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2 **Household Hygiene Behaviors, Perceived Responsibility for Vector Control, and Vulnerability to**  
3 **Rat and Mosquito Sightings in Disadvantaged Urban Communities**

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10 **Supplementary Material I: Sample of the survey questionnaire**

<b>A. General demographics information</b>	
1. Neighborhood	i. Nova Sussuarana; ii. Arenoso; iii. St. Ignatius Garden; iv. Calabetão
2. Interviewer(s) Initials	
3. Date of collect	
4. Family/participant situation	i. Already participated in at least one of the previous study campaign; ii. Recently moved to the neighborhood and have never participated in any previous campaign.
5. Do you agree to participate and respond to answer the following single-study survey questions - <b>open if Q4 = i</b>	i. Yes; ii. No; iii. Not found; iv. Access no possible
6. How long have you lived in the community?	i. Less than 6 months; ii. 6-12 months; iii. 1-2 years; iv. 1-2 years; v. More than 3 years
7. Number of people currently living in the household.	<i>to be provided by the interviewee</i>
8. Gender of the head of household	i. Male; ii. Female; iii. Other
9. Marital status of the head of the family	i. Married; ii. Single; iii. Separated; iv. Widowed ; Other
10. Age of the head of the family	<i>to be provided by the interviewee</i>
11. Current occupation of the head of the family	i. Formal worker; ii. Informal worker; iii. Retired ; iv. Unemployed

12. Highest level of education of the head of the family	i. Literacy; ii. Secondary education iii. Fundamental I iv. Fundamental II v. Incomplete higher education vi. Completed higher education vii. Master's degree; viii. Don't know/no answer ix. Never found
13. Current average monthly income of the head of household.	<i>to be provided by the interviewee</i>
14. Current average monthly income of the entire family.	<i>to be provided by the interviewee</i>
<b>B. General residents' waste disposal practices and backyard use</b>	
15. Presence of solid waste in the backyard? <b>(interviewer must inspect)</b>	i. No; ii. Yes
16. What is the main use of your backyard? <b>(interviewer must inspect)</b>	i. Gardening; ii. Storage of items, i.e., tools, old furniture, etc.; iii. Disposal of household waste; iv. Recreational purposes; v. Other
17. Waste storage prior to final disposal <b>(interviewer must inspect)</b>	i. Open trash can; ii. Covered trash can; iii. Open sack bag; iv. Closed sack bag
18. What method is used for the final disposal of waste?	i. Municipal pickup; ii. Deposited in the community's central waste container; iii. Others
19. What types of waste are most challenging to manage in your backyard?	i. Solid waste; ii. Glass; iii. Electronics and batteries; iv. Others
20. Does your community have a central waste container? How far is it from your home?	i. Yes, it's less than 30 m away; ii. Yes, but a little further away, between 30-40 m; iii. Yes, but very far away - more than 40 m; iv. No, we don't have any.
<b>C. Assessment of rat and mosquito proliferation and residents' perception post-pest sightings</b>	
21. In the last year, how often have you seen rats in or around your house?	i. Daily; ii. Sometimes (a few times a week-i.e. $\geq 3X$ ); iii. Rarely (I see it a few times a month); iv. Never
22. In the last year, how often have you seen mosquitoes in or around your home?	i. Daily; ii. Sometimes (a few times a week-i.e. $\geq 3X$ ); iii. Rarely (I see it a few times a month); iv. Never
23. How do you feel when you see rats in your surroundings?	i. It's nothing; ii. A normal part of life; iii. Fear/Anxiety; iv. Anger;

	v. Helplessness; vi. Neutral/no opinion
24. How do you feel when you see mosquitoes around you?	i. It's nothing; ii. A normal part of life; iii. Fear/Anxiety; iv. Anger; v. Helplessness; vi. Neutral/no opinion
25. Have you participated in or heard of any community awareness programs that promote hygiene and household sanitation?	i. No; ii. Yes
<b>D. Residents' backyards hygiene condition and pest prevention.</b>	
26. How would you rate the condition of the backyard?	i. Clean; ii. Unclean
27. Are you concerned about the state of your backyard?	i. Always; ii. Sometimes
28. Lack of time as a factor preventing you from keeping your backyard clean?	i. No; ii. Yes
29. Lack of health awareness program as a barrier preventing you from keeping your backyard clean?	i. No; ii. Yes
30. What actions did you take to control rats?	i. Capture; ii. Rat poison; iii. Habitat modification, i.e., sealing holes or cracks in the house; iv. improved sanitation, i.e., removal of food and water sources;
31. What actions did you take to control mosquitoes?	i. Use of mosquito nets; ii. Use of mosquito repellents; iii. Habitat modification, i.e., installation of nets on windows; iv. improved sanitation, i.e., removal of cans and stagnant water
<b>E. Perceptions about responsibility of pest control.</b>	
32. Who do you think is responsible for controlling rats and mosquitoes in your community?	i. Individual, that is, each household; ii. The community; iii. The governor