

# Grand Anse, Haiti - Saftey Net Program

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3/8/2021

# 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

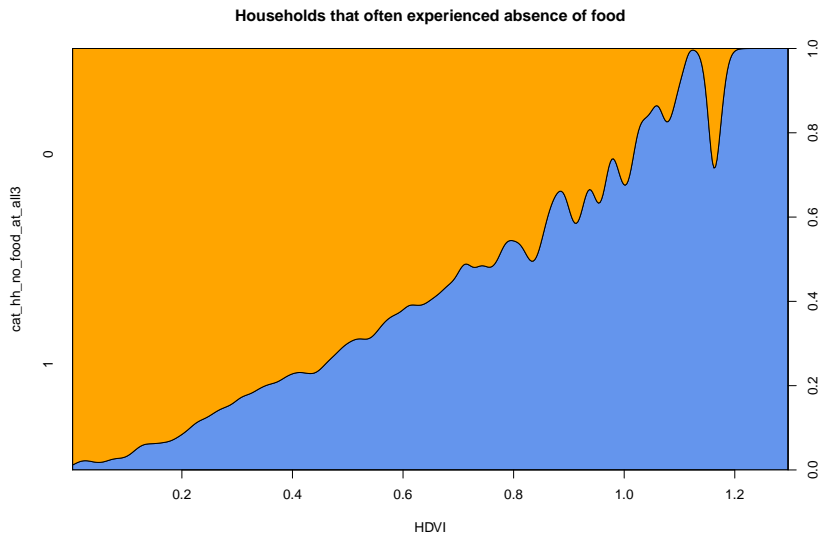
### **Forced to fast**

- ▶ cat\_hh\_day\_no\_food1
- ▶ cat\_hh\_day\_no\_food2
- ▶ cat\_hh\_day\_no\_food3

