

ANNEX I: Variables used for evaluating rodent infestation across the study areas

Variables	Area 1 (n=57)	Area 2 (n=65)	Area 3 (n=67)	Area 4 (n=96)	Area 5 (n=59)	Area 6 (n=46)	Area 7 (n=67)
	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)
Premise Type							
Commercial food	8 (14%)	1 (1.5%)	7 (10%)	5 (5%)	2 (3%)	4 (9%)	7 (10%)
Commercial	9 (16%)	9 (14%)	22 (33%)	37 (39%)	16 (27%)	12 (26%)	13 (19%)
Commercial & Residential	7 (12%)	1 (1.5%)	1 (1%)	3 (3%)	7 (12%)	3 (7%)	6 (9%)
Residential	32 (56%)	53 (81.5%)	34 (51%)	51 (53%)	33 (56%)	27 (58%)	41 (61%)
Vacant lot	1 (2%)	1 (1.5%)	3 (5%)	0 (0%)	1 (2%)	-	-
Proximity to sewers	56 (98%)	30 (46%)	65 (97%)	91 (95%)	50 (85%)	5 (11%)	3 (4%)
Residence with unapproved refuse storage	23 (40%)	27 (42%)	32 (48%)	22 (23%)	16 (27%)	5 (11%)	8 (12%)
Exposed garbage	21 (37%)	29 (45%)	26 (39%)	13 (14%)	12 (20%)	19 (41%)	33 (49%)
Animal food	12 (21%)	25 (37%)	14 (21%)	9 (9%)	7 (12%)	11 (24%)	8 (12%)
Other sources of food	11 (19%)	37 (57%)	17 (25%)	5 (5%)	2 (3%)	29 (63%)	48 (71%)
Standing water	3 (5%)	15 (23%)	5 (7%)	-	-	2 (4%)	-
Leaks	3 (5%)	6 (9%)	6 (9%)	1 (1%)	1 (2%)	3 (7%)	5 (7%)
Abandoned vehicle	10 (18%)	17 (25%)	19 (28%)	20 (21%)	22 (37%)	9 (20%)	15 (22%)
Bulk waste	11 (19%)	35 (52%)	20 (29%)	12 (12%)	9 (15%)	20 (43%)	35 (51%)
Construction materials	18 (32%)	36 (55%)	29 (43%)	16 (17%)	6 (10%)	26 (57%)	40 (60%)
Privies	17 (30%)	6 (9%)	15 (22%)	13 (14%)	7 (12%)	-	2 (3%)
Overgrown vegetation	24 (42%)	19 (29%)	21 (31%)	15 (16%)	20 (34%)	18 (39%)	32 (48%)
Structural deficiencies	14 (25%)	21 (32%)	14 (21%)	6 (6%)	3 (5%)	5 (11%)	18 (27%)
Pipe or wiring gaps	8 (14%)	14 (22%)	10 (15%)	1 (1%)	1 (2%)	8 (17%)	17 (25%)

NB: Boldened variables had p-value of ≤ 0.15 and were considered for the final model selection