**AHPU Data Request Form**

**General Information**

Project Title: Change in Household Status and its Impact on Children’s Education in Agincourt.

Investigator(s): Prof David Sherwell

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## Purpose: (Brief description of the purpose of the study)

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.

## Analytical Plan: (Brief description of the analytical plan)

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.

# Data requirements

## Population (study):

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).

## Variables

|  |  |
| --- | --- |
| Table  | Variable |
| Membership,  | HH ID (for households specified above), HH Relation |
| Individuals 1 | ID ,DOB (Individuals aged 7 to 16 between 01/01/1993 and 31/07/2008),HHHeadDoB,MotherStatus, MotherStatus(recode as Mother status code – H present = 1; A,B,D,E,V = absent = 0 and Q,X = missing = Null  |
| Individuals  | DOD (of individuals of >= 18)  |
| Households | Household Head ID, Household Head age,  |
| Education  | Education ,Edu recode |

NB: List the variables that you will be using for your analysis even if they seem not to exist in the list provided in the data dictionary. We shall suggest the proximate ones you that you can use.

## Period:

From 01 January 1993 to 31 July 2008

## Unit(s) of analysis:

Household

## File Structure:

## A Flat file

## File Format:

SQL

Additional Information:

(Provide relevant information which might have left out that may ease the data extraction process)

Notes from a group discussion:

Household level data

Does the household have a child of school going age, if there is an adult (age 18+) death to a household member.

If there is child school-going age is the mother present in the household

Age of household head – is HH head a minor

Education status of child

**Population**

For all households with a child of school going age between 01/01/1993 and 31/07/2008 (repeat cross section) .

List Household ID

HH established date

HH dissolved date

At the end of each year for each household

Household head age is HH head a minor - y/n

Was there an adult death in previous year - y/n

For all household member s of school going age

 Mother status

 Mother status code – H = present = 1

 A,B,D,E,V = absent = 0

 Q,X = missing = .

Was mother present in the household - y/n

Education status transformed into years of education completed as measured in the Ed status survey in 1992, 1997 and 2002