

Enhancing the Distribution of Social Services in Mexico

SEDESOL



**Fernanda
Alcala Durand**



**Diego
Garcia-Olano**



**Mobin
Javed**



**Kris
Sankaran**



**Eric
Potash**



**Adolfo
De Unanue**



**Paul
van der Boor**

Poverty in Mexico



Total population: 120,000,000

* Source: CONEVAL

Poverty in Mexico



Total population: 120,000,000

53,000,000* people in poverty

46% of the population

* Source: CONEVAL

Poverty in Mexico



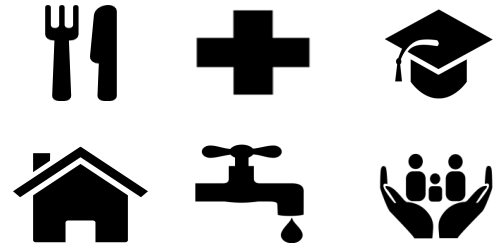
Total population: 120,000,000
53,000,000* people in poverty

46% of the population

* Source: CONEVAL

Multidimensional Poverty

Six Deprivations



Income Line

Rural: < 45 USD

... per month

Urban: < 65 USD

Program Matching

SEDESOL

SECRETARÍA DE
DESARROLLO SOCIAL

Program Matching

SEDESOL

SECRETARÍA DE
DESARROLLO SOCIAL



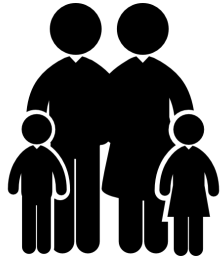
DICONSA



PROSPERA
PROGRAMA
DE INCLUSIÓN SOCIAL



Program Matching



RED DE ESTANCIAS INFANTILES



DICONSA



PROGRAMA DE
EMPLEO TEMPORAL

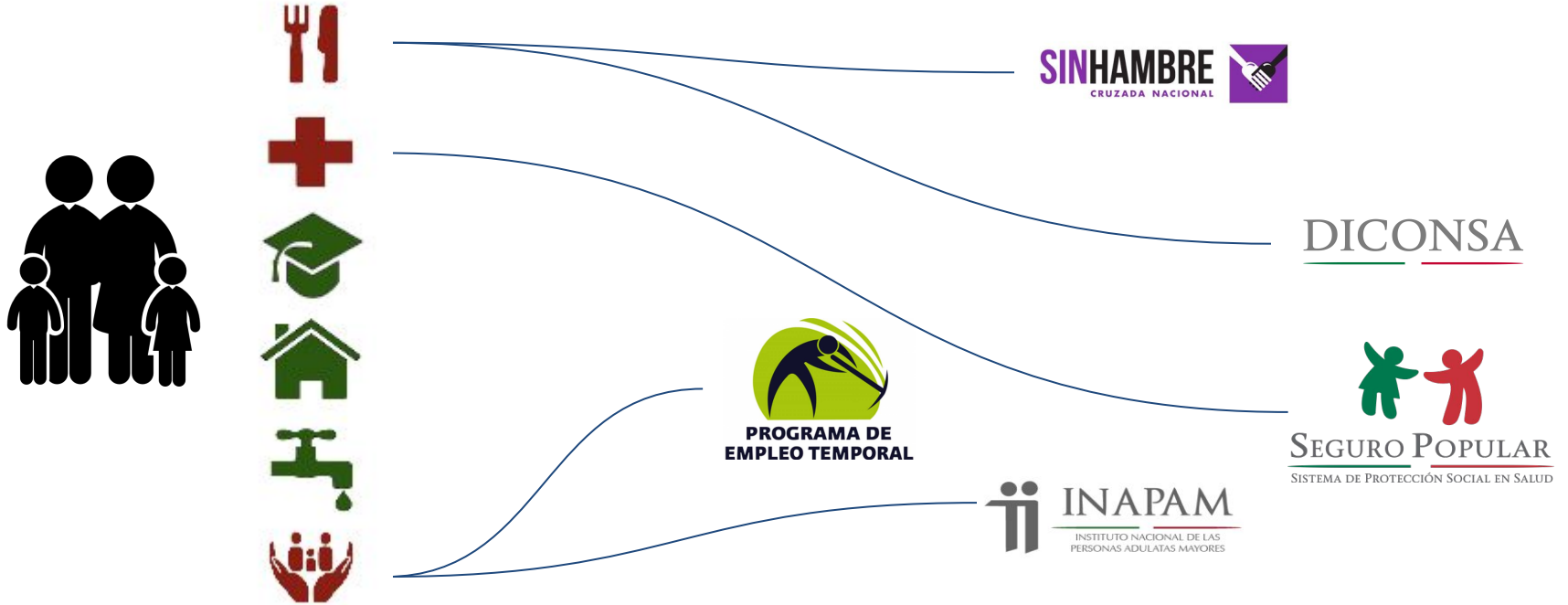


