

Perusopetus kansainvälisestä näkökulmasta

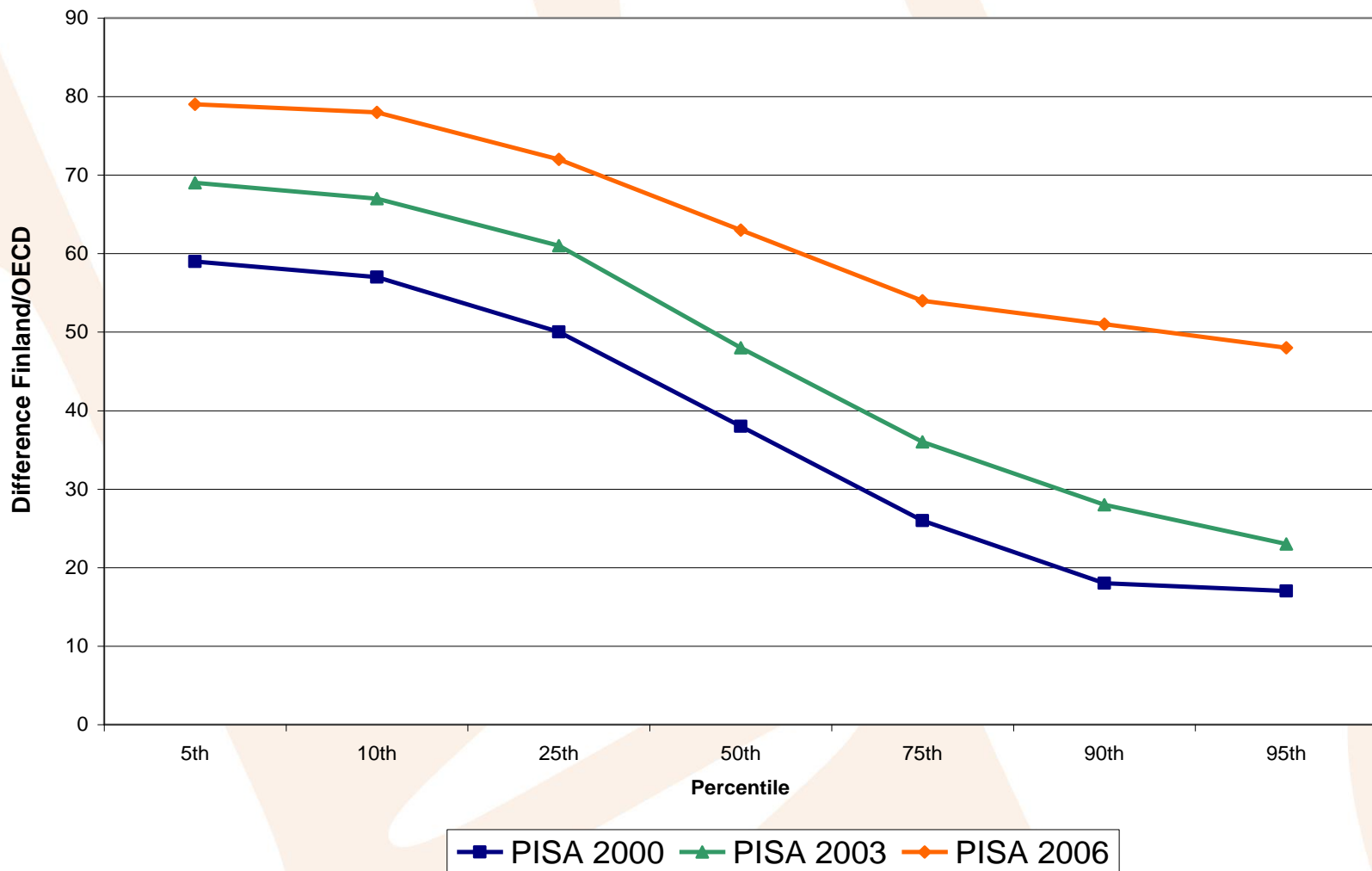
Perusopetus 2020 –seminaari
Helsinki 25.8.2009



