

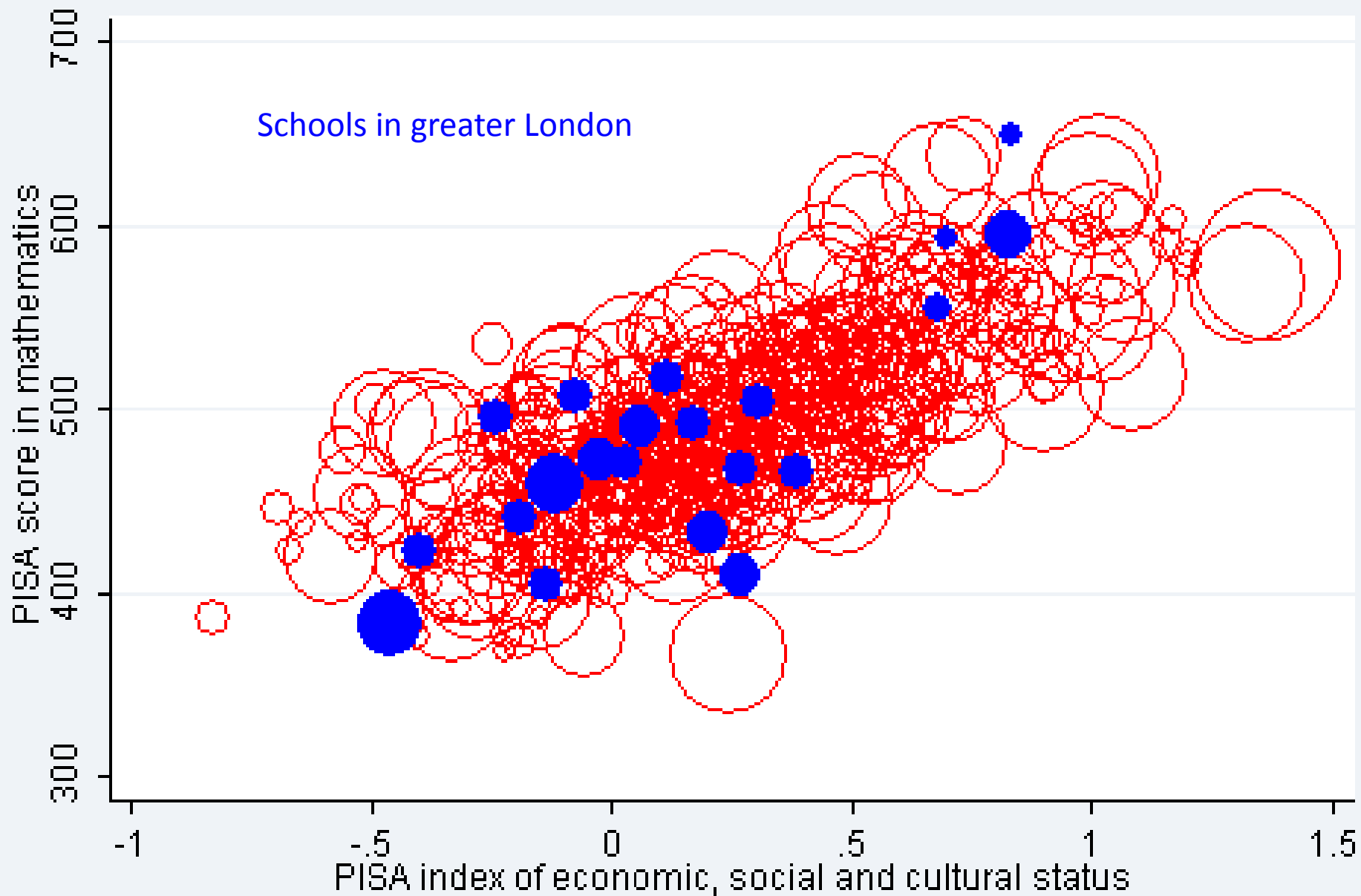
# PISA 2012

## Evaluating school systems to improve education



Andreas Schleicher

- **Over half a million students...**
  - representing 28 million 15-year-olds in 65 countries/economies
  - Now over **100 subnational entities**
- **... took an internationally agreed 2-hour test...**
  - Goes beyond testing whether students can reproduce what they were taught...
  - **... to assess students' capacity to extrapolate from what they know and creatively apply their knowledge in novel situations**
  - **Mathematics**, reading, science, problem-solving, financial literacy
  - Total of 390 minutes of assessment material
- **... and responded to questions on...**
  - their personal background, their schools and their engagement with learning and school
- **Parents, principals and system leaders provided data on...**
  - school policies, practices, resources and institutional factors that help explain performance differences .



Each school in the PISA sample is represented by a circle  
Schools in Greater London are marked in blue  
Area of symbol proportional to the sum of student weights



# PISA results for London

## How to obtain results in future studies

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- With a **larger sample size** in future PISA studies, London can obtain **separate PISA results**
- PISA provides currently data for over 100 subnational entities, including city data
- Cost is 35–75,000 GBP, depending on sample size, plus local implementation



# PISA-Based Test for Schools

## International benchmarking for schools

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- The PISA-Based Test for Schools is a **school-level assessment** that provides results on the PISA scales
- Enables schools to **benchmark themselves internationally** and **peer learn with similar schools** from around the world
- Each school receives a **comprehensive report** that shows how the school compares to other schools globally, along with information on the learning climate and students' engagement towards learning
- Participation cost: 3,550 GBP per school



# PISA-Based Test for Schools

## Obtaining aggregate results for London

- The PISA-Based Test for Schools can also be used to obtain aggregate results for London

Regular PISA (oversample)	PISA-Based Test for Schools
Sample size: 1750-2500 students in 50 schools	Sample size: 4000-4200 students in 50 schools
Available every three years (2018, 2021, etc.)	Available on demand
Provides aggregate results for London	Provides aggregate results for London and school-level results
Cost: 35-75,000 GBP plus local implementation	Cost: 177,500 GBP (3,550 per school) plus additional analyses