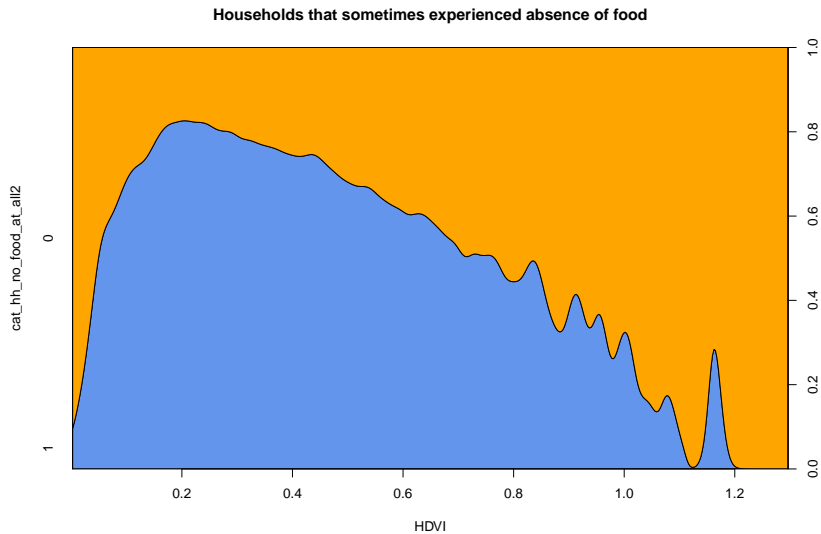
### **Went to bed hungry**

- ▶ cat\_hh\_bed\_hungry1
- ▶ cat\_hh\_bed\_hungry2
- ▶ cat\_hh\_bed\_hungry3

# Absence of food - Often

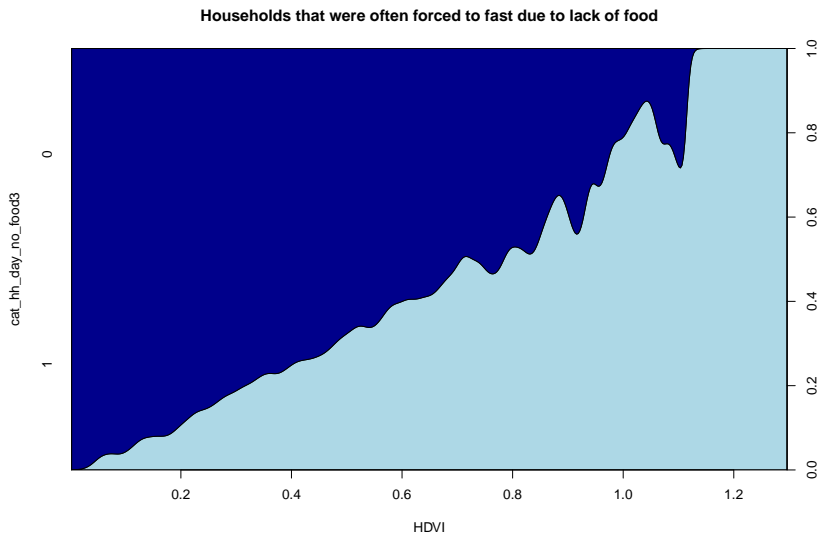


# Absence of food - Sometimes

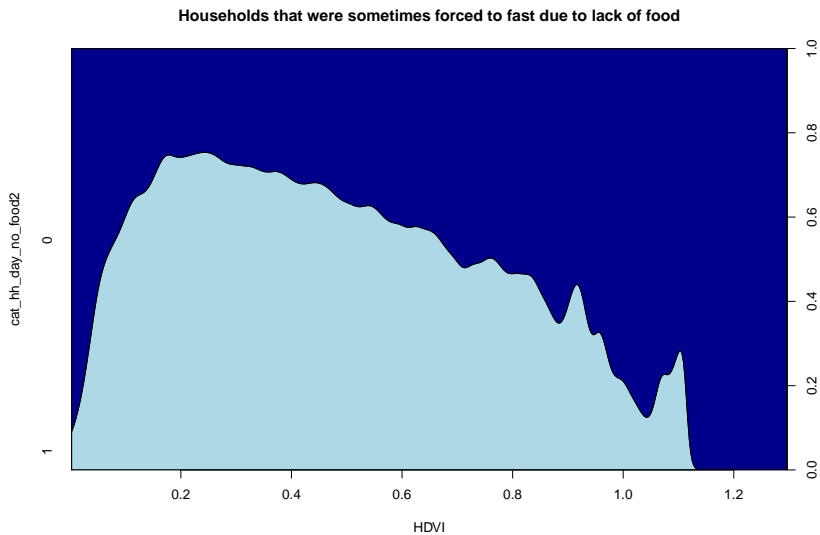




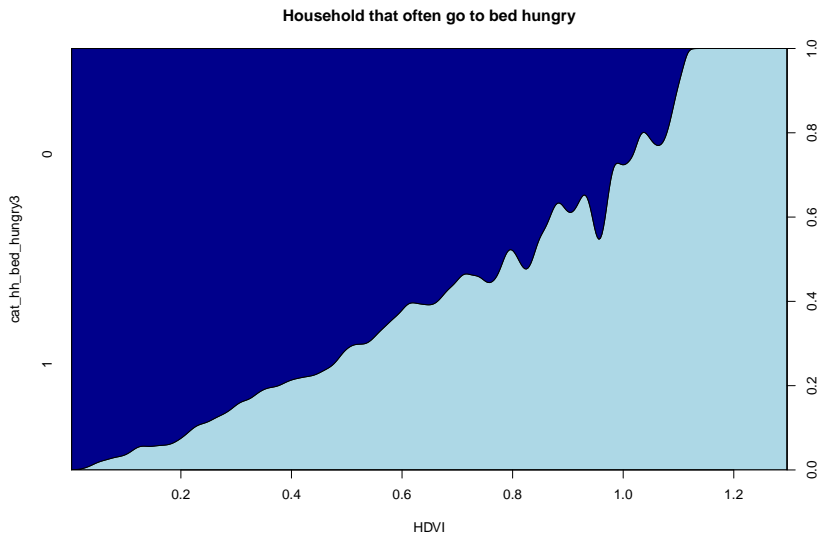