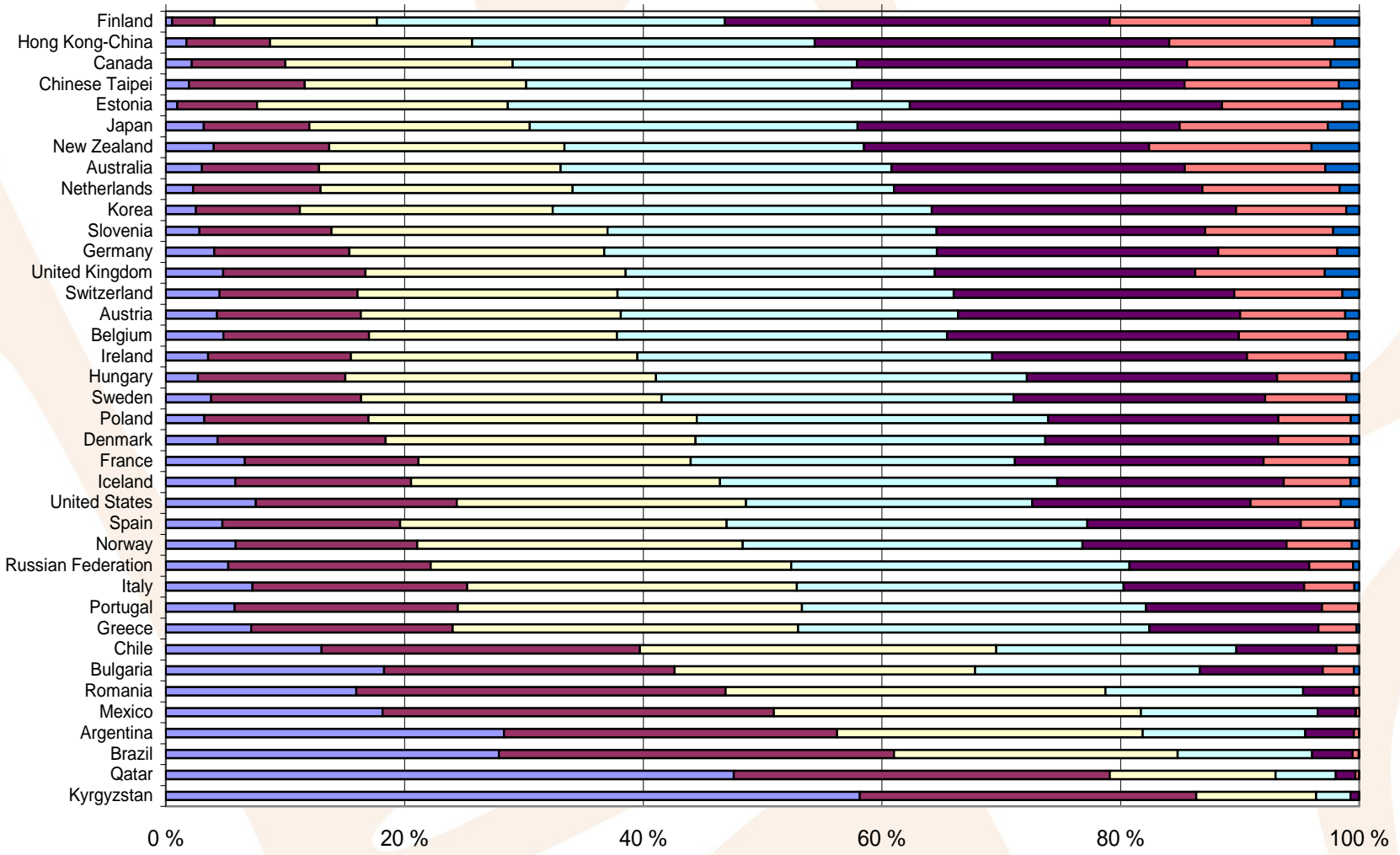
INSTITUTE FOR EDUCATIONAL RESEARCH
UNIVERSITY OF JYVÄSKYLÄ



Difference of percentiles