



Supplementary Materials

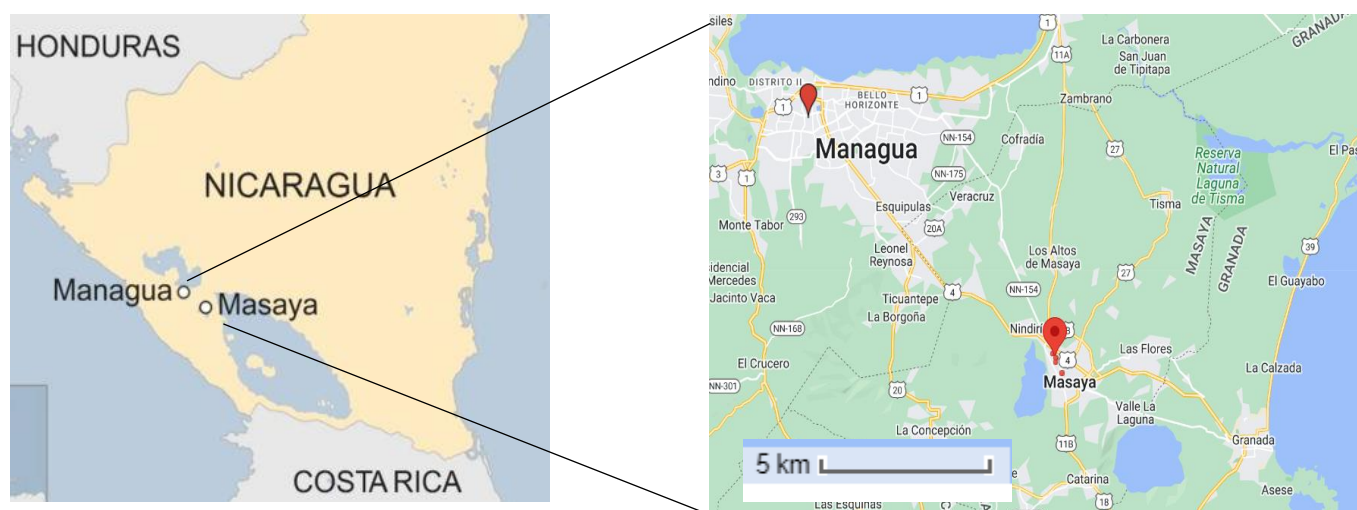


Figure S1. Geographic location where the samples were collected in Masaya (Nicaragua).

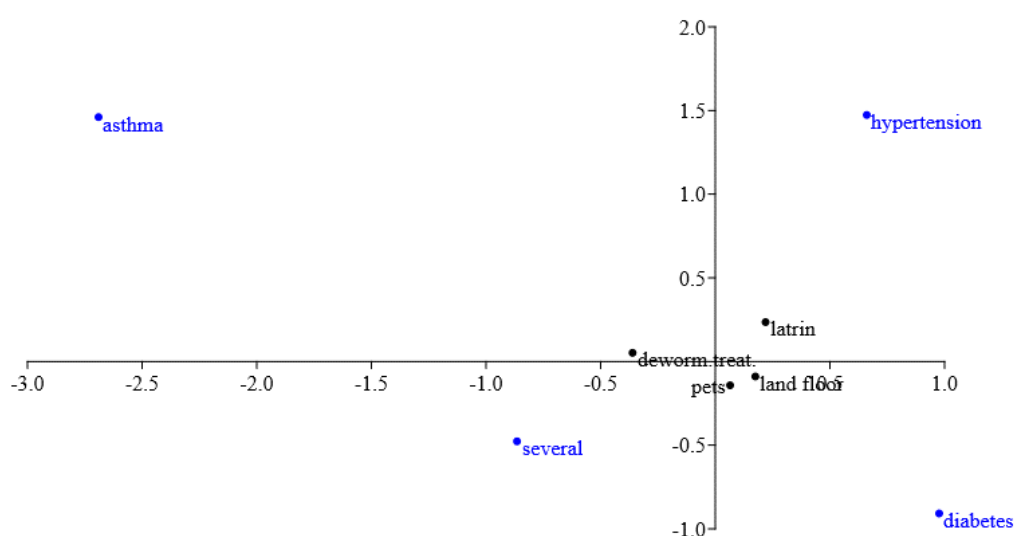


Figure S2. Visual representation of correspondence analysis demonstrating the strength of the relationships between epidemiological characteristics and NCDs.

Table S1. Mono- and poly-parasitism detected in patients with chronic non-communicable diseases in Masaya (Nicaragua). Absolute values of the main combinations between parasites detected (Entamoeba complex* = Entamoeba histolytica/dispar).

	<i>Blastocystis</i>	<i>G. intestinalis</i>	<i>E. coli</i>	<i>E. nana</i>	Entamoeba complex*	<i>A. lumbricoides</i>
<i>Blastocystis</i>	23	1	12	13	1	0
<i>G. intestinalis</i>	1	0	0	0	0	0
<i>E. coli</i>	12	0	8	1	1	0
<i>E. nana</i>	13	0	1	4	0	0
Entamoeba complex*	1	0	1	0	0	0
<i>A. lumbricoides</i>	0	0	0	0	0	1
<i>Blastocystis</i> + <i>E. coli</i>	-	0	-	10	1	0
<i>Blastocystis</i> + <i>E. nana</i>	-	0	0	-	2	0
<i>Blastocystis</i> + <i>E. nana</i> + Entamoeba complex*	1	1	2	-	-	0