

International Boys School Coalition

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Personality Traits

The Big 5 (OCEAN):

- Openness
- Conscientiousness
- Extraversion
- Agreeableness
- Neuroticism

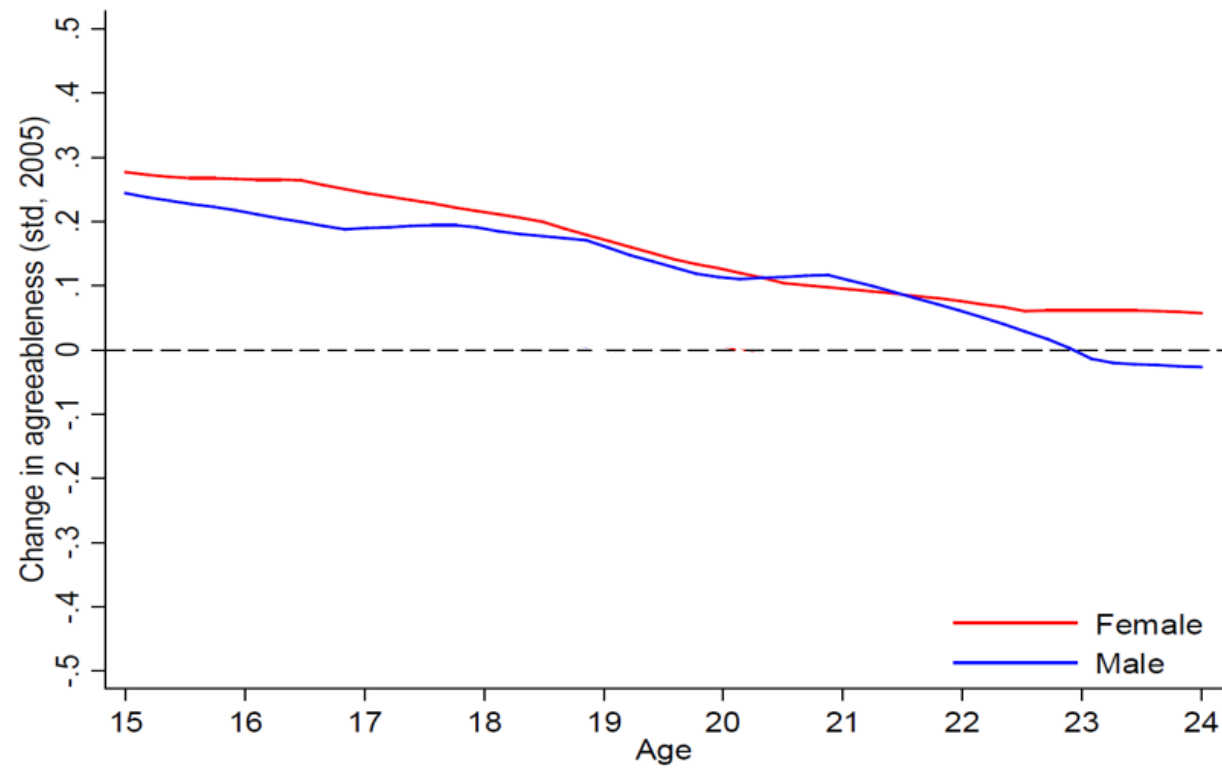
Personality & Performance

- Academic achievement is positively related:
 - Conscientiousness
- A series of positive learning styles that align well with teaching methods is associated with:
 - Openness
 - Agreeableness
- Grades are negatively associated with:
 - Neuroticism

