Victoria University Of Bangladesh

Course title ~ TMGT 305

Bachelor of Tourism & Hotel Management

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Program - BTHM

1.

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Measuring attitudes is a fundamental aspect of social and psychological research. Several techniques are commonly used to assess attitudes. Here are some of the most prevalent methods:

1. Self-Report Measures: These involve direct questioning or rating scales, where individuals provide their attitudes through verbal or written responses. Likert scales, semantic differential scales, and visual analog scales are frequently employed in self-report measures.
2. Observational Measures: Attitudes can also be inferred through observations of behavior or non-verbal cues. For example, researchers may examine facial expressions, body language, or physiological responses like heart rate or skin conductance to gauge implicit attitudes.
3. Implicit Measures: These techniques assess attitudes indirectly by measuring automatic or unconscious associations. Implicit Association Test (IAT) is one such method that measures the strength of associations between different concepts to infer implicit biases.

4. Physiological Measures: Psychophysiological responses, such as electroencephalography (EEG), functional magnetic resonance imaging (fMRI), or eye-tracking, can provide insights into attitudes. These measures examine brain activity, eye movements, or physiological changes in response to specific stimuli.
5. Projective Techniques: These methods involve presenting ambiguous stimuli, such as inkblots or incomplete sentences, and individuals are asked to interpret them. The responses are believed to reveal underlying attitudes or personality traits indirectly.
6. Behavioral Measures: Attitudes can be inferred from people's actions or behaviors. Researchers may observe and record behaviors in specific situations to assess how attitudes influence decision-making, choices, or interactions.

It is important to note that each technique has its strengths and limitations. Researchers often use a combination of methods to obtain a comprehensive understanding of attitudes, considering both explicit and implicit aspects.

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The two basic types of questionnaires are:

1. Open-Ended Questionnaires: These questionnaires allow respondents to provide open, unrestricted responses in their own words. Participants are not constrained by predetermined response options and have the freedom to express their thoughts, feelings, and opinions.

Merits of Open-Ended Questions:

- Rich and detailed responses: Open-ended questions encourage participants to provide detailed and nuanced answers, allowing researchers to gain a deeper understanding of participants' thoughts and perspectives.
- Flexibility: Respondents can express their thoughts in their own words, enabling them to communicate their unique experiences and viewpoints.
- Unexpected insights: Open-ended questions may uncover insights or perspectives that researchers may not have anticipated, providing valuable and original information.
- Useful for exploratory research: These questions are particularly valuable in the early stages of research when the goal is to explore and generate hypotheses or to gather qualitative data.

Demerits of Open-Ended Questions:

- Time-consuming analysis: Analyzing open-ended responses can be time-consuming and labor-intensive, as each response needs to be read, categorized, and coded.

- Lack of standardization: Since respondents provide their own answers, the lack of predetermined response options can make it challenging to compare or quantify responses across participants.
- Possible bias: The interpretation and analysis of open-ended responses may be influenced by the researcher's subjectivity and potential bias.
- Respondent fatigue: Long open-ended questionnaires may lead to respondent fatigue, as individuals may find it mentally exhausting to provide lengthy, detailed responses to multiple questions.

It's important to note that open-ended questions are often used in combination with closed-ended questions (which provide predefined response options) to gather a range of qualitative and quantitative data and to strike a balance between depth and efficiency in data collection.

2.

Attitude: An attitude refers to a person's general evaluation, belief, or disposition towards an object, person, group, or concept. It involves a combination of cognitive, affective, and behavioral components and influences how individuals perceive, think, and respond to the target of their attitude.

Ranking: Ranking is a technique used to order or prioritize items or options based on a specific criterion. Respondents are asked to arrange a set of items in a specific order, indicating their preferences or priorities.

Rating: Rating involves assigning a value or score to an item, object, or concept based on a specific scale. Respondents provide their evaluation or judgment by selecting or indicating a numerical value that represents their perception or opinion.

