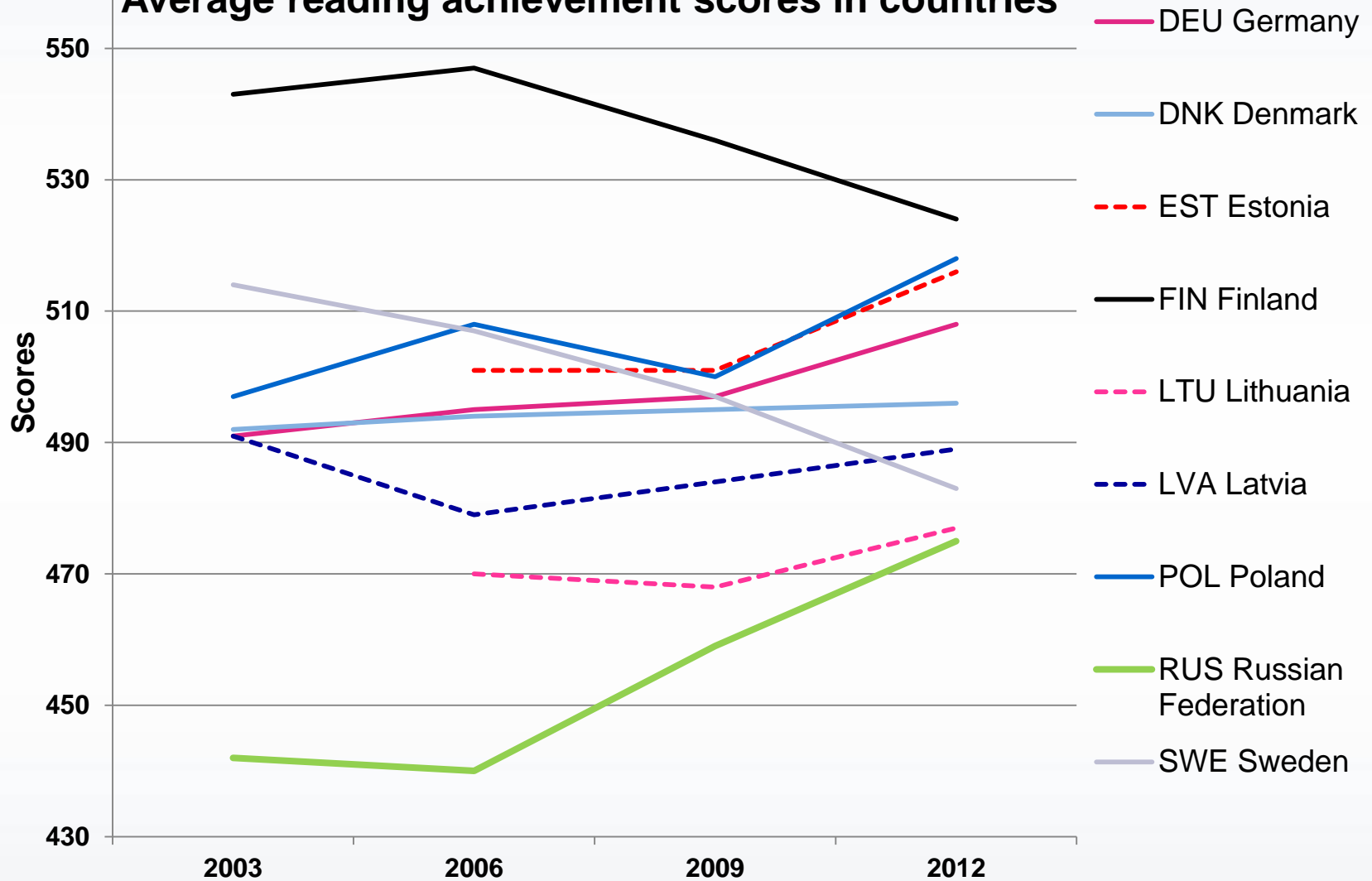# How Do Students from High Socio-Economical Background Families Perform in Reading in OECD PISA Study?