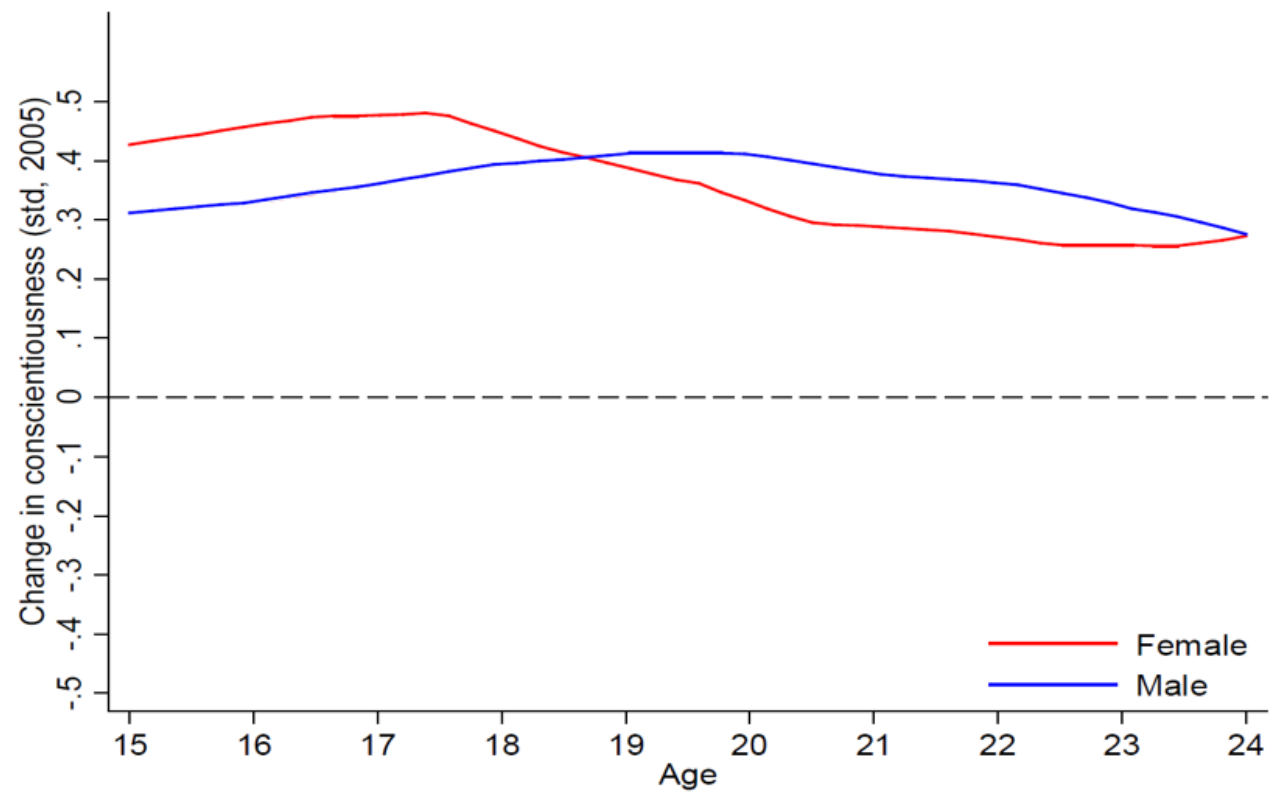
Personality & Gender

- Females tend to report with higher levels of:
 - Agreeableness
 - Openness/ emotions
- Males tend to report with higher levels of:
 - Extraversion
 - Assertiveness
- Gender differences are largest at ages 12-20

