

South Africa - Change in Household Status and its Impact on Children's Education in Agincourt

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Report generated on: May 21, 2018

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Overview

Identification

ID NUMBER
AHPU.ZA011.CHNGinHs.2008

Overview

ABSTRACT

We have developed a novel mathematical model, namely Orbit Theory, to analyze longitudinal data in the social sciences. As an application, we would like to investigate change in household status and its impact on children's education using data from Agincourt.

UNITS OF ANALYSIS
Household

Coverage

UNIVERSE

Households with a child of (primary (7 to 16) or secondary) school going age between 01/07/1993 and 31/07/2008 (repeat cross section).

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Prof David Sherwell	
Charles Lebon Mberi Kimpolo	

Sampling

Sampling Procedure

We will discuss three demographic variables of household change in Agincourt data, namely adult death, absence of biological mother of a child at school going age and household head a minor and investigate the impact of these variables on children educational attendance and progression at school. We will analyze data by use of "Orbit Theory". There are 48 possible states of each household, defined by order of questions and by fitness of each question (e.g. adult death is unfit). For every household we record the change of state.

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle
21993-01	2008-07	P1

Time Periods

Start	End	Cycle
1993-01	2008-07	N/A

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

columnStats

Content

Cases 36

Variable(s) 2

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V1	MotherResMonths	MotherResMonths	discrete	character	
V2	MotherResMonthsStat	MotherResMonthsStat	discrete	character	

EducationCodes

Content

Cases 50

Variable(s) 6

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V3	V1	V1	discrete	numeric	
V4	V2	V2	discrete	character	
V5	V3	V3	discrete	character	
V6	V4	V4	discrete	character	
V7	V5	V5	discrete	character	
V8	V6	V6	discrete	character	

MotherResMonths (MotherResMonths)

File: columnStats

Overview

Type: Discrete
Format: character
Width: 15

Valid cases: 34
Invalid: 0

MotherResMonthsStat (MotherResMonthsStat)

File: columnStats

Overview

Type: Discrete
Format: character
Width: 19

Valid cases: 36
Invalid: 0

V1 (V1)

File: EducationCodes

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: -1-15

Valid cases: 48
 Invalid: 2

V2 (V2)

File: EducationCodes

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 49
 Invalid: 0

V3 (V3)

File: EducationCodes

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 49
 Invalid: 0

V4 (V4)

File: EducationCodes

Overview

Type: Discrete
 Format: character
 Width: 91

Valid cases: 38
 Invalid: 0

V5 (V5)

File: EducationCodes

Overview

Type: Discrete
 Format: character
 Width: 28

Valid cases: 37
 Invalid: 0

V6 (V6)

File: EducationCodes

Overview

Type: Discrete
 Format: character
 Width: 15

Valid cases: 37
 Invalid: 0

Documentation

Questionnaires

Data Request

Title Data Request
Date 03/05/2018
Country South Africa
Language English
Filename CharlesKimpolo_AHPU_DataRequestForm.docx
