

Grand Anse, Haiti - Saftey Net Program

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HDVI - Haiti's Deprivation and Vulnerability Index

HDVI

- ▶ Consists of 20 indicators of living conditions
- ▶ Across 7 dimensions of vulnerability
- ▶ Is a a number $[0 \leq \text{HDVI} \leq 1]$
- ▶ The higher the HDVI the higher the household deprivation

Household Classification

Households are classified into 4 categories

- ▶ More Deprived
- ▶ Mid Deprived
- ▶ Less Deprived
- ▶ Not Deprived

Objective:

Of the 7 vulnerability measures, food vulnerability is the variable of interest, because food consumption is a good predictor of a household well-being.

This analysis is the first stage in identifying the most vulnerable population in Grande Anse, Haiti.

Data:

Households were asked 3 series of questions regarding food security over the 4 weeks prior to the data collection/ survey interview period.

1. Absence of Food - If HH members experienced absence of food due to lack of resources.
2. Hunger - If HH members went to bed hungry because they could not eat sufficiently.
3. Restricted Consumption - If HH members were forced to fast during an entire day because there was not enough food.

Possible Responses:

1. never
2. sometimes
3. Often

Variables of Interest:

In the 4 weeks prior to the interview date:

Absence of Food

- ▶ cat_hh_no_food_at_all1
- ▶ cat_hh_no_food_at_all2
- ▶ cat_hh_no_food_at_all3

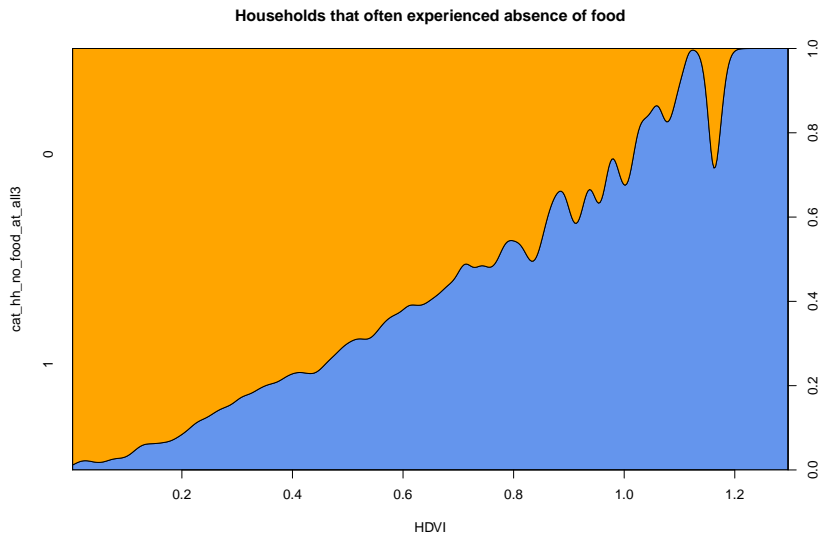
Forced to fast

- ▶ cat_hh_day_no_food1
- ▶ cat_hh_day_no_food2
- ▶ cat_hh_day_no_food3

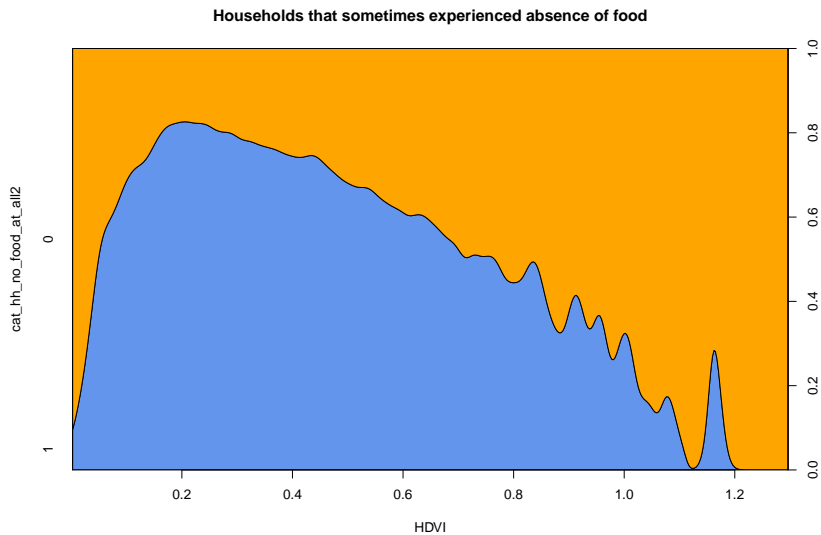
Went to bed hungry

- ▶ cat_hh_bed_hungry1
- ▶ cat_hh_bed_hungry2
- ▶ cat_hh_bed_hungry3

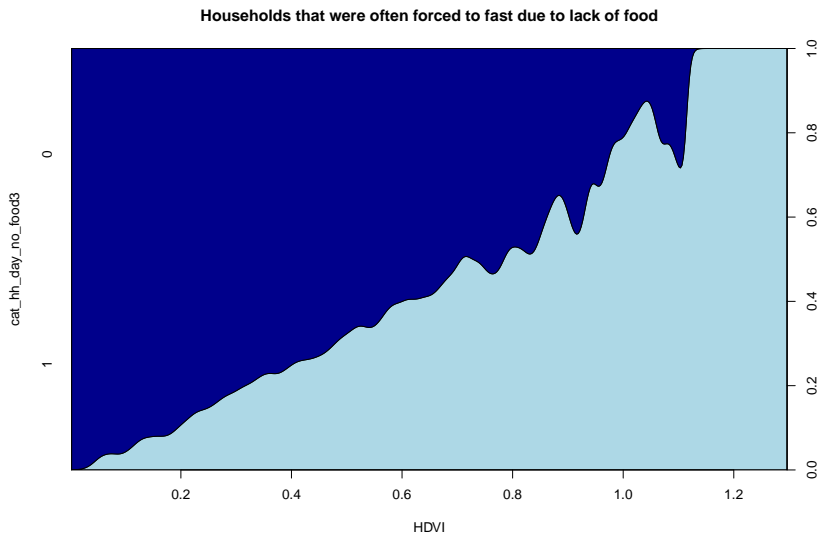
Absence of food - Often



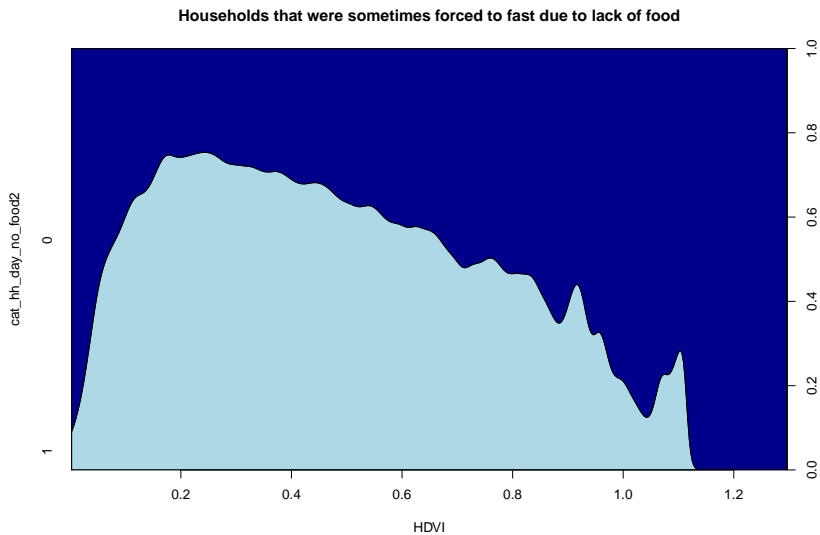
Absence of food - Sometimes



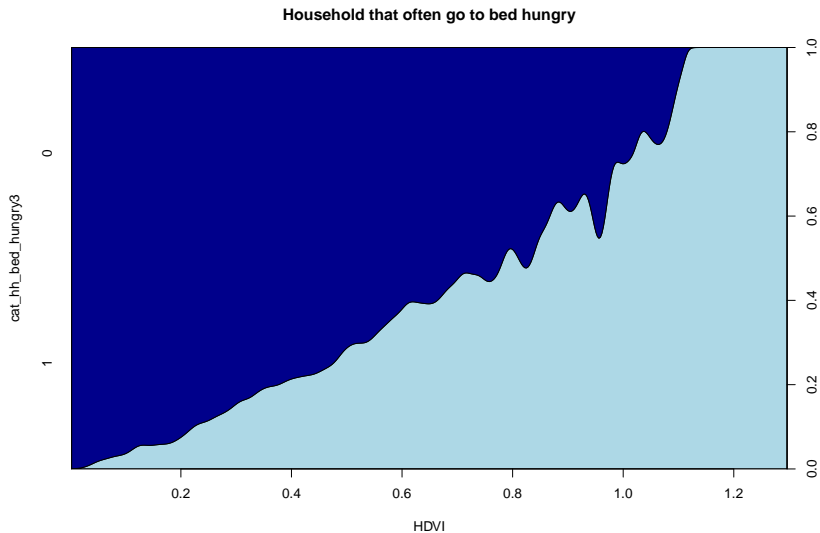
Forced to Fast - Often



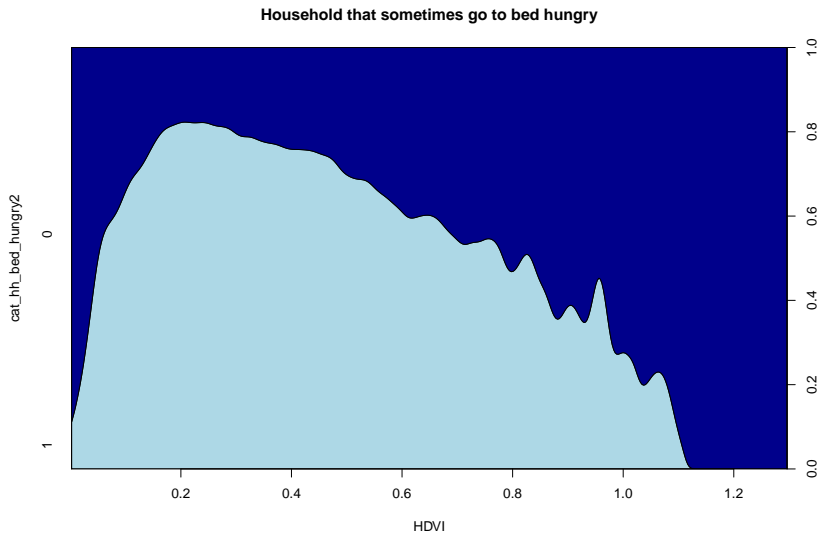
Forced to Fast - Sometimes