Prof., Dr.oec. A. Geske,

Doc., Dr.sc.admin. A. Ozola
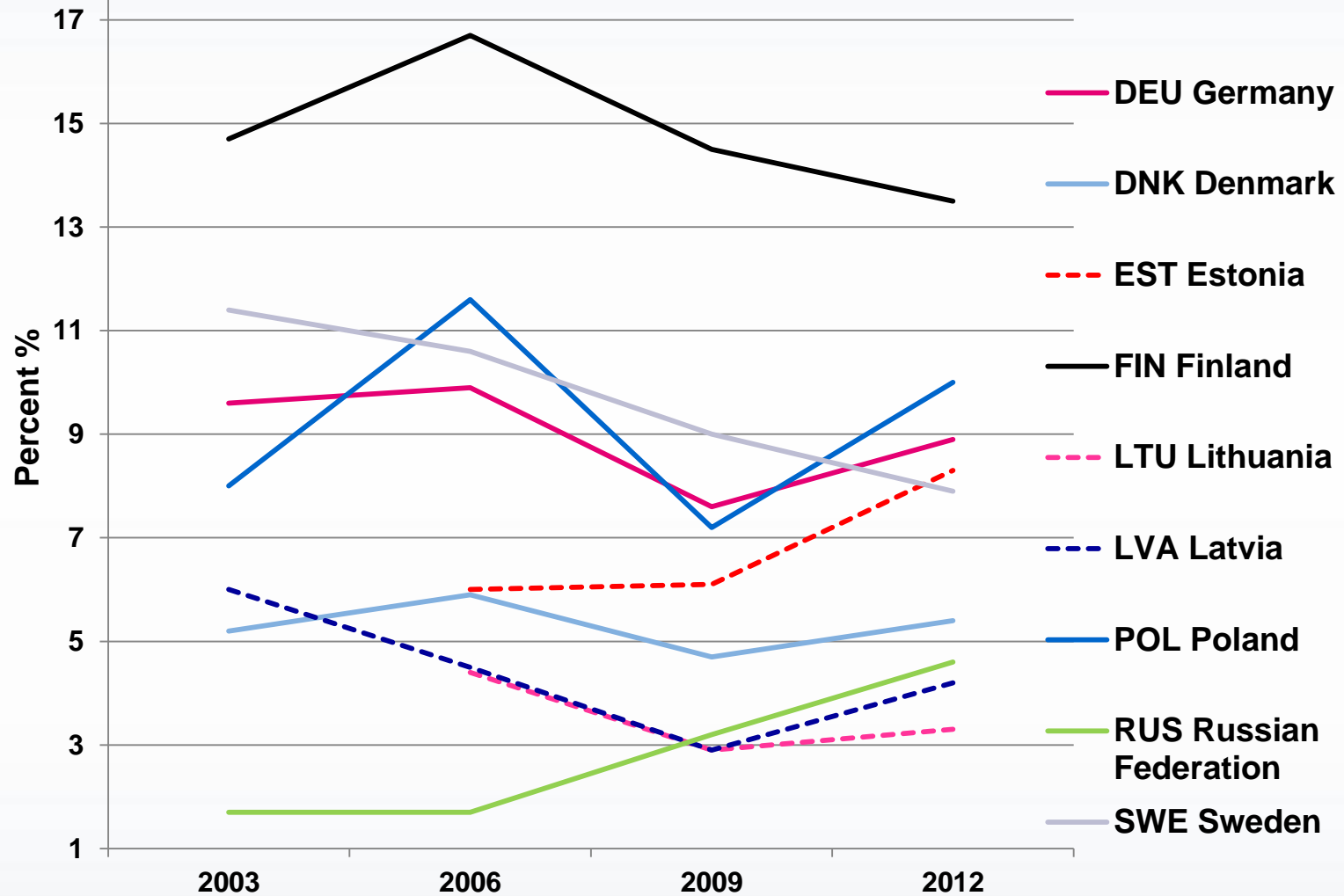
University of Latvia

Riga, 29.01.2014.

IZGLĪTĪBAS PĒTNIECĪBAS INSTITŪTS

Average reading achievement scores in countries

Students in two highest achievement groups (5 and 6)

Legend: DEU Germany, DNK Denmark, EST Estonia, FIN Finland, LTU Lithuania, LVA Latvia, POL Poland, RUS Russian Federation, SWE Sweden

Research goal

To find opportunities of improving average Latvian reading achievement score by increasing achievement level of students from high social-economical (SES) background families