LICONSA
ABASTO SOCIAL DE LECHE

PROSPERA
PROGRAMA
DE INCLUSIÓN SOCIAL



Program Matching



80 million people receive some benefit













20 million people with known deprivations



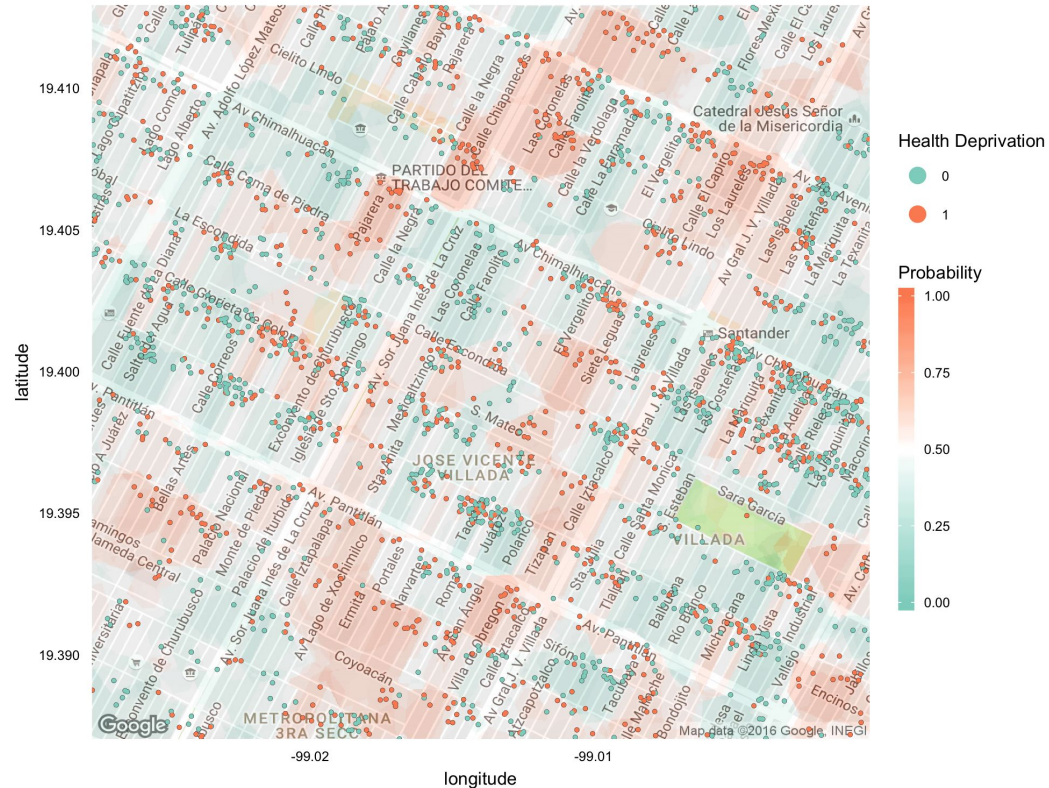
60 million people with incomplete data



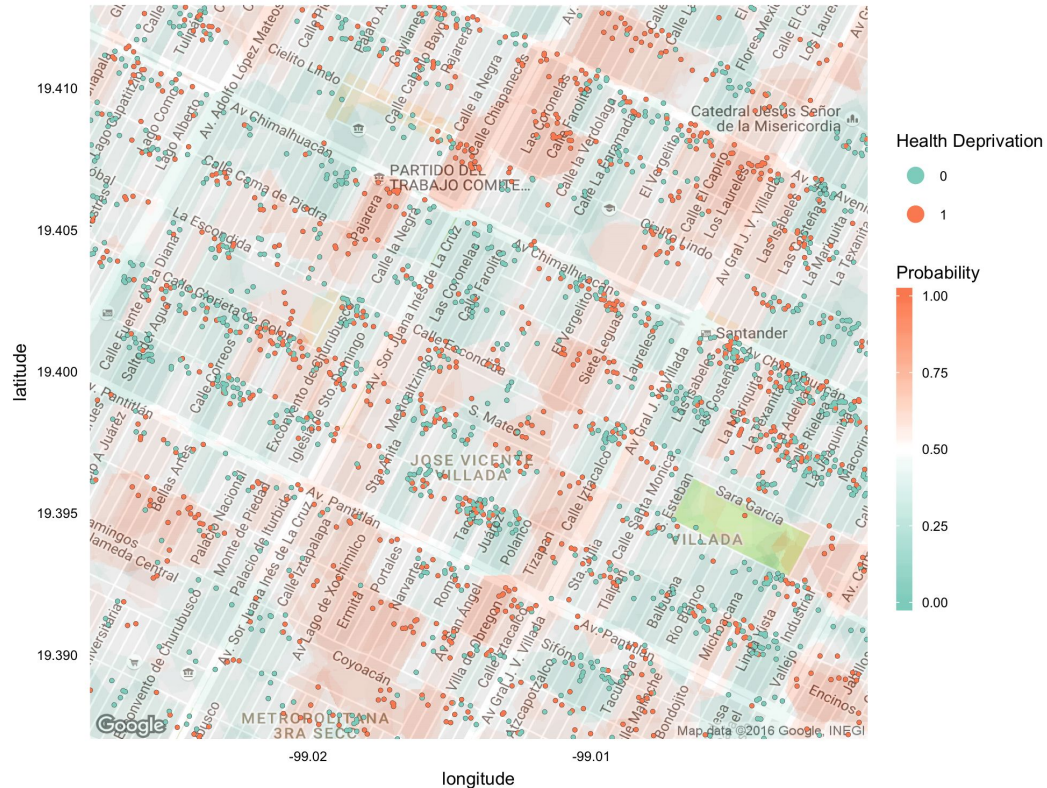
Predicting Poverty Indicators

						
	✓	x	✓	x	✓	✓
	?	?	?	?	?	?
	✓	✓	x	x	✓	x
	✓	x	x	x	✓	✓

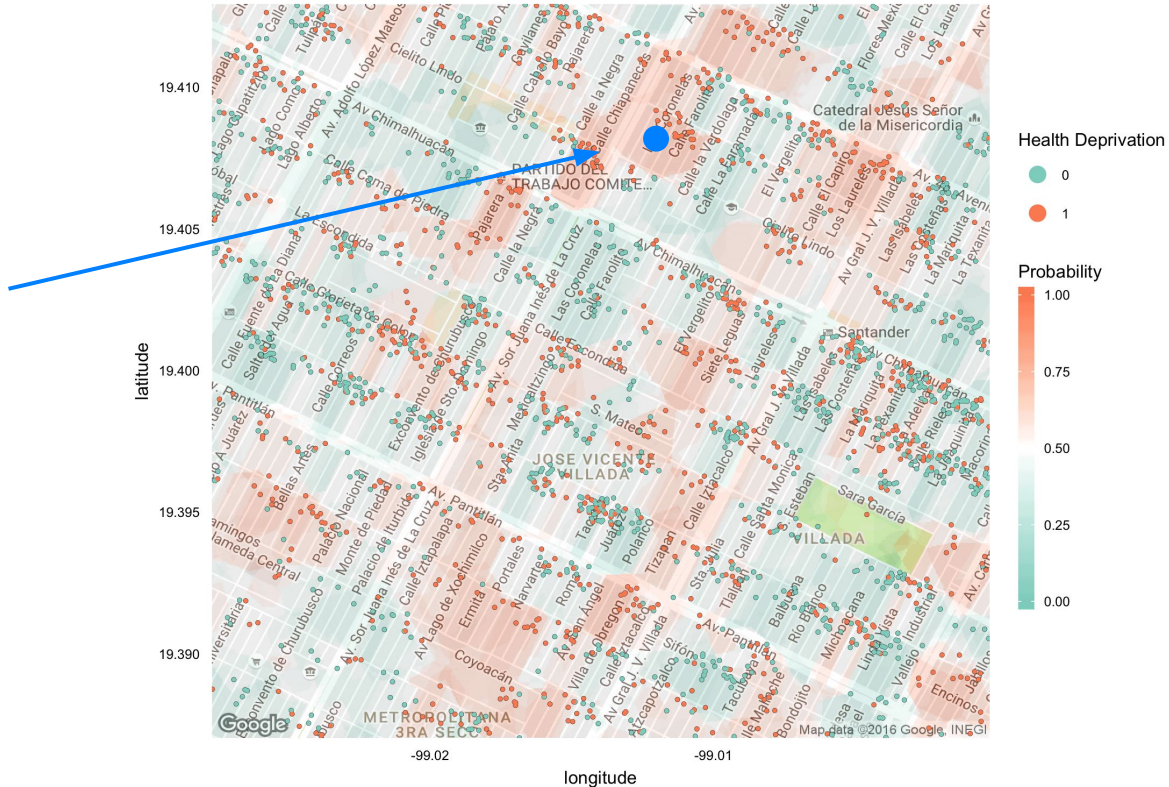
Geographic Based Prediction



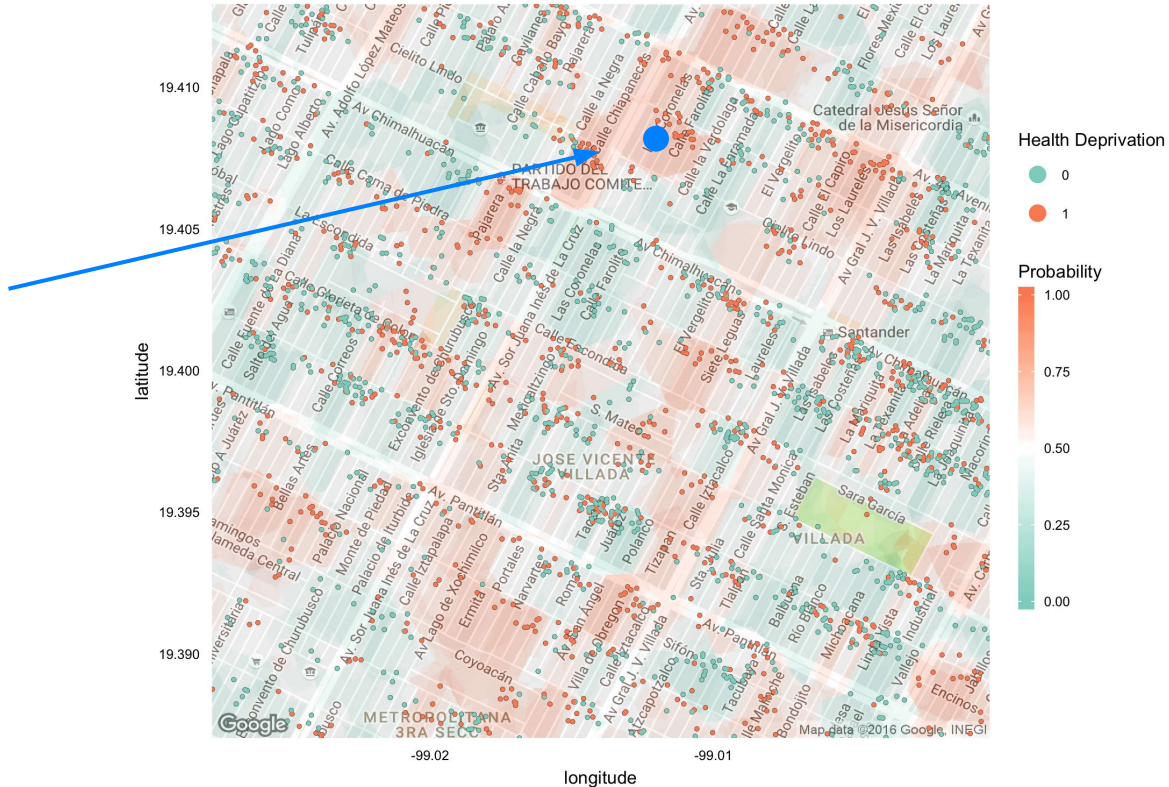
