**Questionnaire IRiS P&G quartet**

1. Which gender do you identify as?
2. Male
3. Female
4. Transgender
5. Other
6. Prefer not to say

1. What is your age?
2. 15-25
3. 26-34
4. 35-45
5. 46-55
6. 55+

1. What is your marital status?
2. married
3. living with a partner
4. single
5. divorced
6. separated

1. Who do you live with?
2. With my significant other
3. With 1-2 roommates
4. With 2-3 roommates
5. Live alone
6. With a family of less than equal to 4
7. With a family of greater than 4

5. Including yourself, how many individuals of different age groups are there in your household?

1. One above 18
2. Two or more above 18
3. One below 18
4. Two or more below 18

6. What is the highest level of formal education you have completed?

1. Grade school or less
2. High school graduate
3. 2 years college
4. 4 years college
5. Postgraduate

1. What race do you consider yourself?
2. White
3. Black or African American
4. Native American
5. East Asian
6. South Asian
7. Hispanic
8. Other

1. What religion do you align with?
2. Christians
3. Muslim
4. Hindu
5. Jewish
6. Buddhist
7. Other Religion

1. What is your current employment status?
2. Full time
3. Part time
4. Self employed
5. Student
6. Homemaker
7. Retired
8. Not employed

1. How frequently do you find yourself without toilet paper in the bathroom when you need it?
2. Never
3. Rarely
4. Occasionally
5. Frequently
6. Always

1. How many times were you the one responsible for NOT replacing the toilet paper?
2. Never
3. Rarely
4. Occasionally
5. Frequently
6. Always

1. If you had instances of not changing the toilet paper, why have you not changed it? (Please choose all options that are applicable)
2. I thought someone else would change it.
3. It is not my responsibility
4. I am just too lazy to change it
5. I forgot
6. The new roll at my place is far from the washroom
7. It is too complicated; I don’t know how to change it.
8. I hate people I live with, and this is my way to take revenge.
9. I had to use innovative strategies to clean myself up last time as someone did not change the roll last time. So, this is payback time.

1. How often do you use a mobile phone when in the washroom?
2. Never
3. Rarely
4. Occasionally
5. Frequently
6. Always

1. How likely are you to forget changing a toilet paper roll if you were using a mobile phone while in the Bathroom
2. Always change it, no matter what I was doing
3. I forget to change every time
4. Sometimes, I might forget
5. Do you think changing toilet paper roll and performing other household tasks is a gendered responsibility?
6. Yes, women should be the one doing these tasks
7. Yes, Men should be doing these tasks.
8. No, gender has nothing to do with household responsibilities like changing a roll.

16. How often do you have trouble changing the toilet paper roll because the holder seems complicated?

a. Never

b. Often

c. Sometimes

d. Always

17. Which of these holders are you most likely to replace a toilet paper on? 1- Most Likely 5 -least likely.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| A close-up of a metal holder  Description automatically generated | A black metal holder on a white surface  Description automatically generated | A roll of toilet paper on a holder  Description automatically generated | A close-up of a white object  Description automatically generated | A silver metal object with a metal handle  Description automatically generated with medium confidence |
|  |  |  |  |  |

18. Where do you generally store the extra toilet paper roll?

1. Right beside the toilet seat
2. A few meters away from the toilet seat, inside the bathroom.
3. Outside the bathroom
4. Above the toilet seat

19. In a restroom with multiple toilet paper rolls placed at varying distances, if the toilet paper is placed closer to the seat are you more likely to replace it?

* Yes, I find it efficient, as I have to move less distance to change it.
* No, I find it unnecessary as the toilet paper is close to the seat the person can just replace it after they are done.

20.  In a restroom with multiple toilet paper rolls placed at varying distances, if the toilet paper is placed farther away from the seat are you more likely to replace it?

* Yes, I realize that the next person wouldn’t have the toilet paper closer to the seat and I will replace it.
* No, I find it challenging as the toilet paper is farther away and I don’t have the time to replace it.

21. How does the presence of multiple toilet paper rolls influence your approach to replacing them?

* I would appreciate having multiple rolls nearby as it ensures a quick and convenient replacement process.
* I like having multiple rolls near gives me a sense of preparedness, reducing any potential stress related to replacements.
* The availability of multiple rolls farther away encourages me to consider the next person more and plan before initiating replacements.
* I prefer having a single, easily accessible roll, as it minimizes decision-making and simplifies/standardizes the replacement process.

22. How do you perceive the act of changing the toilet paper?

23. How do you think the structure of your family, such as the division of responsibilities, affects your attitude towards tasks like changing the toilet paper?

24. Consider a scenario: you wake up in the middle of the night to use the washroom. After cleaning up yourself you realize you are out of toilet paper. You are extremely sleepy and want to go back to bed. But seeing that you are out of toilet paper concerns you a little. How would you respond in this situation?

1. I would just change the toilet paper. It only takes a minute
2. I would go back to sleep and worry about it later.
3. Not a problem, I can go back to sleep and someone else would replace it the next day.
4. I would go to sleep but make sure I replace it the first thing in the morning. So that others can use it without any problems.

25. Consider a scenario: On a usual morning with a lot of things to do you find yourself running out of toilet paper in your washroom. How would you respond in this scenario?

1. I will replace the toilet roll.
2. I don’t think I will replace it in the morning. I will probably wait till I have more leisure time to replace it.
3. Some other person can replace it when they want to use the washroom.

26. Scenario: You use the washroom and find that you don’t have any rolls to clean up and your roommate/ partner did not change it after they used it. On a scale of 1-10 rate each of the possible responses below-

1. I will not replace the roll next time we run out so that they experience the discomfort.
2. I will stop buying rolls for both of us and use my personal rolls from now on.
3. I will talk to them and make sure they take up this responsibility.
4. I have seen this happen before and I have given up. I just change it every time myself.

27. Rank on a scale of 1-10 where 10 is most likely to replace toilet paper and 1 is never going to replace toilet paper

* It's a lazy Sunday afternoon, and you've just used the last of the toilet paper. On a scale of 1-10, how likely are you to replace it immediately?
* You have guests over, and they've used the last of the toilet paper. On a scale of 1-10, how likely are you to replace it promptly to ensure a comfortable experience for your guests?
* In a shared living arrangement, you and your housemates have agreed to share responsibilities. On a scale of 1-10, how likely are you to fulfill your commitment by promptly replacing the toilet paper when needed?
* Consider the act of replacing the toilet paper as a symbolic representation of taking responsibility. On a scale of 1-10, how likely are you to associate this small task with broader aspects of personal accountability?
* After taking a shower, you realize there is no toilet paper how likely are you to replace the toilet paper roll before leaving the bathroom?
* Your spouse communicates the importance of maintaining a stocked toilet paper roll. On a scale of 1-10, how likely are you to heed their request?
* You and your spouse discuss the possibility of transitioning to a bidet or alternative method as you all are fighting a lot on replacement of toilet paper. On a scale of 1-10, how likely are you to explore and adopt this change based on convenience and hygiene considerations?
* Imagine the integration of a smart toilet paper holder that provides automatic reminders. On a scale of 1-10, how likely are you to embrace such technological solutions to streamline the replacement process?
* On a scale of 1-10, how likely are you to view the prompt replacement of toilet paper as a small but meaningful step in personal development and household responsibility?