# Forced to Fast - Often



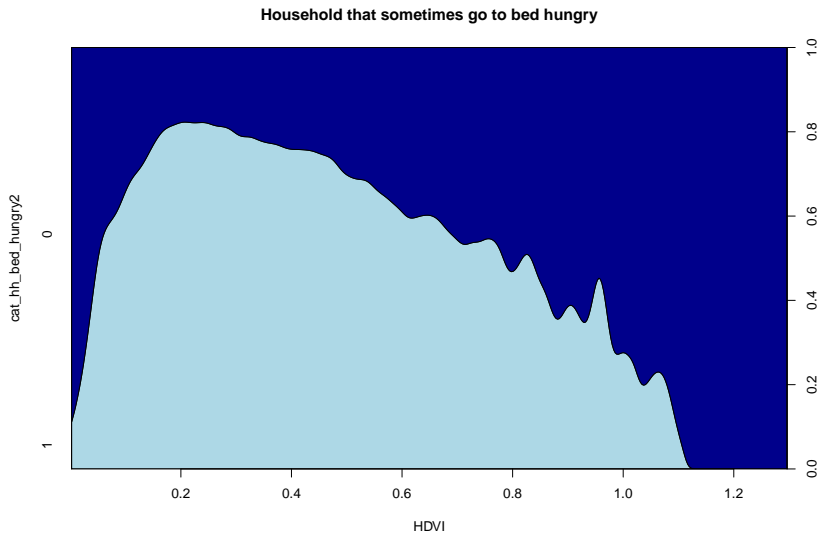
# Forced to Fast - Sometimes



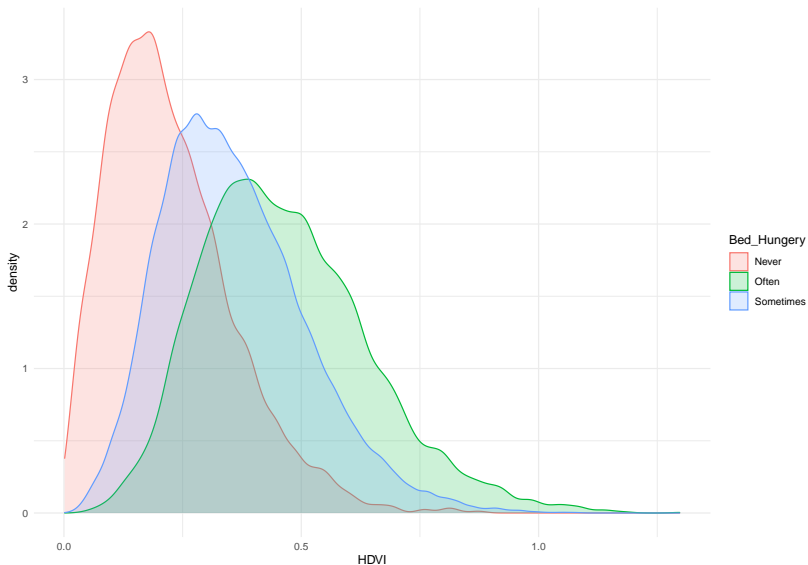
# Went to bed Hungry - Often



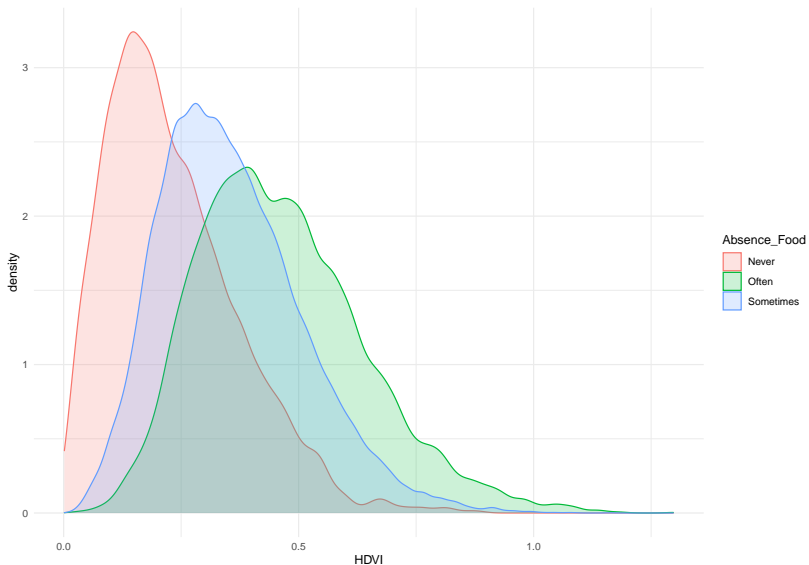
## Went to bed Hungry - Sometimes



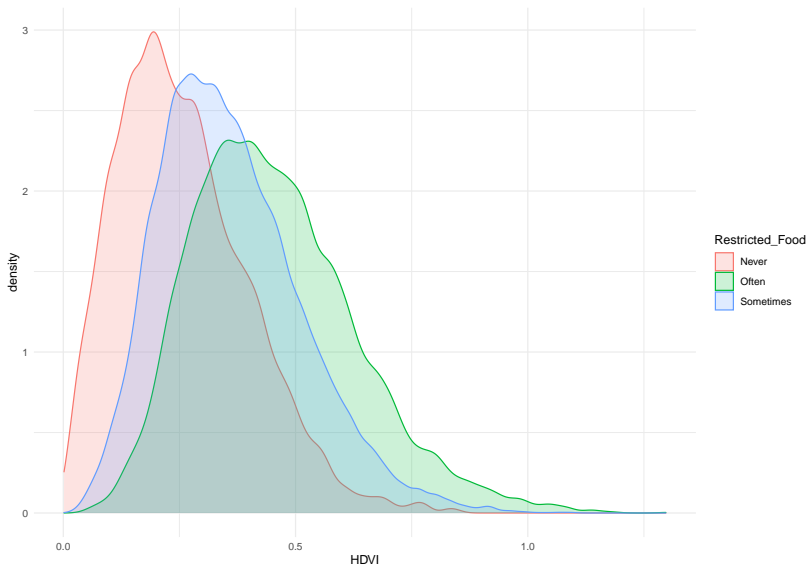
# Population distribution - Gone to bed hungry



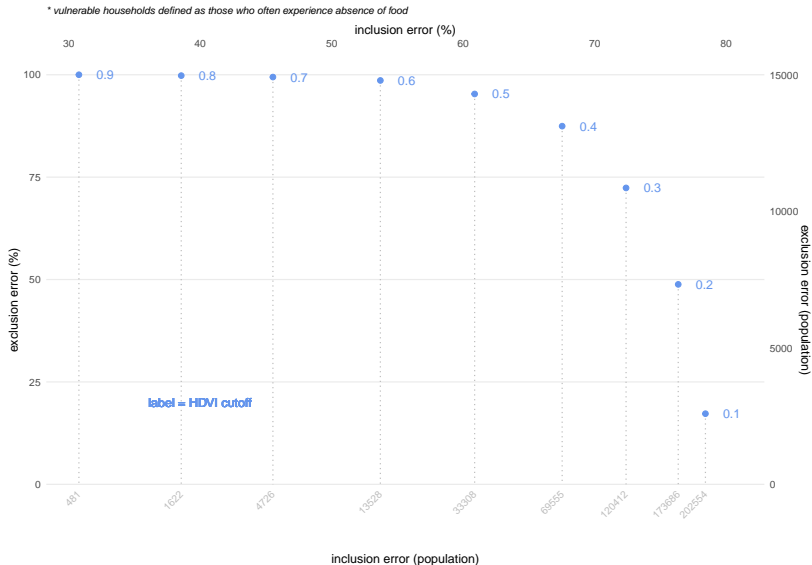
