

Grand Anse, Haiti - Safety 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. Hunnnger - If HH members went to bed hungry becausee they could not eat sufficiently.
3. Restricted Consumptioon - If HH members were forced to fast during an entire day becuae theerre 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

Summary Statistics

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Summary Statistics

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## Statistic	N	Mean	St. Dev.	Min	Pctl(25)
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## urban	264,402	0.206	0.404	0	0
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## hhsize	264,402	4.292	1.949	1	3
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## HDVI	264,402	0.372	0.166	0.002	0.251
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## no_vulnerability	264,402	0.139	0.346	0	0
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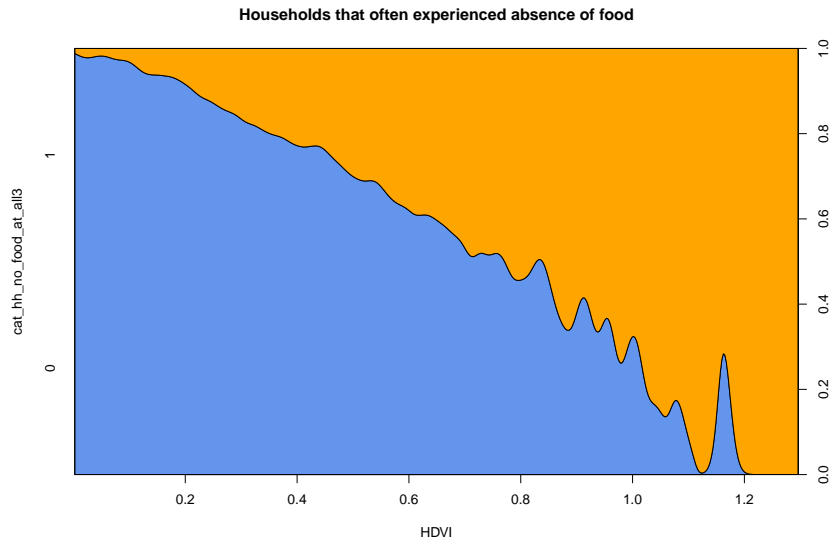
## less_vulnerability	264,402	0.172	0.378	0	0
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## mid_vulnerability	264,402	0.246	0.431	0	0
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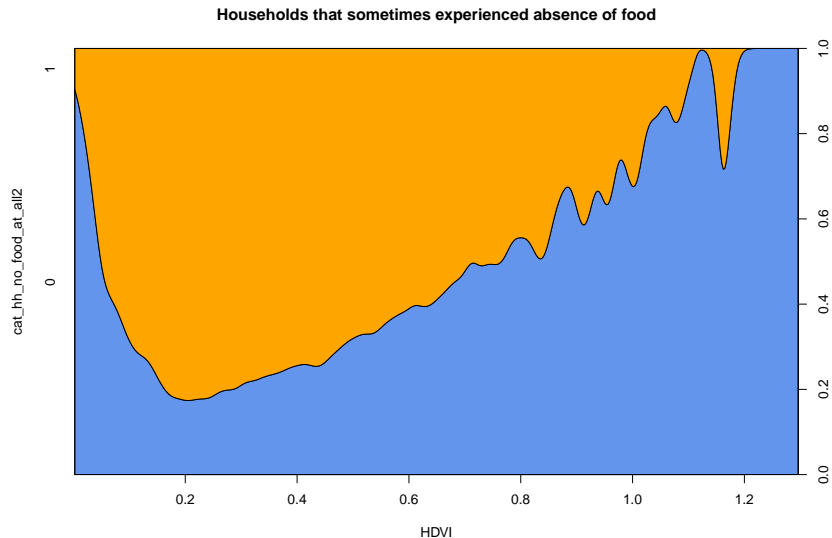
## more_vulnerability	264,402	0.443	0.497	0	0
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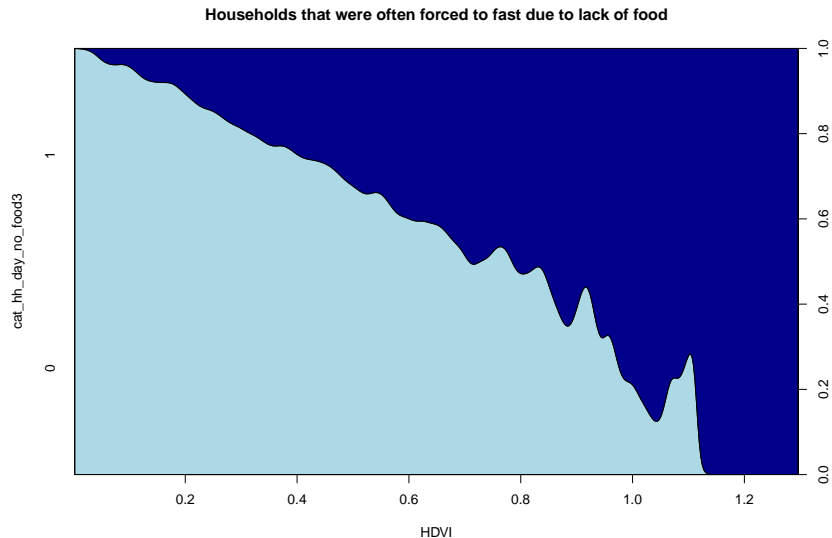
Absence of food - Often