Finland/OECD: science

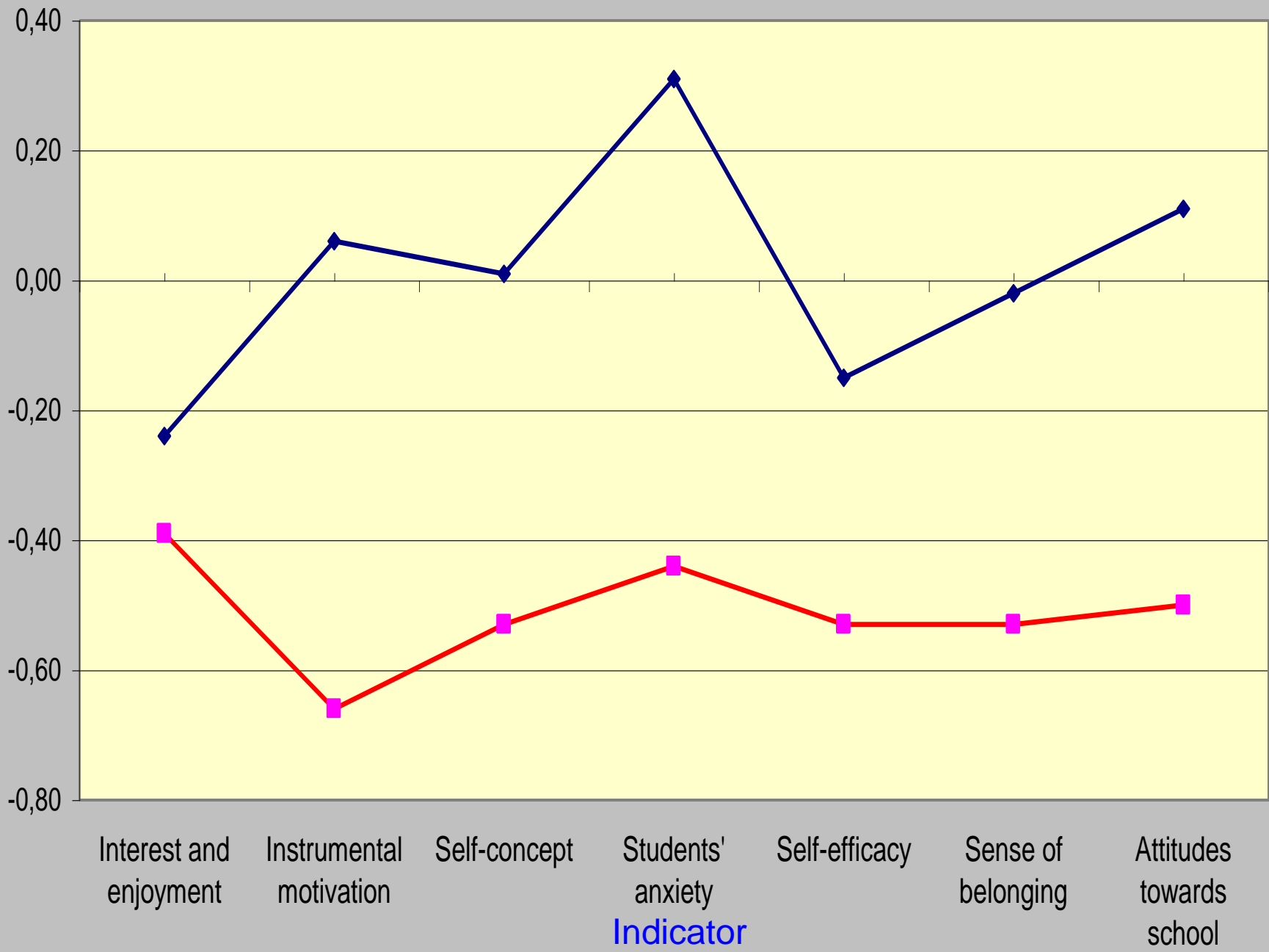


Students at each profience level in science