Reading achievement in OECD PISA 2012 and SES

Scores

10 groups divided by index of Economic, social and cultural status

- DEU Germany
- DNK Denmark
- EST Estonia
- FIN Finland
- LTU Lithuania
- LVA Latvia
- RUS Russian Federation
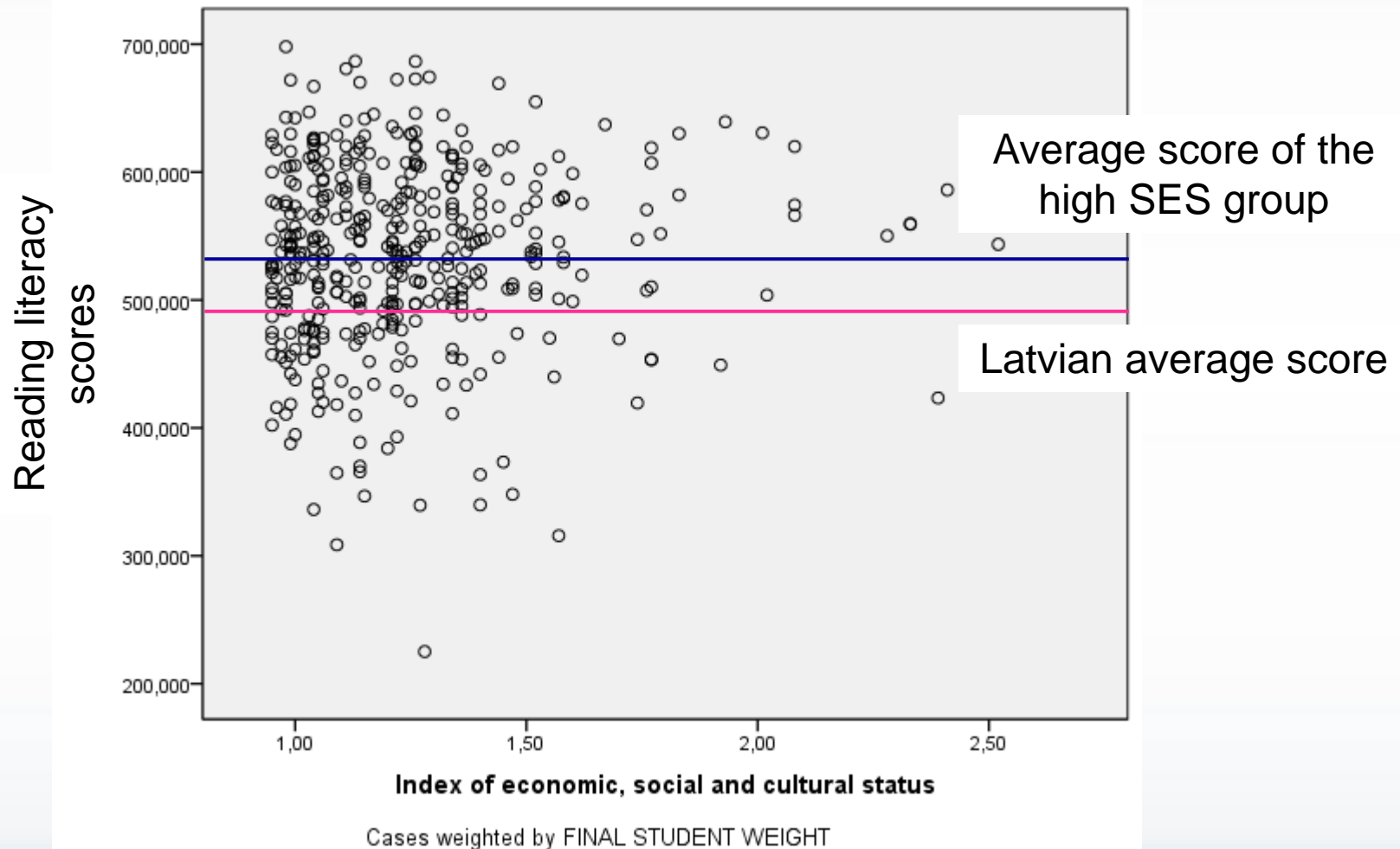- SWE Sweden
- POL Poland
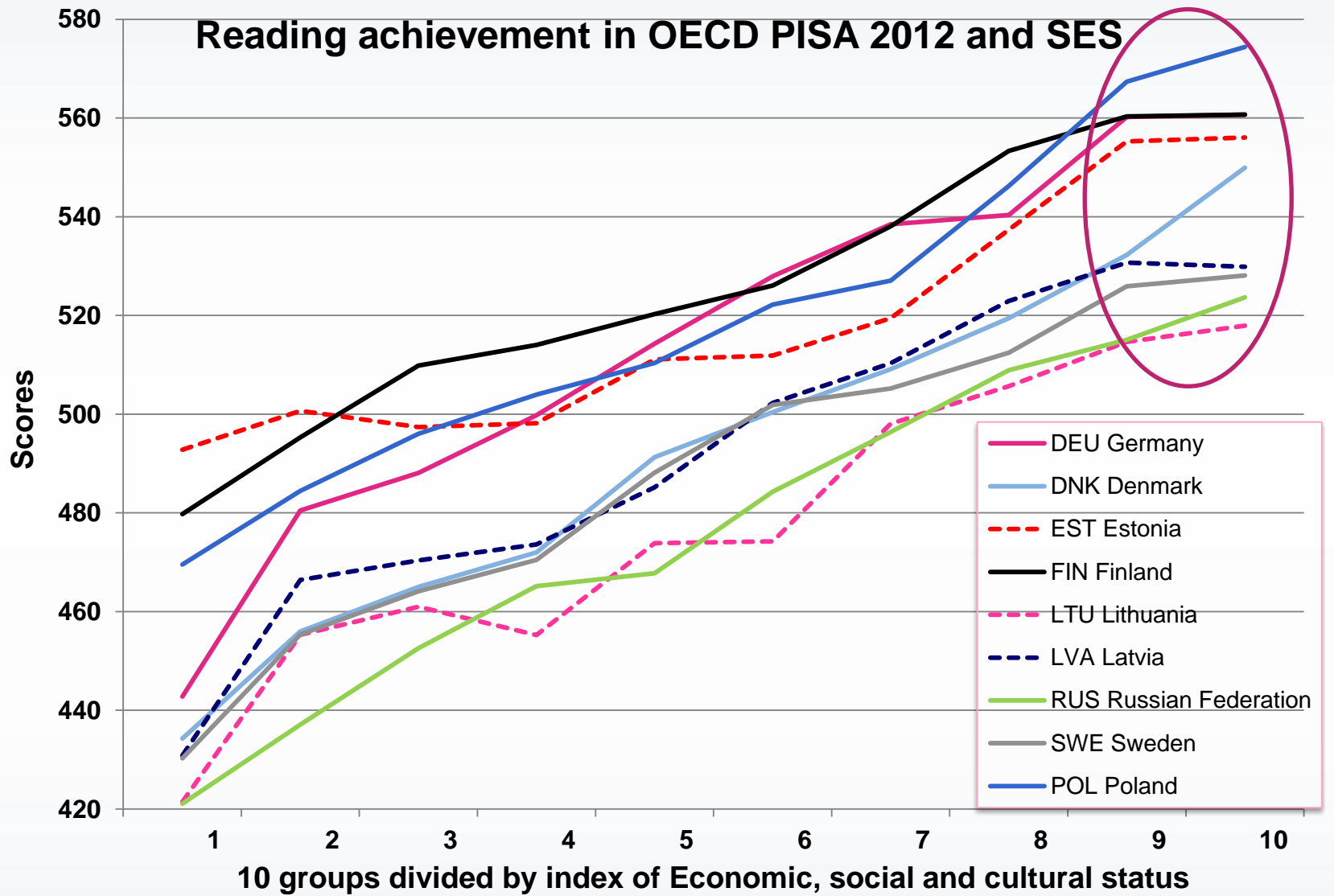
ESCS Index