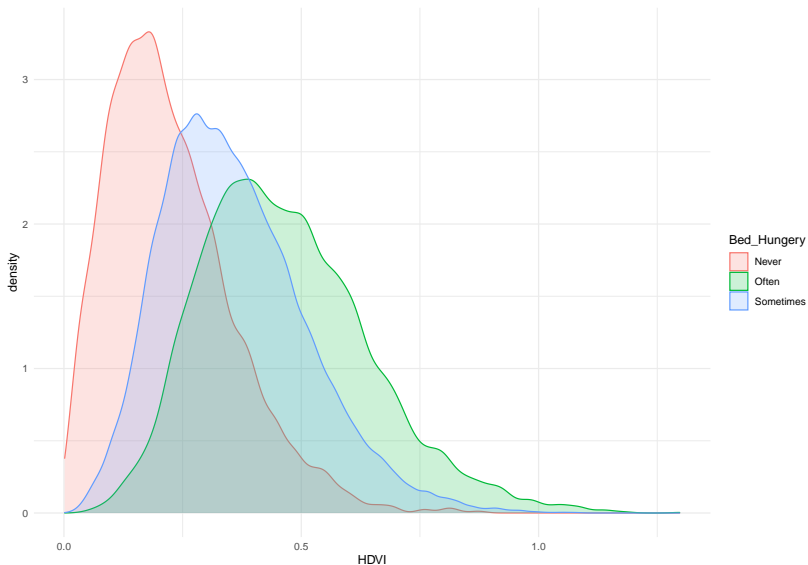
Went to bed Hungry - Often



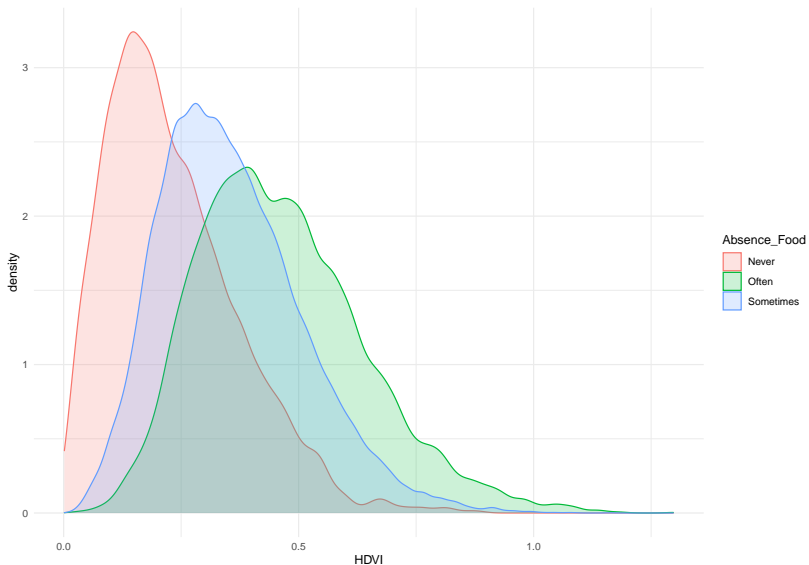
Went to bed Hungry - Sometimes



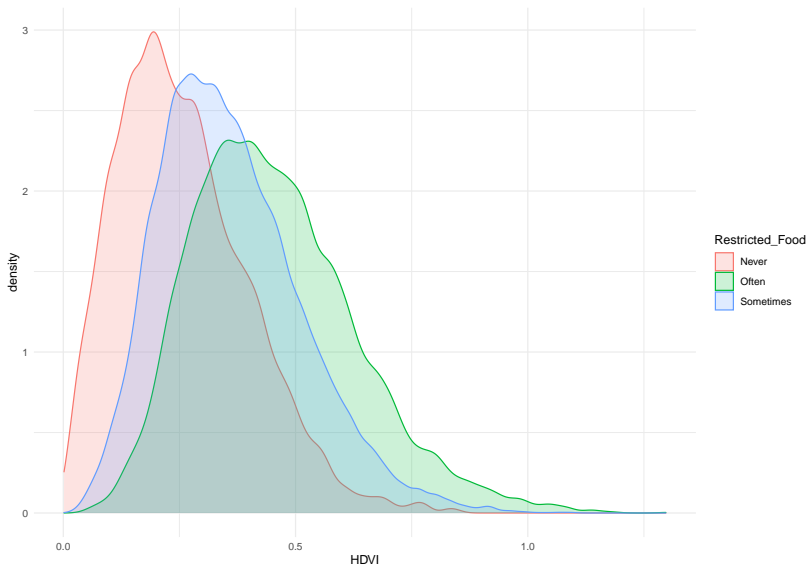
Population distribution - Gone to bed hungry



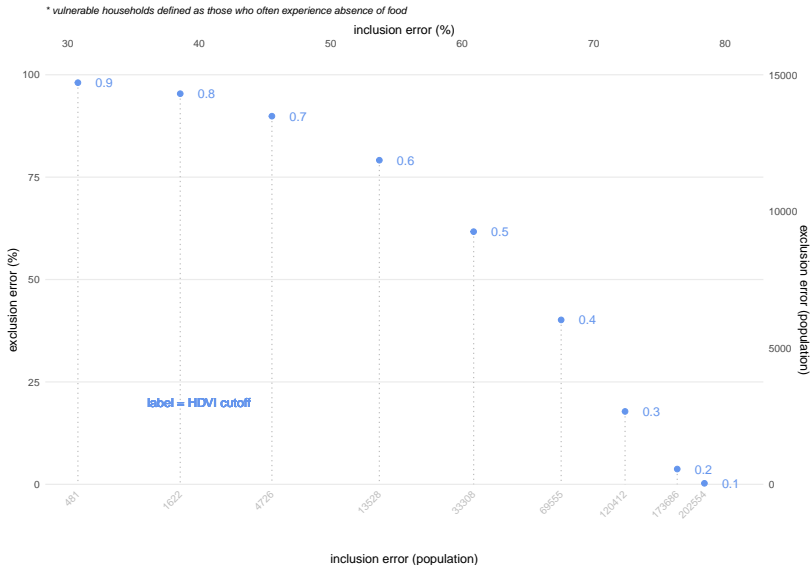
Population distribution - Absence of Food



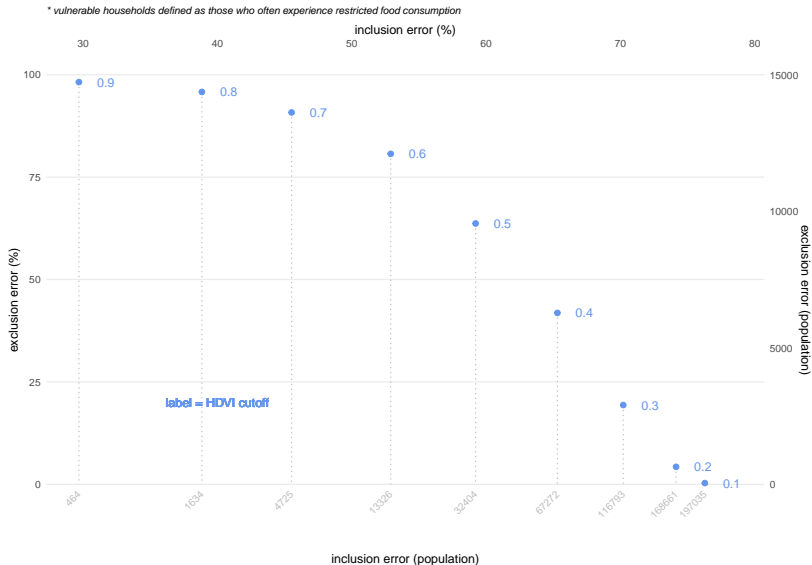
Population distribution - Restricted Consumption



Inclusion error & exclusion error, measured against absence of food



Inclusion error & exclusion error, measured against restricted food consumption



Inclusion error & exclusion error, measured against going to bed hungry

