



## AERA 2014: Analyzing International Large-Scale Assessment Data with R

### Professional Development and Training Course

Instructors: Daniel Caro and Christian Bokhove

#### Agenda

April 2, 2014  
(9:00am – 5:00pm)

9:00 - 9:30am	Welcome, agenda, software installation
9:30 - 10:45am	Brief introduction to R
10:45 - 11: 00am	Break
11:00 - 12:00pm	R basics for data analysts
12:00 – 12:30pm	Complex designs of international assessments
12:30 – 1:30pm	Lunch
1:30 – 3:15pm	Using 'intsvy' to analyze international assessment data
3:15 – 3:30pm	Break
3:30 – 5:00pm	Practice session

#### **Recommended Pre-Course Reading:**

Venables, W. N., Smith, D. M., & R Core Team (2014). An Introduction to R (pages 4-17).

Rutkowski, L., Gonzalez, E., Joncas, M., & von Davier, M. (2010). International large-scale assessment data: Issues in secondary analysis and reporting. *Educational Researcher*, 39(2), 142-151.