Index of economic, social and cultural status is formed of:

- Index of highest occupational status of parents,

- Index of highest education level of parents,

- Index of home possessions.

# Correlation of SES and reading achievement in the high-SES group of students

Reading literacy scores

Average score of the high SES group

Latvian average score

700,000

600,000

500,000

400,000

300,000

200,000

1,00   1,50   2,00   2,50

Index of economic, social and cultural status

Cases weighted by FINAL STUDENT WEIGHT

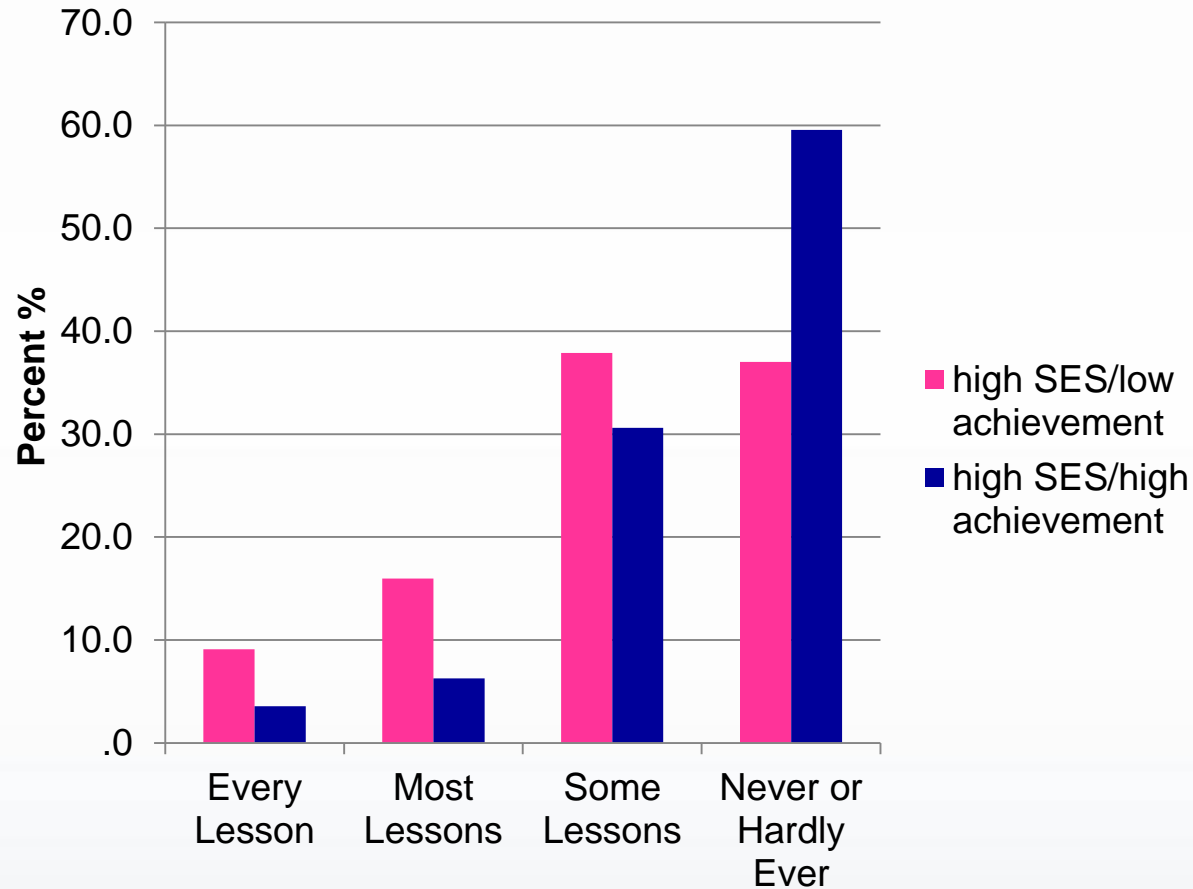# High SES/low achievement and high SES/high achievement groups compared
