

SUPPLEMENTARY MATERIAL

Table S1. Abbreviation of the variables used in the multivariate logistic models.

Tabla S1. Abreviaturas de las variables usadas en los modelos logísticos multivariados.

Factor	Abbreviation
Unstatisfied basic needs	UBN
Soil surface temperature	SST
Sex	Sex
Primary education	Education
Population density	Density
Overcrowding	Overcrowding
NDVI	NDVI
Minimum distance	Distance
Insufficient household quality	House
Distance to cemeteries	Cemeteries
Distance to canals	Canals
Age (years)	Age

Table S2. A model set for the ecological and social factors and the probability of being positive for dengue in Gran San Miguel, 2016.

Tabla S2. Conjunto de modelos para los factores ecológicos y sociales, y probabilidad de ser positivo para dengue en Gran San Miguel, 2016.

Model number	Model description	AIC	Δ AIC	df	weights
	Intercept only	815.3	24.5	1	<0.001
1	Distance+Age+Education+NDVI+Canals+Cemeteries	790.7	0	7	0.4739
2	Distance+Age+Education+NDVI+Canals+Cemeteries+SST+Overcrowding+Sex+House+Density	792.8	2.1	12	0.1683
3	Distance+NDVI+Canals+Cemeteries+Age+Education	793	2.3	7	0.1503
4	Distance+Age+Education+NDVI+Canals+Cemeteries+SST+Overcrowding+Sex+House+Density+UBN	793.7	3	13	0.1058
5	Distance+NDVI+House+Age	795.7	4.9	5	0.0399
6	Distance+Age+NDVI+Density+House	796.4	5.7	6	0.0269
7	Distance+Age+NDVI+Education	797.1	6.4	5	0.019
8	Distance+Age+NDVI+Education+Density	798	7.3	6	0.0121
9	Distance+Age+NDVI	801.2	10.5	4	0.0025
10	Distance+NDVI	804.2	13.5	3	<0.001
11	Distance+Age	804.5	13.8	3	<0.001
12	Distance+House	804.9	14.2	3	<0.001