# South Africa - Spatial modeling of child nutrition variables and HIV status at household level as well as village level.

Eustasius Musenge Kimani-Murage Elizabeth Kathleen Kahn Shane Norris Mark Collinson Steven Tollman

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### Overview

### Identification

ID NUMBER AHPU.ZA011.SMCNHV.2007

#### **Overview**

ABSTRACT Analysis of spatial determinants of Nutrition and child HIV in Agincourt in 2007.

UNITS OF ANALYSIS Child's data and geolocations

#### Coverage

#### GEOGRAPHIC COVERAGE

The child specific and household geo-locations and village plus centroids for the children in Elizabeth Kimani's study collected 2007.

#### UNIVERSE

All children used in Elizabeths's Kimani's study

#### **Producers and Sponsors**

#### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Eustasius Musenge	
Kimani-Murage Elizabeth	
Kathleen Kahn	
Shane Norris	
Mark Collinson	
Steven Tollman	

# Sampling

# Questionnaires

# Data Collection

### **Data Collection Dates**

### **Time Periods**

Start	End	Cycle
2007	2007	N/A

# Data Processing

# Data Appraisal

# **File Description**

# Variable List

# Geo\_info

Content			
Cases	3490		
Variable(s)	6		
Structure	Type: Keys: ()		
Version			
Producer			
Missing Data			

### Variables

ID	Name	Label	Туре	Format	Question
V1	ADSS_Id	ADSS_Id	discrete	numeric	
V2	Externalid	Externalid	discrete	character	
V3	village	village	discrete	numeric	
V4	CoordLatY	CoordLatY	discrete	numeric	
V5	CoordLongX	CoordLongX	discrete	numeric	
V6	V6		discrete	character	

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Valid cases: 3489

Invalid: 1

# ADSS\_Id (ADSS\_Id) File: Geo\_info

#### Overview

Type: Discrete Format: numeric Decimals: 0 Range: 100083-519909

# Externalid (Externalid) File: Geo\_info

#### Overview

Type: Discrete Format: character Width: 5 Valid cases: 3489 Invalid: 0

# village (village) File: Geo\_info

#### Overview

Type: Discrete Format: numeric Decimals: 0 Range: 1-20

### CoordLatY (CoordLatY) File: Geo info

#### Overview

Type: Discrete Format: numeric Decimals: 2 Range: -2757976.07434036--2743757.0056827

### CoordLongX (CoordLongX) File: Geo info

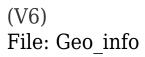
#### Overview

Type: Discrete Format: numeric Decimals: 2 Range: 13000.8468657992-42666.5765899129

(V6) File: Geo\_info Overview Valid cases: 3489 Invalid: 1

> Valid cases: 3488 Invalid: 2

Valid cases: 3488 Invalid: 2



Type: Discrete Format: character Width: 6

Valid cases: 1 Invalid: 0

# Documentation

### Questionnaires

#### **Data Request**

TitleData RequestDate03/05/2018CountrySouth AfricaLanguageEnglishFilenameAHPU Data Request Form Musenge.doc