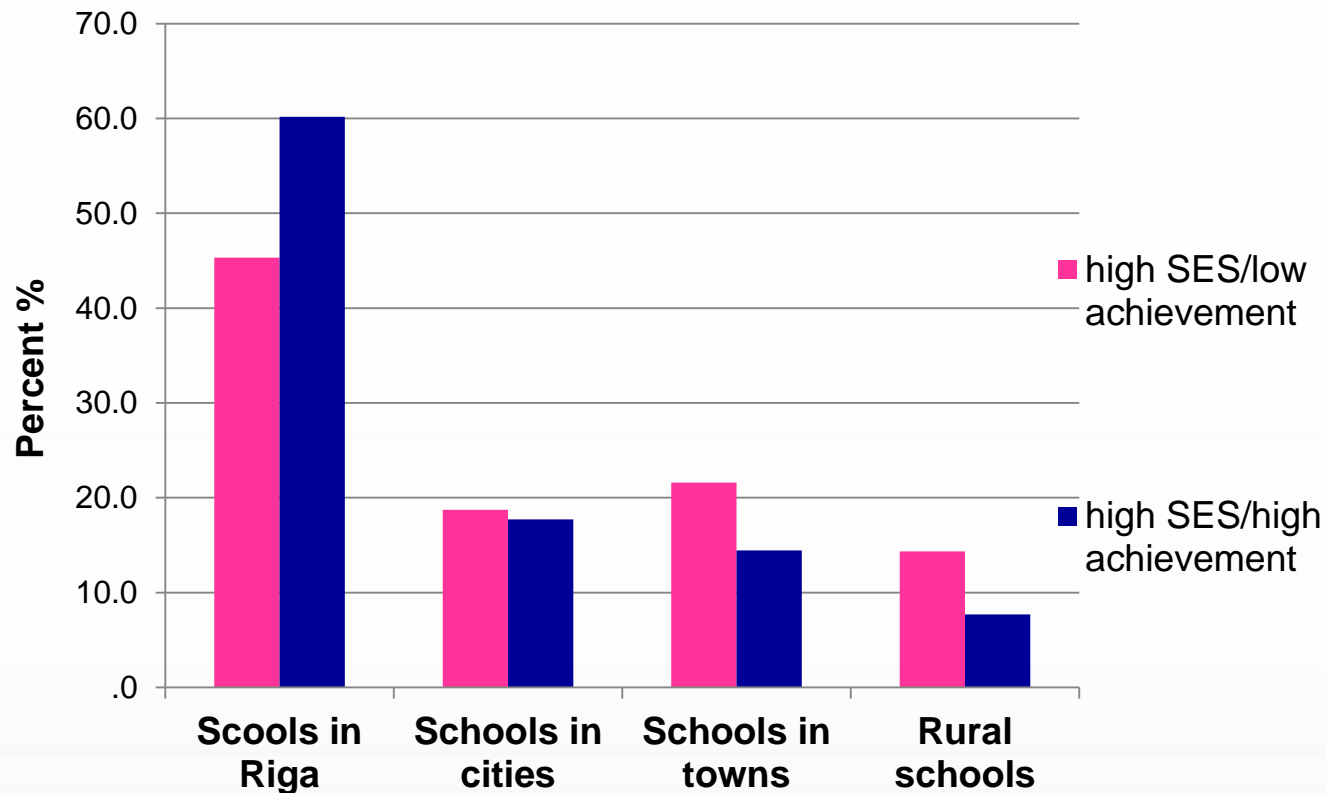
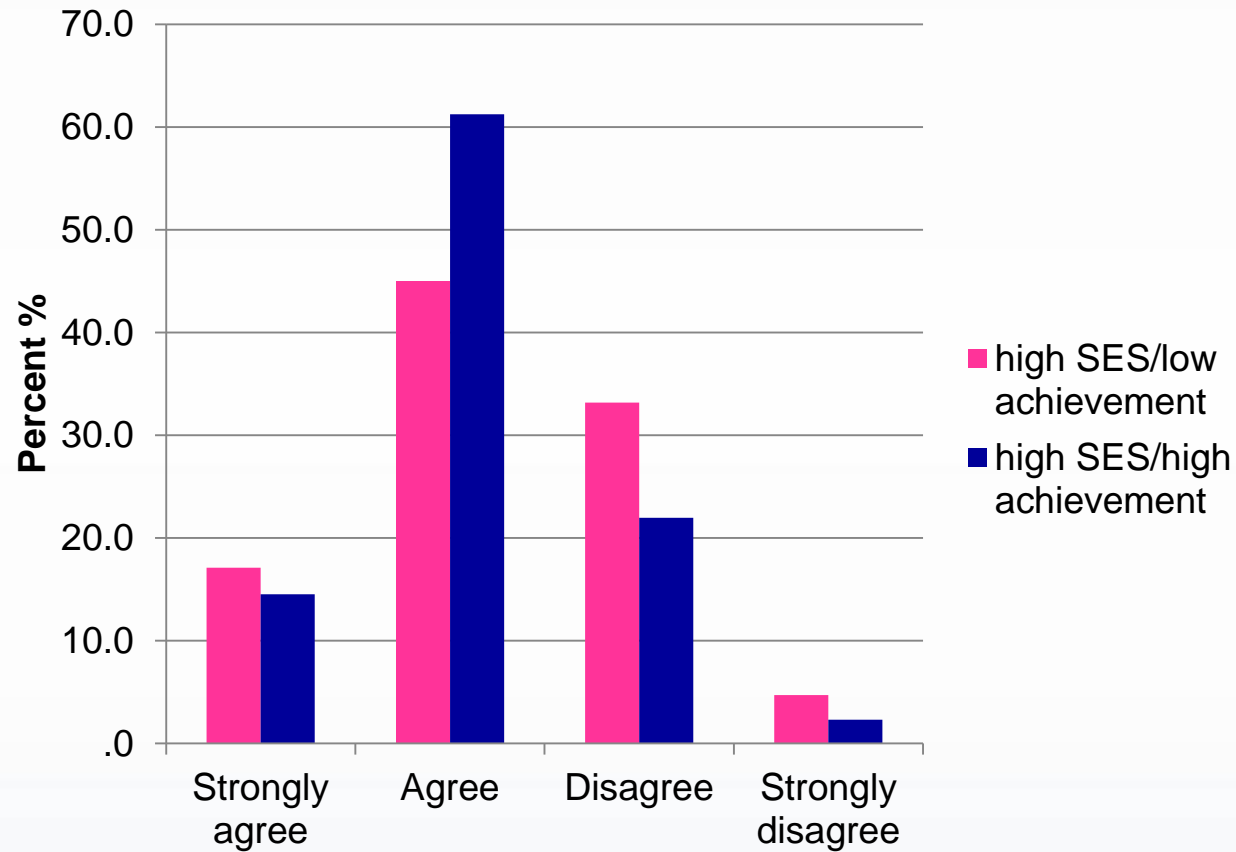# High SES/low achievement and high SES/high achievement groups compared
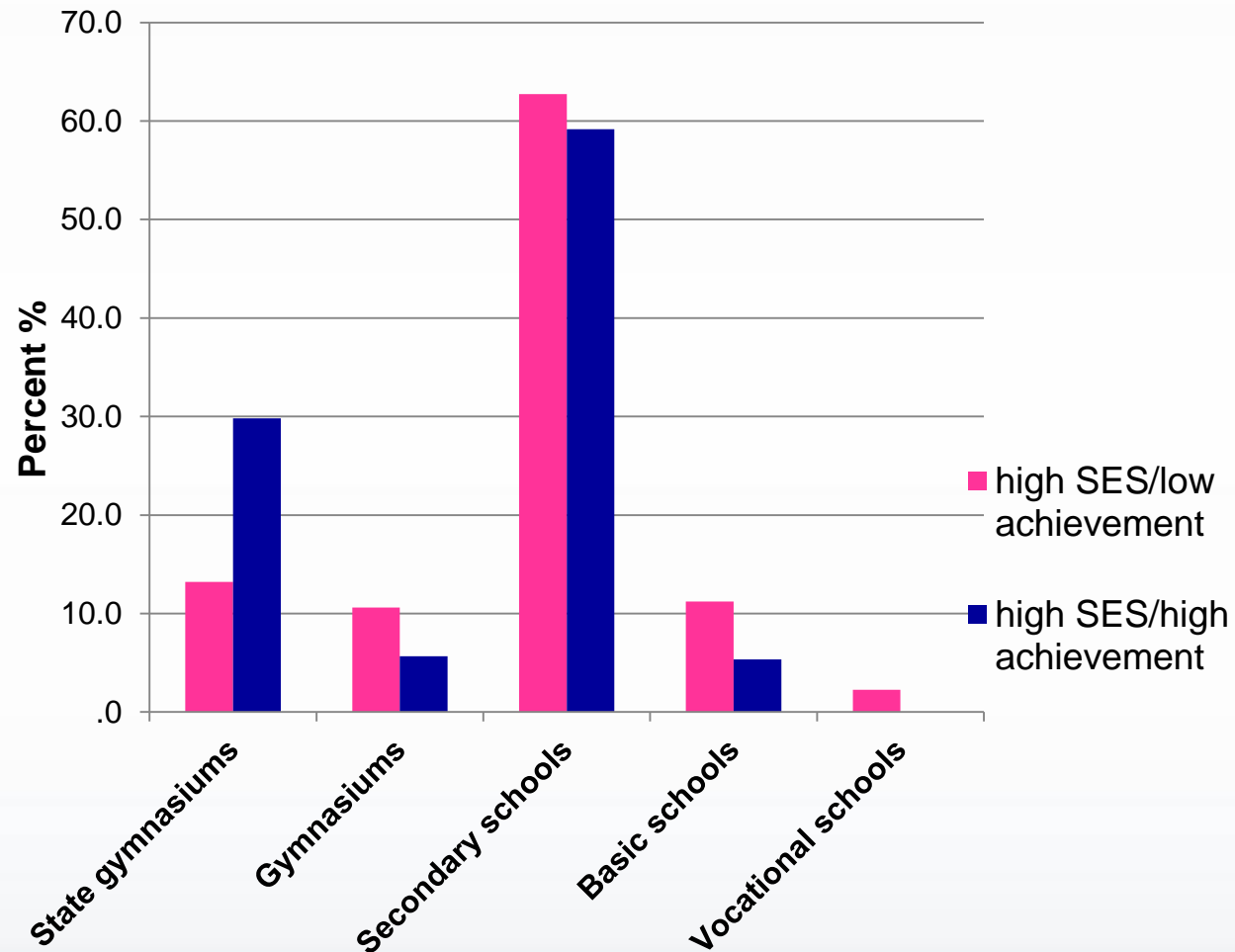
Teacher Provides Extra Help When Needed
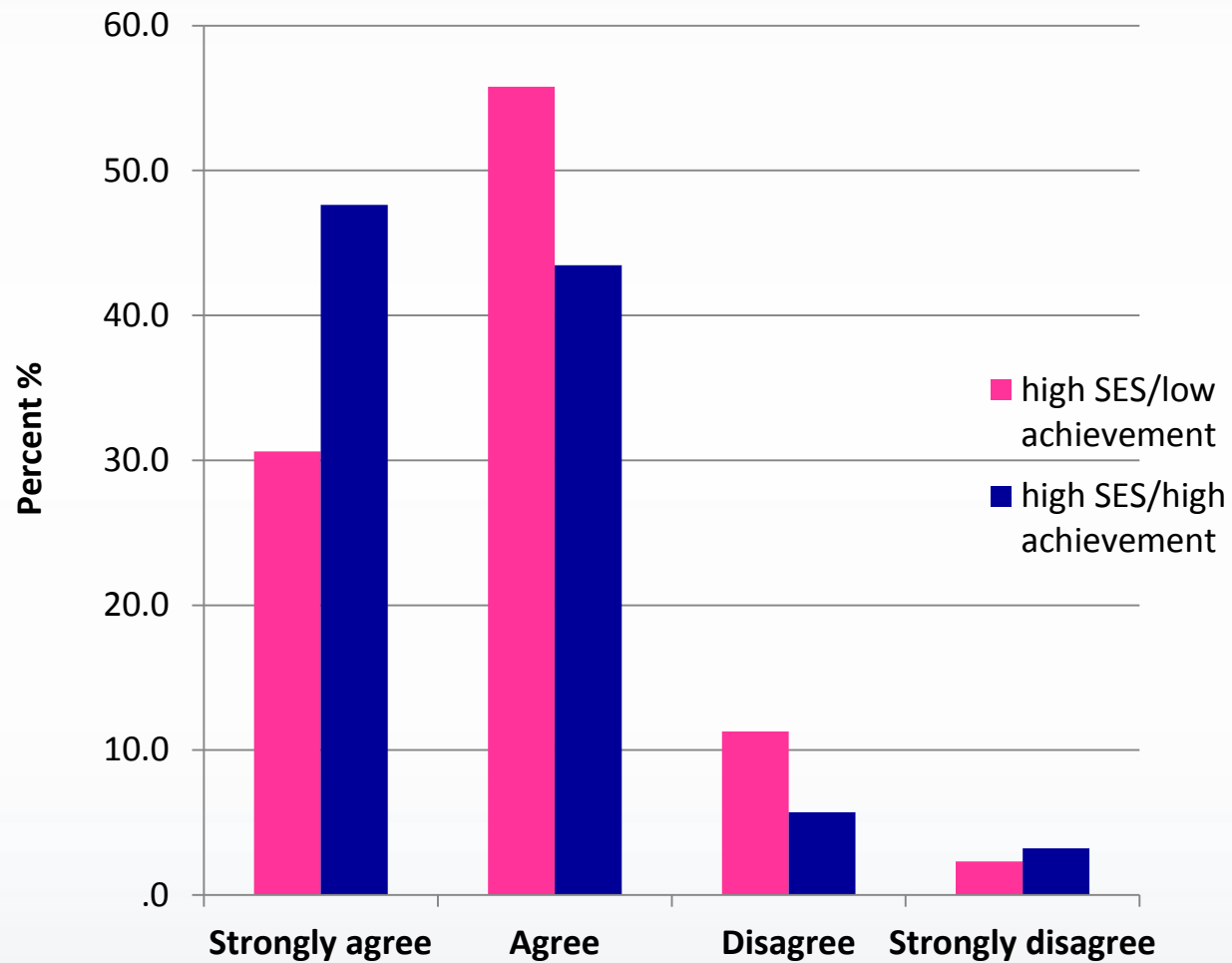
Disciplinary Climate - Students Start Working Late

Feel Happy at School

Conclusions

- Examples from other countries show that students from high SES families can perform better at school.

- Teachers' extra help and attention when needed can help in rising students' learning achievement.

- Discipline along with a school climate is another key issue in assuring learning success.