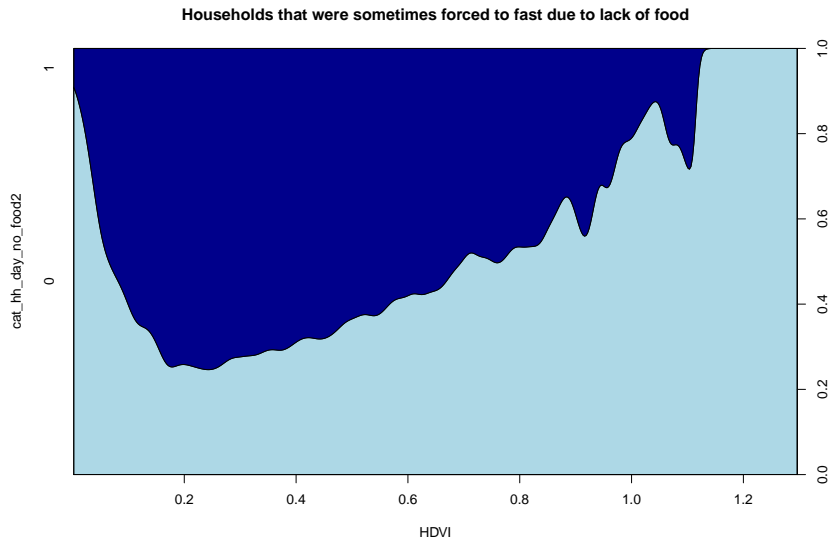
Absence of food - Sometimes



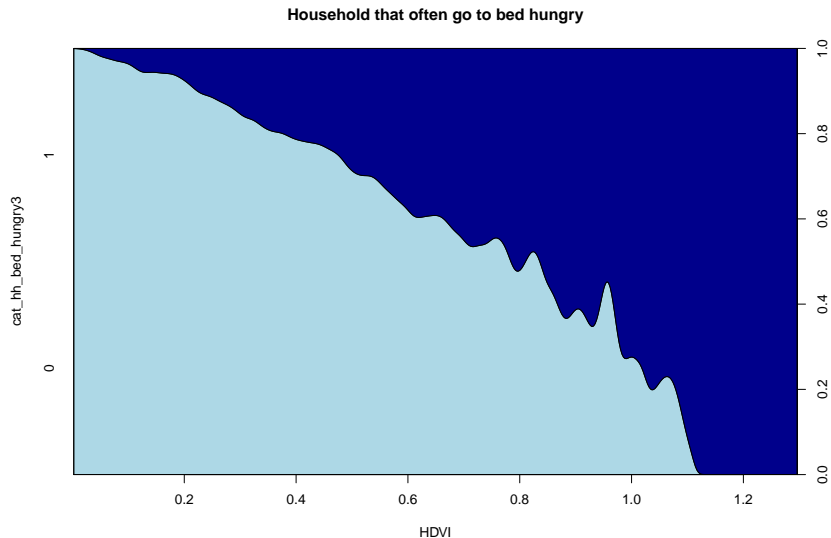
Forced to Fast - Often



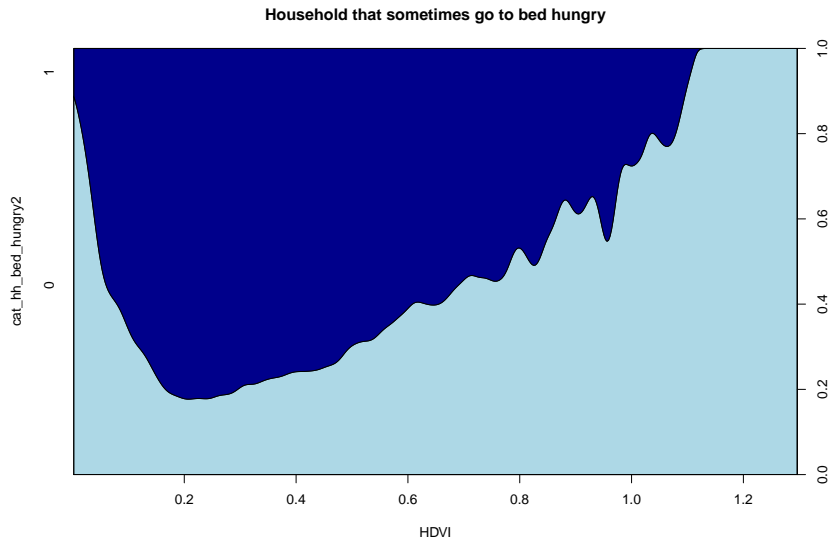
Forced to Fast - Sometimes



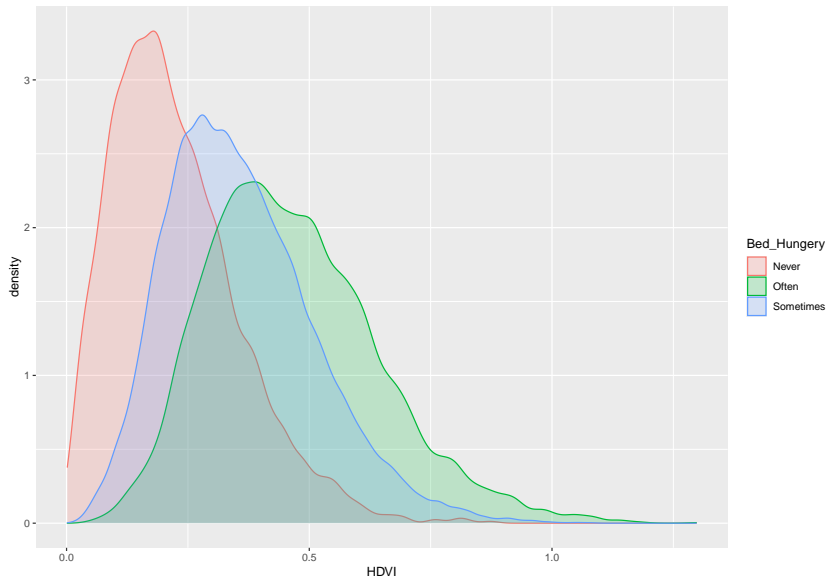