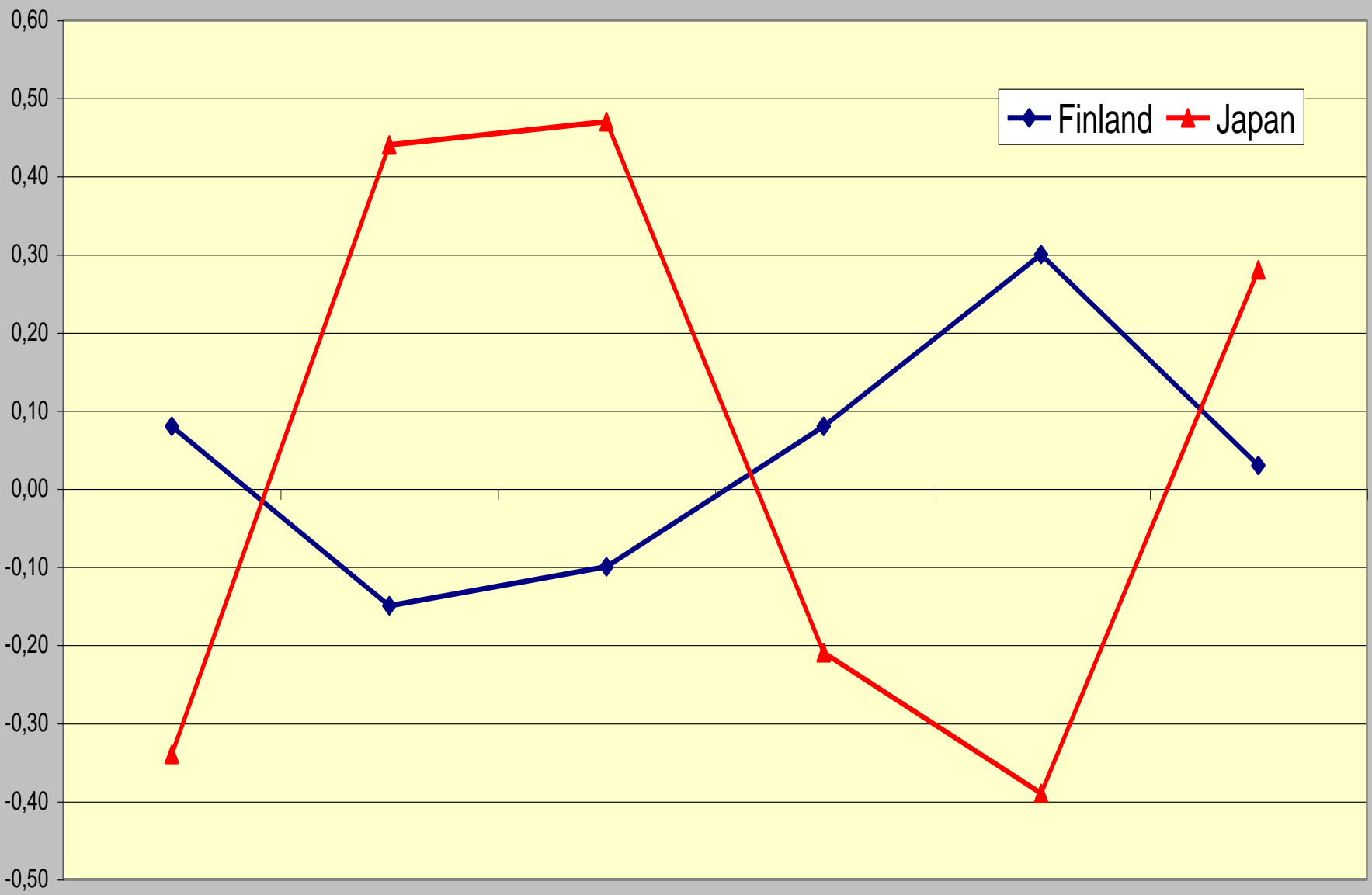


■ Below level 1
 ■ Level 1
 ■ Level 2
 ■ Level 3
 ■ Level 4
 ■ Level 5
 ■ Level 6





