

Supplementary material

S1 Table. Demographic data of the study participants (n = 188)

Character- istic	Overall N = 188¹	CH N = 69¹	CS N = 80¹	VP N = 39¹	p-value²
Sex					0.807
Female	112 (59.6%)	40 (58.0%)	47 (58.8%)	25 (64.1%)	
Male	76 (40.4%)	29 (42.0%)	33 (41.3%)	14 (35.9%)	
Age (years)	45 (32, 57)	50 (35, 59)	45 (32, 59)	37 (27, 44)	0.008
Age group					0.037
18-31	45 (23.9%)	11 (15.9%)	20 (25.0%)	14 (35.9%)	
32-43	46 (24.5%)	14 (20.3%)	18 (22.5%)	14 (35.9%)	
44-58	54 (28.7%)	25 (36.2%)	22 (27.5%)	7 (17.9%)	
59+	43 (22.9%)	19 (27.5%)	20 (25.0%)	4 (10.3%)	
Education					0.035
None/ incomplete primary school	24 (12.9%)	8 (11.9%)	9 (11.3%)	7 (17.9%)	
Primary school	91 (48.9%)	25 (37.3%)	42 (52.5%)	24 (61.5%)	
High school/uni- versity	71 (38.2%)	34 (50.7%)	29 (36.3%)	8 (20.5%)	
Occupation					0.176
Employed	27 (14.5%)	11 (16.2%)	10 (12.5%)	6 (15.8%)	
Un- employed/ underem- ployed	40 (21.5%)	11 (16.2%)	15 (18.8%)	14 (36.8%)	
Home- maker/stu- dent	38 (20.4%)	14 (20.6%)	20 (25.0%)	4 (10.5%)	

¹ n (%); Median (Q1, Q3)

² Pearson's Chi-squared test; Kruskal-Wallis rank sum test

Character- istic	Overall N = 188 ¹	CH N = 69 ¹	CS N = 80 ¹	VP N = 39 ¹	p-value ²
Retired/ pensioner	81 (43.5%)	32 (47.1%)	35 (43.8%)	14 (36.8%)	

¹ n (%); Median (Q1, Q3)

² Pearson's Chi-squared test; Kruskal-Wallis rank sum test

S2 Table. Knowledge about dengue by neighborhood (n = 188)

Character- istic	Overall N = 188¹	CH N = 69¹	CS N = 80¹	VP N = 39¹	p-value²
Is aware of dengue	185 (98.4%)	69 (100.0%)	80 (100.0%)	36 (92.3%)	0.008
Knows someone that has had dengue					
Knows someone with dengue	79 (42.7%)	47 (68.1%)	29 (36.3%)	3 (8.3%)	<0.001
From neighborhood	68 (36.8%)	45 (65.2%)	23 (28.8%)	0 (0.0%)	<0.001
From household	14 (7.6%)	11 (15.9%)	2 (2.5%)	1 (2.8%)	0.006
Had dengue themselves	4 (2.1%)	3 (4.3%)	1 (1.3%)	0 (0.0%)	0.427
Dengue symptoms					
Knows any symptom					0.048
Fever and other symptom/s	84 (45.4%)	37 (53.6%)	36 (45.0%)	11 (30.6%)	
Fever only	47 (25.4%)	19 (27.5%)	20 (25.0%)	8 (22.2%)	
None	54 (29.2%)	13 (18.8%)	24 (30.0%)	17 (47.2%)	
Fever	131 (70.8%)	56 (81.2%)	56 (70.0%)	19 (52.8%)	0.010
Headache	45 (24.3%)	20 (29.0%)	17 (21.3%)	8 (22.2%)	0.519
Myalgia	42 (22.7%)	22 (31.9%)	15 (18.8%)	5 (13.9%)	0.060
Diarrhea	11 (5.9%)	3 (4.3%)	4 (5.0%)	4 (11.1%)	0.361

¹ n (%); Median (Q1, Q3)² Fisher's exact test; Pearson's Chi-squared test; Kruskal-Wallis rank sum test

Character- istic	Overall N = 188 ¹	CH N = 69 ¹	CS N = 80 ¹	VP N = 39 ¹	p-value ²
Nausea/ vomiting	38 (20.5%)	15 (21.7%)	19 (23.8%)	4 (11.1%)	0.283
Malaise	29 (15.7%)	13 (18.8%)	15 (18.8%)	1 (2.8%)	0.060
Fatigue	34 (18.4%)	21 (30.4%)	11 (13.8%)	2 (5.6%)	0.003
Skin rash	10 (5.4%)	5 (7.2%)	3 (3.8%)	2 (5.6%)	0.640
Hemor- rhage	2 (1.1%)	1 (1.4%)	1 (1.3%)	0 (0.0%)	>0.999
In- fluenza-like symptoms	18 (9.7%)	10 (14.5%)	7 (8.8%)	1 (2.8%)	0.168
Dizziness	14 (7.6%)	5 (7.2%)	8 (10.0%)	1 (2.8%)	0.478
Retro-or- bital pain	4 (2.2%)	1 (1.4%)	2 (2.5%)	1 (2.8%)	>0.999
Ways of transmis- sion					
Mosquito bites	163 (88.1%)	58 (84.1%)	76 (95.0%)	29 (80.6%)	0.027
Water containers	12 (6.5%)	1 (1.4%)	8 (10.0%)	3 (8.3%)	0.069
Travel to endemic ar- eas	1 (0.5%)	0 (0.0%)	1 (1.3%)	0 (0.0%)	>0.999
Doesn't know any way of transmis- sion	20 (10.8%)	10 (14.5%)	3 (3.8%)	7 (19.4%)	0.012
Knowledge score	4.00 (2.50, 4.00)	4.00 (3.00, 5.00)	4.00 (3.00, 4.00)	2.00 (2.00, 4.00)	<0.001