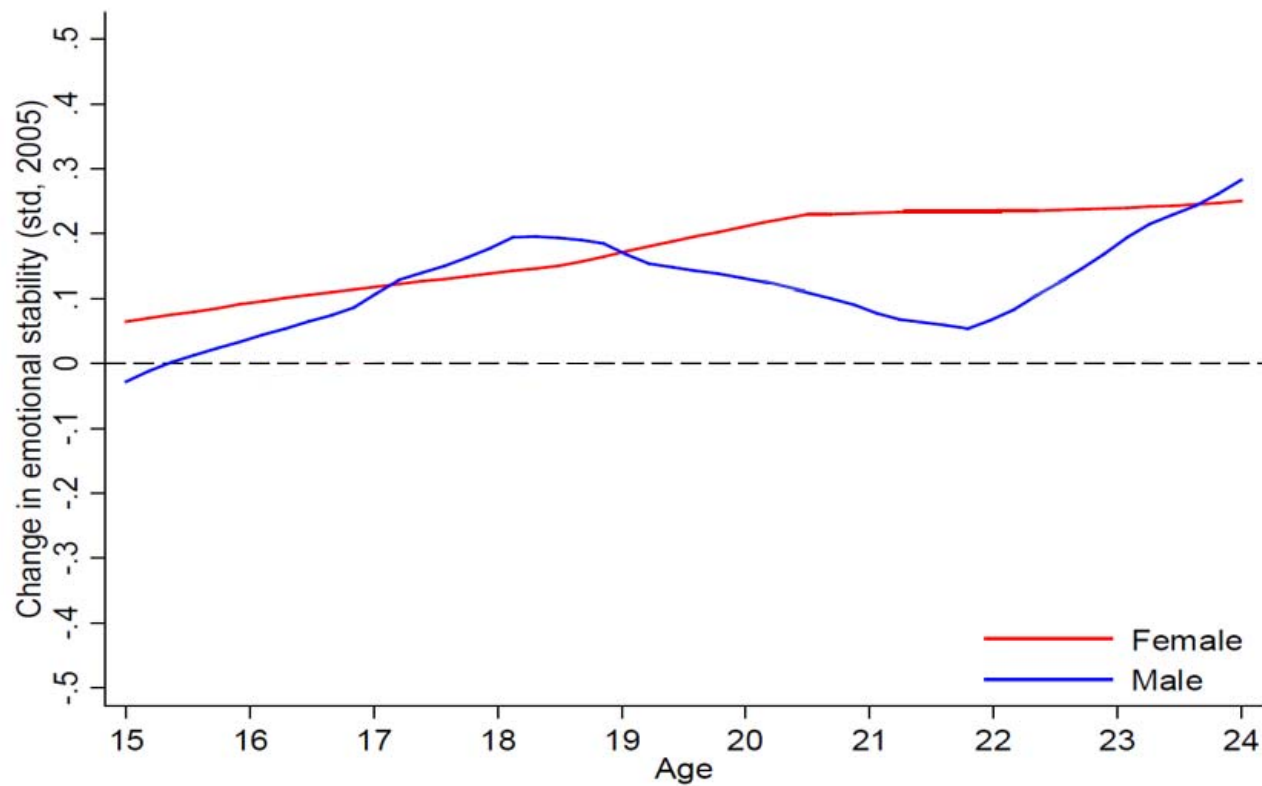
Change in Agreeableness



Change in Conscientiousness



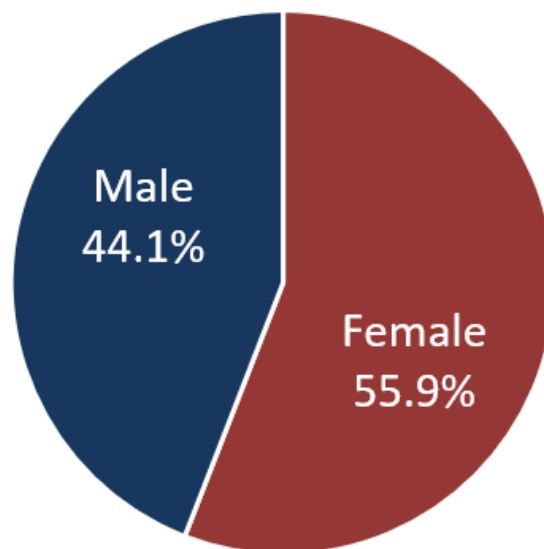
Change in Emotional Stability



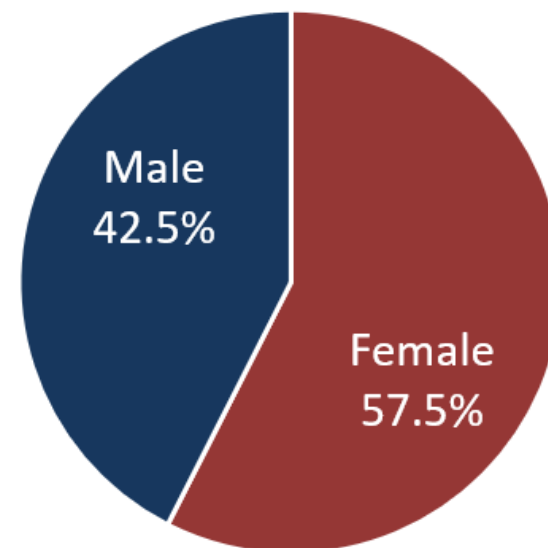
Australian University Enrolments

