÄ

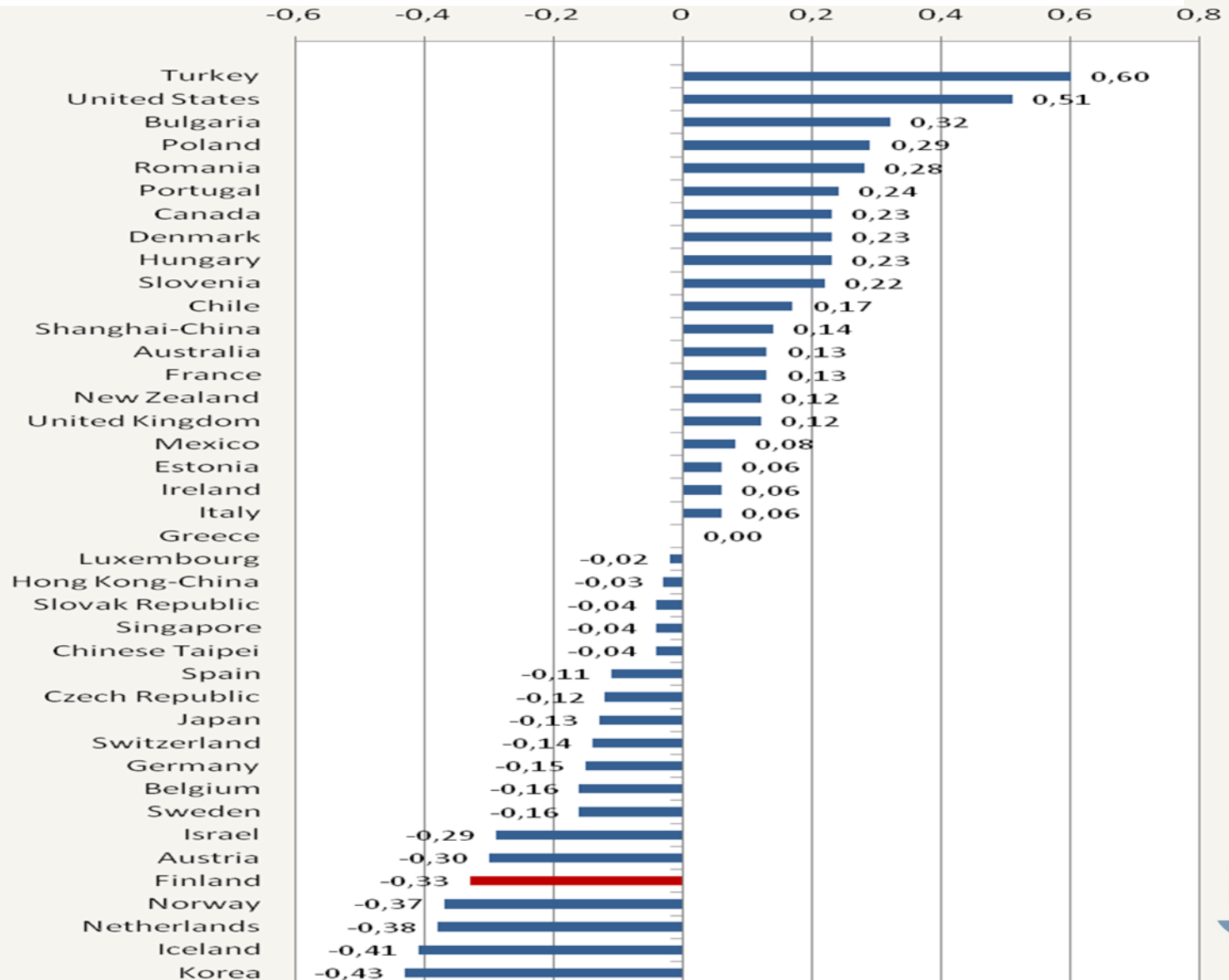
READING FOR FUN, GENDER AND SES



1934 2009

UNIVERSITY OF JYVÄSKYLÄ

TEACHERS ENGAGING THEIR STUDENTS

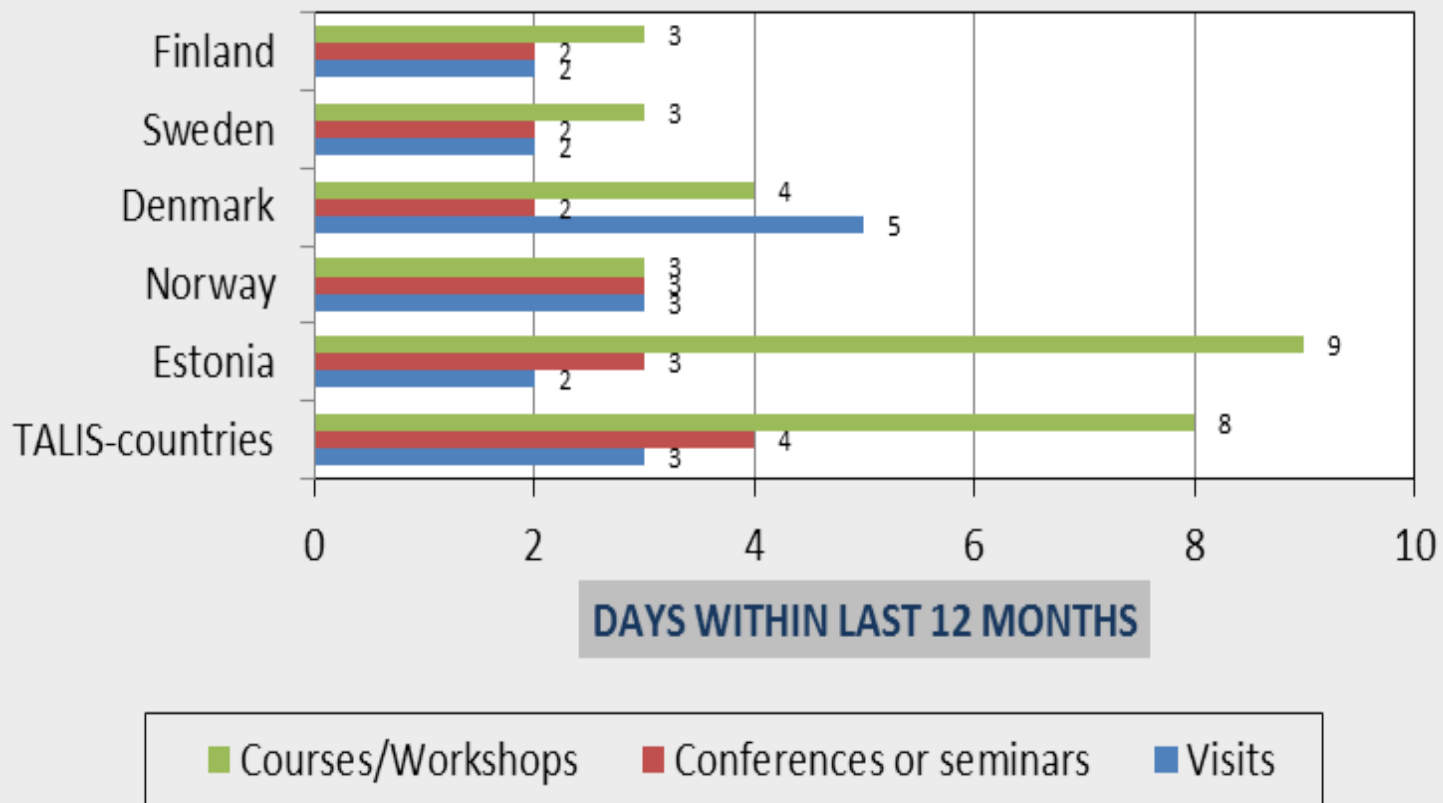


1934 2009

The following occurs in all or most lessons in mother tongue:

<i>Statement</i>	<i>Finland</i>	<i>OECD average</i>	<i>Minimum country</i>	<i>Maximum country</i>
The teacher asks students to explain the meaning of a text	35	52	30	83
The teacher asks questions that challenge students to get a better understanding of a text	35	59	35	86
The teacher gives students enough time to think about their answers	63	60	44	80
The teacher recommends a book or author to read	38	36	19	79
The teacher encourages students to express their opinion about a text	47	55	26	84
The teacher helps students relate the stories they read to their lives	17	33	17	74
The teacher shows students how the information in texts builds on what they already know.	24	43	24	75