¹ n (%); Median (Q1, Q3)

² Fisher's exact test; Pearson's Chi-squared test; Kruskal-Wallis rank sum test

S3 Table. Perceptions of the risk of dengue compared to leptospirosis among participants (n = 188)

Character- istic	Overall N = 188¹	CH N = 69¹	CS N = 80¹	VP N = 39¹	p-value²
Most fear of conta- gion					0.6
Dengue	28 (15.1%)	13 (18.8%)	11 (13.8%)	4 (11.1%)	
Lep- tospir- osis	73 (39.5%)	29 (42.0%)	33 (41.3%)	11 (30.6%)	
Both	60 (32.4%)	18 (26.1%)	27 (33.8%)	15 (41.7%)	
None/not sure	24 (13.0%)	9 (13.0%)	9 (11.3%)	6 (16.7%)	
More risk of infec- tion					<0.001
Dengue	98 (53.0%)	45 (65.2%)	44 (55.0%)	9 (25.0%)	
Lep- tospir- osis	43 (23.2%)	5 (7.2%)	18 (22.5%)	20 (55.6%)	
Both	25 (13.5%)	9 (13.0%)	12 (15.0%)	4 (11.1%)	
None/not sure	19 (10.3%)	10 (14.5%)	6 (7.5%)	3 (8.3%)	
Higher prevalence					<0.001
Dengue	93 (50.3%)	50 (72.5%)	34 (42.5%)	9 (25.0%)	
Lep- tospir- osis	43 (23.2%)	7 (10.1%)	19 (23.8%)	17 (47.2%)	
Both	21 (11.4%)	5 (7.2%)	11 (13.8%)	5 (13.9%)	
None/not sure	28 (15.1%)	7 (10.1%)	16 (20.0%)	5 (13.9%)	
More pub- licity					0.005
Dengue	115 (62.2%)	53 (76.8%)	48 (60.0%)	14 (38.9%)	

¹ n (%)

² Fisher's Exact Test for Count Data with simulated p-value (based on 2000 replicates); Pearson's Chi-squared test

Character- istic	Overall N = 188¹	CH N = 69¹	CS N = 80¹	VP N = 39¹	p-value²
Lep- tospiriosis	14 (7.6%)	2 (2.9%)	5 (6.3%)	7 (19.4%)	
Both	26 (14.1%)	5 (7.2%)	15 (18.8%)	6 (16.7%)	
None/not sure	30 (16.2%)	9 (13.0%)	12 (15.0%)	9 (25.0%)	
Any dengue symptom	130 (69.1%)	46 (66.7%)	58 (72.5%)	26 (66.7%)	0.7
Headache	76 (40.4%)	23 (33.3%)	36 (45.0%)	17 (43.6%)	0.3
Myalgia	71 (37.8%)	26 (37.7%)	30 (37.5%)	15 (38.5%)	>0.9
Diarrhea/ vomiting	28 (14.9%)	8 (11.6%)	13 (16.3%)	7 (17.9%)	0.6
Skin rash	20 (10.6%)	8 (11.6%)	10 (12.5%)	2 (5.1%)	0.5
Malaise	57 (30.3%)	18 (26.1%)	28 (35.0%)	11 (28.2%)	0.5
Fever	19 (10.1%)	5 (7.2%)	8 (10.0%)	6 (15.4%)	0.4
Action taken					0.3
Sought medical care	61 (48.4%)	23 (52.3%)	30 (52.6%)	8 (32.0%)	
Self-med- icated	32 (25.4%)	9 (20.5%)	14 (24.6%)	9 (36.0%)	
None	31 (24.6%)	10 (22.7%)	13 (22.8%)	8 (32.0%)	
Other/s	2 (1.6%)	2 (4.5%)	0 (0.0%)	0 (0.0%)	
Issues with the neigh- borhood	172 (91.5%)	56 (81.2%)	78 (97.5%)	38 (97.4%)	0.002
Dengue as an issue in the neigh- borhood	8 (4.3%)	3 (4.3%)	3 (3.8%)	2 (5.1%)	>0.9

¹ n (%)

² Fisher's Exact Test for Count Data with simulated p-value (based on 2000 replicates);
Pearson's Chi-squared test

Character- istic	Overall N = 188 ¹	CH N = 69 ¹	CS N = 80 ¹	VP N = 39 ¹	p-value ²
Neigh- borhood improve- ments	76 (40.4%)	51 (73.9%)	19 (23.8%)	6 (15.4%)	<0.001

¹ n (%)

² Fisher's Exact Test for Count Data with simulated p-value (based on 2000 replicates);
Pearson's Chi-squared test