Domestic Higher Education Enrolments by Gender

2011

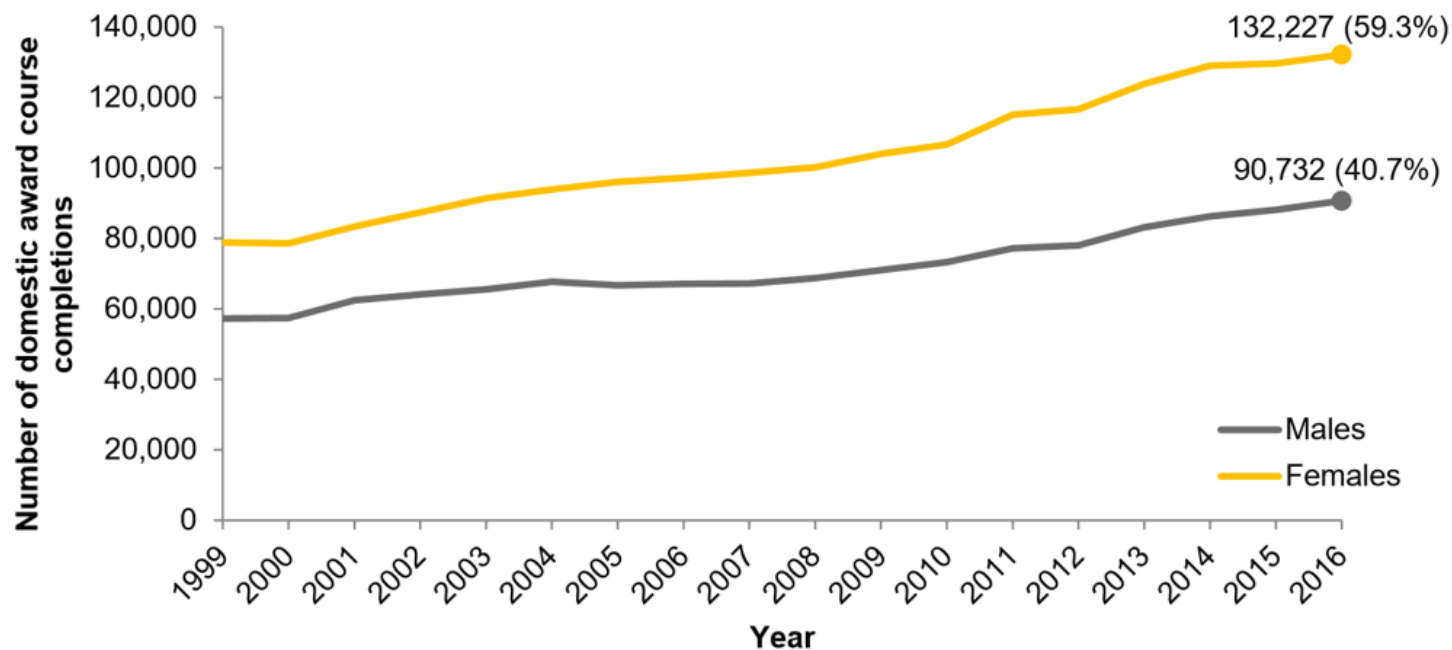


2016



Australian Graduates

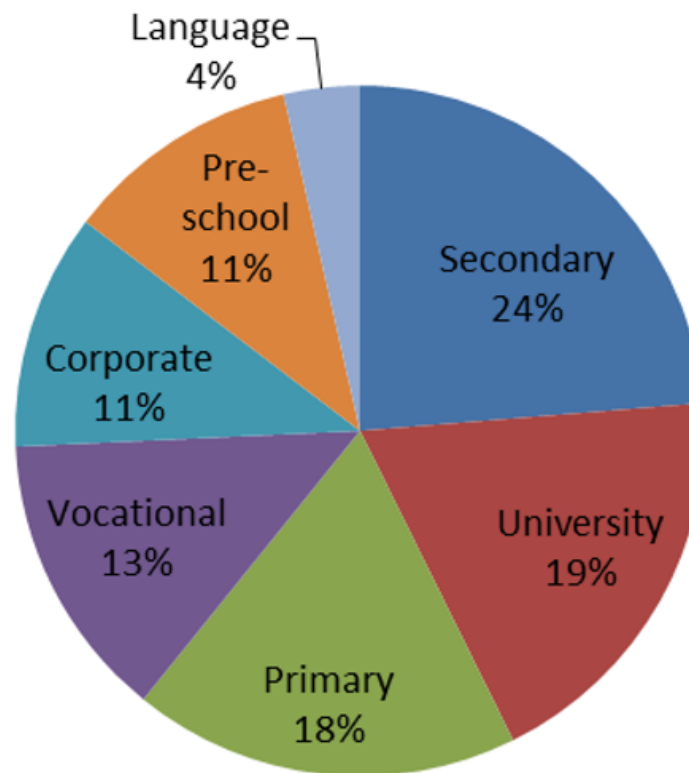
Domestic Higher Ed Award Course Completions by Gender 1999-2016