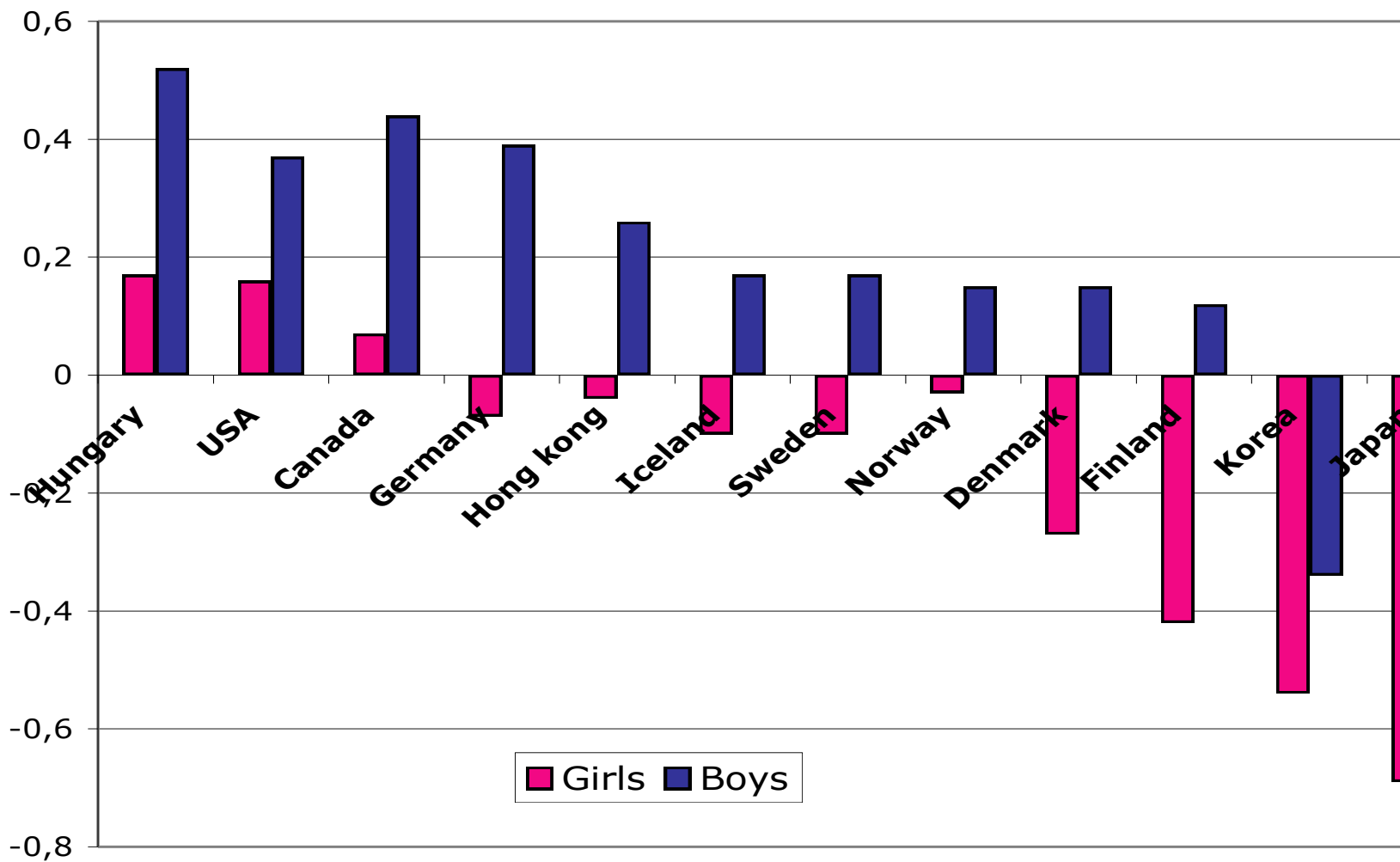
◆ Finland ■ Japan



Teachers' support in mathematics (st) Disciplinary climate (st) Students' impact on school climate (p) Teachers' impact on school climate (p) Teachers' morale and commitment (p) Students' morale and commitment (p)

Indicator

Self-efficacy index in mathematics (PISA 2003)



Students below the 5th percentile on mathematics scale in Finland

>56 % below 5th percentile on the reading scale
>64 % below 5th percentile on the science scale
>54 % boys

Very low

- *self concept in mathematics
- *interest in and enjoyment of mathematics
- *level of confidence with mathematical problems

Very high

- *anxiety in mathematics

Lower

- *educational resources and cultural capital at home

Less developed

- *some learning strategies

Average or higher

- *teachers support
- *student-teacher relations