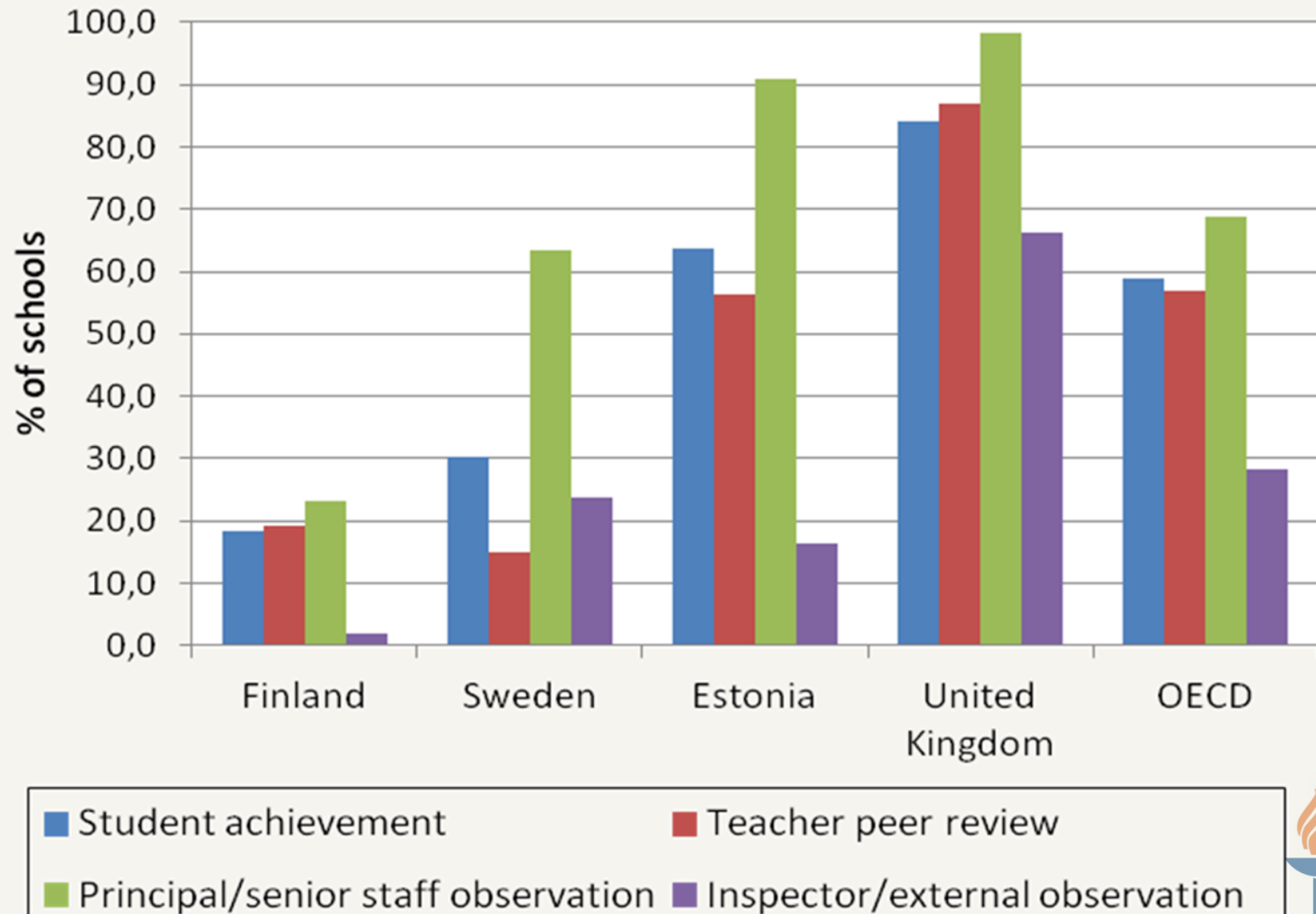
TEACHERS PARTICIPATION IN PROFESSIONAL DEVELOPMENT



1934 2009

UNIVERSITY OF JYVÄSKYLÄ

Evaluating teachers' practices



1934 2009

Standards and evaluation

Uniform national evaluation criteria for each subject at the 9th grade (recommendation)

Sampling-based national assessment in the core subjects

No nation-wide tests/examinations in the comprehensive school

No school inspections after the early 1990s

Self evaluation of schools, teachers and students

Quality, trust and outcomes



1934 2009

UNIVERSITY OF JYVÄSKYLÄ