The Rise and Rise of Ed-Tech

- In 2017, USD \$9 billion invested in ed-tech
- Annual spend by 2020 is predicted at USD \$250 billion
- Education market is 3x the media and entertainment industry, BUT only 2% digitised

Sectors of the Ed-Tech market



The Critics are Growing

“Most curricular materials have been digitised without transforming the foundations of the dominant educational paradigm”

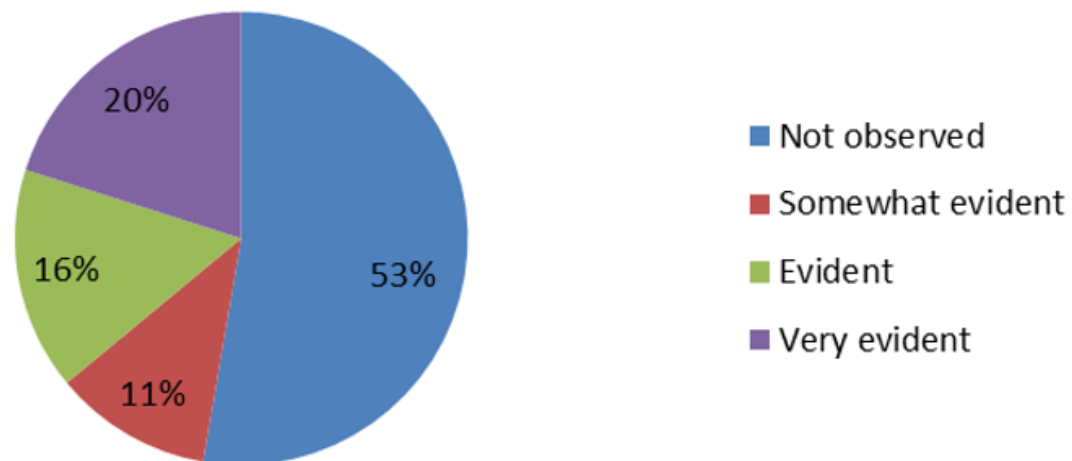
– Fernando Gonzalvo, Uni of Valencia, 2014

“Ed-tech has repeated the cycle of hype and flop, even as computers have reshaped almost every other part of life. One reason is ... that the brain-stretching potential of edtech has remained unproven”