# Population distribution - Absence of Food



# Population distribution - Restricted Consumption

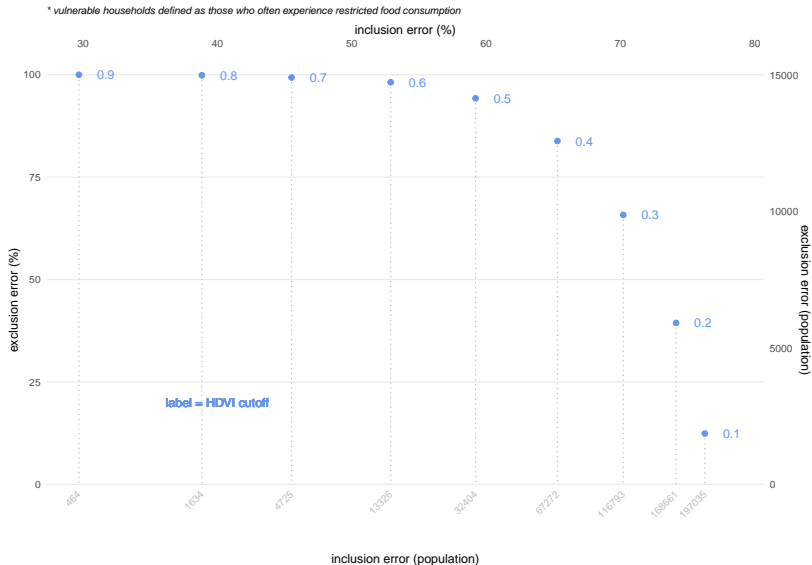


# Inclusion error & exclusion error, measured against absence of food





# Inclusion error & exclusion error, measured against restricted food consumption



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

