



**Learn to Test for
Heteroscedasticity in Stata With
Data From the Early Childhood
Longitudinal Study (1998)**

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Learn to Test for Heteroscedasticity in Stata With Data From the Early Childhood Longitudinal Study (1998)

About This Dataset

Data source citation

National Center for Education Statistics, United States Department of Education. (2009). *Early Childhood Longitudinal Study, Kindergarten Class of 1998–99 (ECLS-K)* [Data file]. Retrieved from <http://nces.ed.gov/ecls/kindergarten.asp>

Full title of originating dataset

Early Childhood Longitudinal Study, Kindergarten Class of 1998–99 (ECLS-K)

Data author(s) and affiliations

National Center for Education Statistics, Institute of Education Sciences, United States Department of Education

Dataset source website address

<http://nces.ed.gov/ecls/kindergarten.asp>

First publication date

2009

Data Universe

Children entering kindergarten in 1998–99 in the United States

Funding sources/suppliers

Administration on Children, Youth and Families (ACYF), U.S. Department of Health and Human Services (HHS)

Economic Research Services (ERS), U.S. Department of Agriculture (USDA)

Office of Special Education Programs (OSEP), U.S. Department of Education

Office of English Language Acquisition (OELA), U.S. Department of Education

Policy and Programs Studies Services, U.S. Department of Education

National Center for Special Education Research (NCSE), IES, U.S. Department of Education

Sample/sampling procedures

A multistage probability sample design was employed to select a nationally representative sample of children attending kindergarten from 1998–1999.

Data collection dates

1998–1999

Unit of analysis

Individual

Location covered by data

United States

Links to SRM content

- Sweeney, K. (2004). Heteroskedasticity. In M. S. Lewis-Beck, A. Bryman, & T. Futing Liao (Eds.), *The SAGE encyclopedia of social science research methods* (pp. 459–460). Thousand Oaks, CA: SAGE. Retrieved from <http://dx.doi.org/10.4135/9781412950589.n392>
 - Kaufman, R. L. (2013). *Heteroskedasticity in regression: Detection and correction*. Thousand Oaks, CA: SAGE. Retrieved from <http://dx.doi.org/10.4135/9781452270128>
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List of variables

c1r4rscl

C1 RC4 READING IRT SCALE SCORE

c1r4mscl

C1 RC4 MATH IRT SCALE SCORE

c1rgscal

C1 REC GENERAL KNOWLEDGE IRT SCALE SCORE

c2r4rscl

C2 RC4 READING IRT SCALE SCORE

c2r4mscl

C2 RC4 MATH IRT SCALE SCORE

c2rgscal

C2 REC GENERAL KNOWLEDGE IRT SCALE SCORE

p2income

P2 PAQ100 TOTAL HOUSEHOLD INCOME (\$)

income1000

Income in Thousands

incomecat

Income Categories