- The Economist, 2017

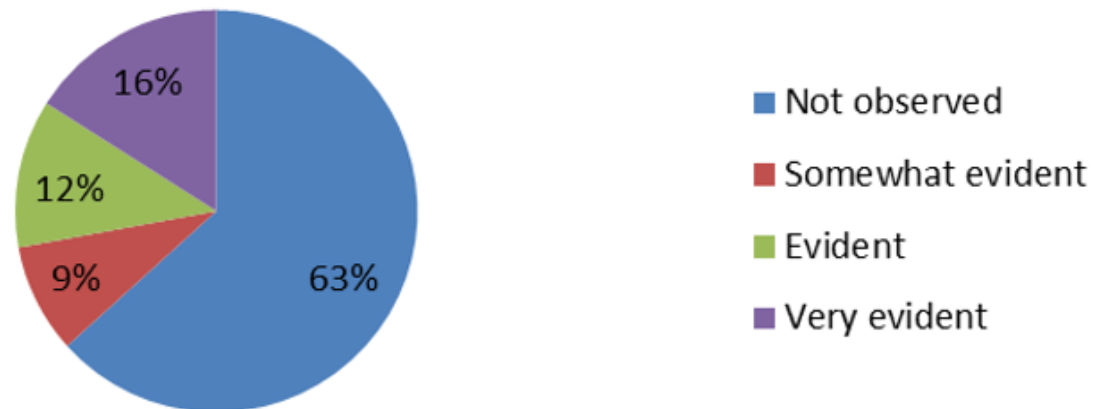
Paradox of Classroom Technology

**Use of technology to gather, evaluate
or use information for learning**



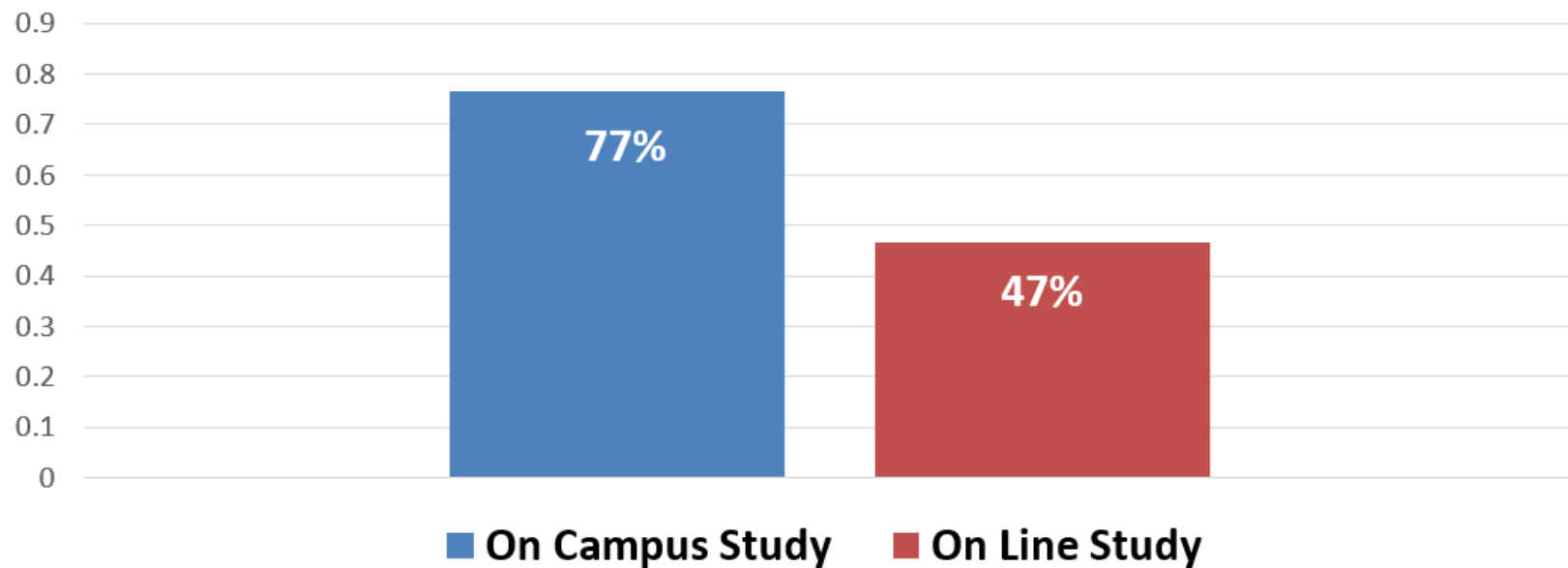
Paradox of Classroom Technology