Went to bed Hungry - Often



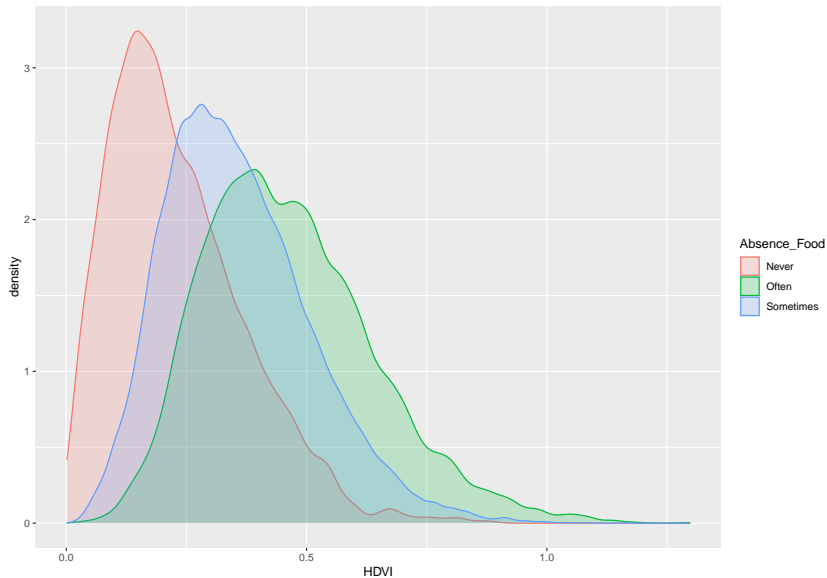
Went to bed Hungry - Sometimes



Population distribution - Gone to bed hungry



Population distribution - Absence of Food



Population distribution - Restricted Consumption