Geographic Based Prediction



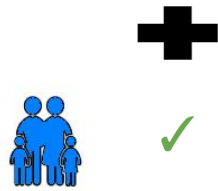
Geographic Based Prediction



Geographic Based Prediction













Geographic Based Prediction



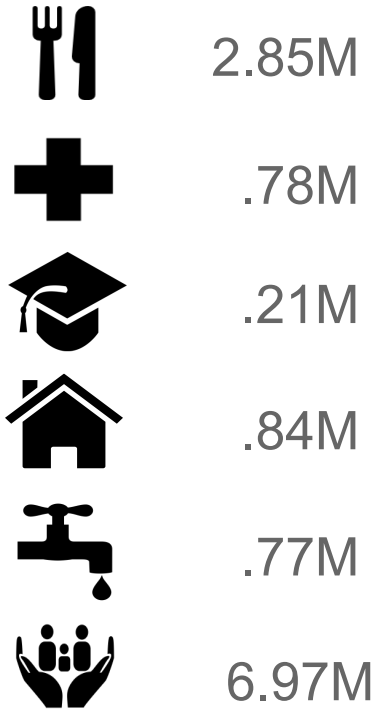
7.7 million people without deprivation levels for whom we have linked geographic information



Predicting Poverty Indicators

						
	✓	x	✓	x	✓	✓
	✓	✓	x	x	✓	✓
	✓	✓	x	x	✓	x
	✓	x	x	x	✓	✓

Our Results



Total people with imputed poverty indicators, who can now be **better matched with social programs:**

7,401,777