**Use of technology to conduct
research, solve problems or create
original works**

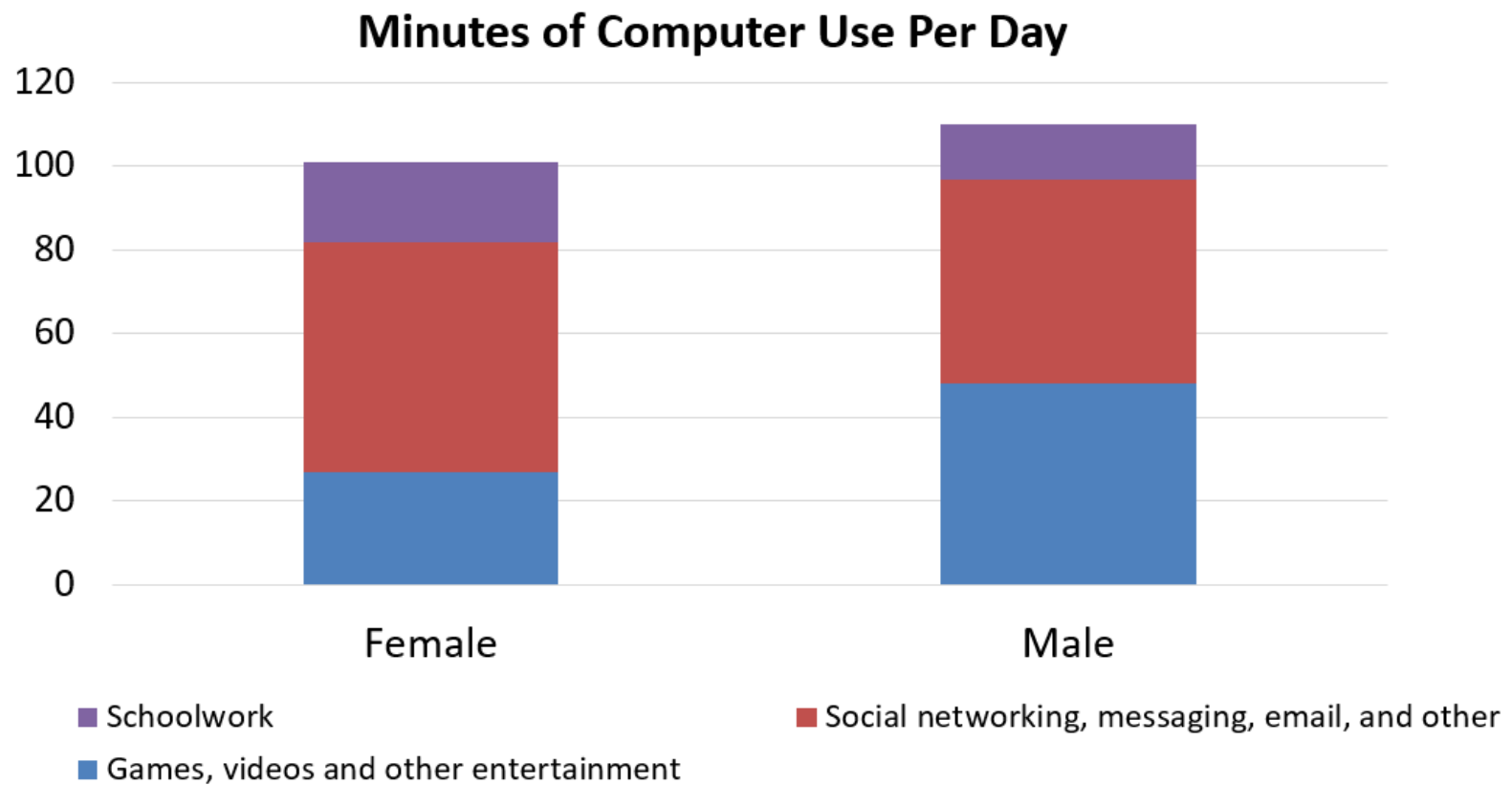


On-line Drop-out Rates

Proportion of 2006 Commencing Cohort Who Successfully Completed Their Program Within 9 Years

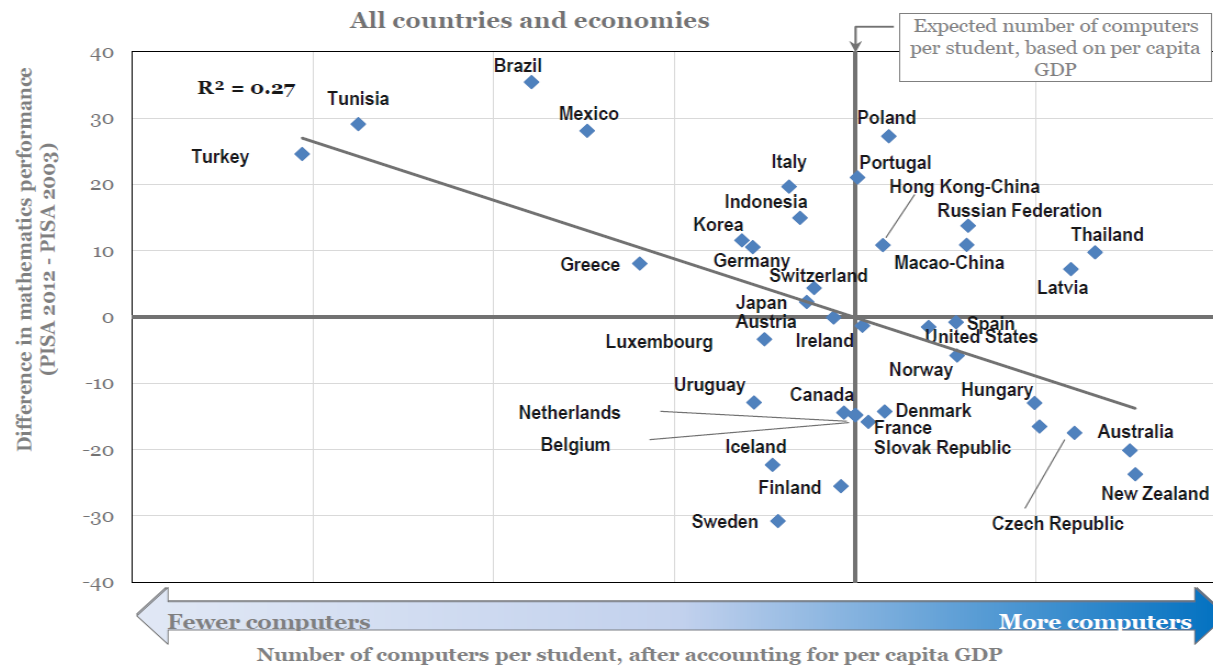


Computer Use by Gender



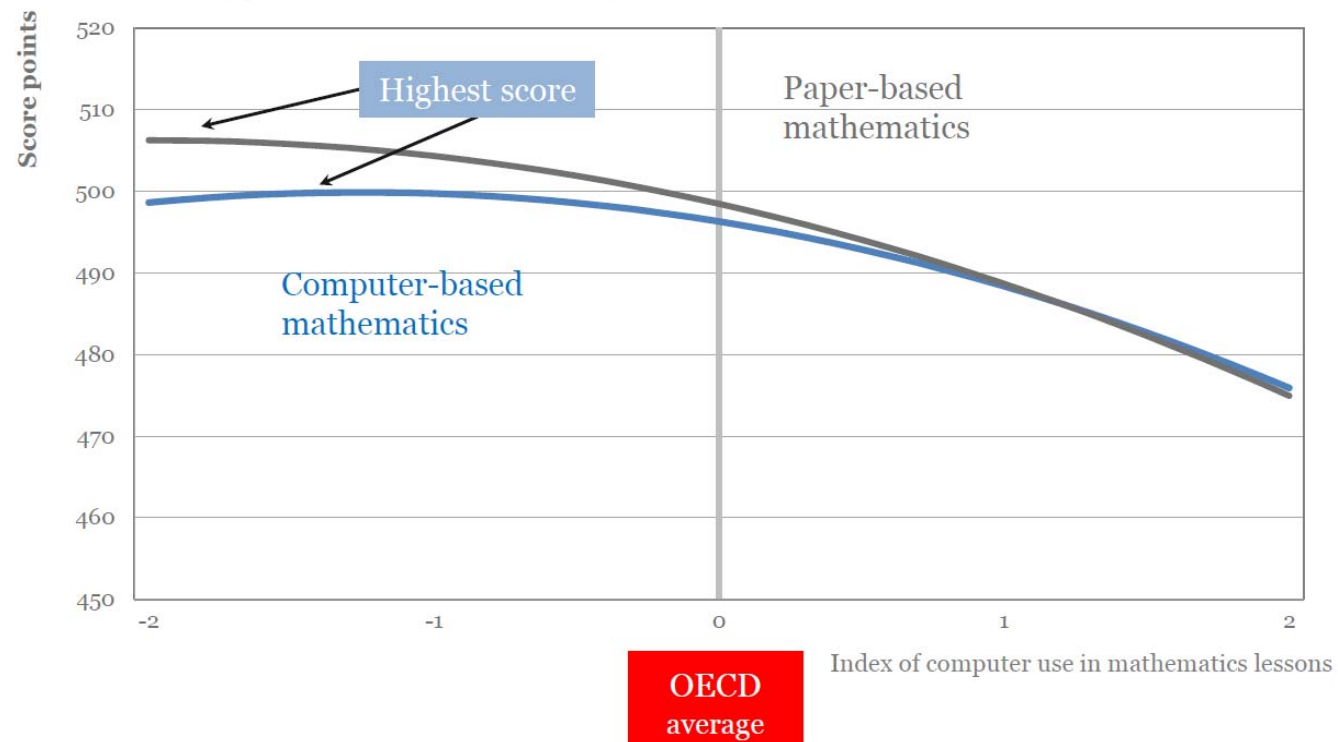
Mathematics Performance by Country

Trends in mathematics performance and increase in computers in schools



Mathematics Performance by Individual

Relationship between students' skills in reading and computer use at school
(average across OECD countries)



Reading Performance by Individual