Techniques for Measuring Attitudes:

1. Self-Report Measures: These are questionnaires or surveys where individuals provide direct ratings or rankings of their attitudes using standardized scales, such as Likert scales or semantic differential scales.
2. Observational Measures: Attitudes can be inferred through observing and analyzing individuals' behavior, non-verbal cues, or physiological responses in specific situations. For example, researchers may observe facial expressions, body language, or physiological indicators like heart rate or skin conductance to assess implicit attitudes.
3. Implicit Measures: These techniques assess attitudes indirectly, aiming to uncover unconscious or automatic associations. The Implicit Association Test (IAT) is a widely used method that

measures the strength of associations between concepts to infer implicit biases or attitudes.

4. Physiological Measures: Psychophysiological responses, such as brain activity (e.g., EEG, fMRI), eye movements (e.g., eye-tracking), or autonomic nervous system responses (e.g., skin conductance), can provide insights into attitudes. These measures examine neural or physiological changes in response to specific stimuli.
5. Behavioral Measures: Attitudes can be assessed by examining individuals' behaviors and choices in real-life or simulated scenarios. Researchers may observe and record actions, decision-making processes, or interactions to understand how attitudes influence behavior.
6. Projective Techniques: These methods use ambiguous stimuli, such as inkblots or incomplete sentences, to elicit participants' responses that indirectly reveal their attitudes or personality traits. The interpretation of the responses requires expertise in analyzing symbolic or metaphorical meanings.

It is common to use a combination of these techniques to obtain a comprehensive understanding of attitudes, considering both explicit (self-reported) and implicit (indirect) aspects. Researchers select the most

appropriate methods based on the research objectives, context, and available resources.

3.

Open-ended Question: An open-ended question is a type of question that allows respondents to provide their own, unrestricted responses in their own words. It does not provide predetermined response options and allows individuals to express their thoughts, feelings, or opinions freely.

Closed-ended Question: A closed-ended question is a type of question that provides predefined response options for respondents to choose from. It restricts the possible answers to a predetermined set of choices or a Likert scale.

Merits of Open-Ended Questions:

- Rich and detailed responses: Open-ended questions encourage respondents to provide detailed and nuanced answers, allowing researchers to gain a deeper understanding of participants' thoughts and perspectives.
- Flexibility: Respondents can express their thoughts in their own words, enabling them to communicate their unique experiences and viewpoints.

- Unexpected insights: Open-ended questions may uncover insights or perspectives that researchers may not have anticipated, providing valuable and original information.
- Useful for exploratory research: These questions are particularly valuable in the early stages of research when the goal is to explore and generate hypotheses or to gather qualitative data.

Demerits of Open-Ended Questions:

- Time-consuming analysis: Analyzing open-ended responses can be time-consuming and labor-intensive, as each response needs to be read, categorized, and coded.
- Lack of standardization: Since respondents provide their own answers, the lack of predetermined response options can make it challenging to compare or quantify responses across participants.
- Possible bias: The interpretation and analysis of open-ended responses may be influenced by the researcher's subjectivity and potential bias.
- Respondent fatigue: Long open-ended questionnaires may lead to respondent fatigue, as individuals may find it mentally exhausting to provide lengthy, detailed responses to multiple questions.

It's important to note that open-ended questions are often used in combination with closed-ended questions (which provide predefined response options) to gather a range of qualitative and quantitative data and to strike a balance between depth and efficiency in data collection.

4.

Census: A census is a research method that involves collecting data from every member of the population of interest. It aims to gather information from the entire target population, leaving no individual or unit unaccounted for. Conducting a census provides a complete and accurate representation of the population, but it can be time-consuming, costly, and logistically challenging, especially for large populations.

Sampling Method: Sampling is a research technique that involves selecting a subset of individuals or units from a larger population for the purpose of studying and making inferences about the population as a whole. Instead of collecting data from the entire population, researchers focus on gathering information from a representative sample, which is a smaller, manageable subset of the population. Sampling allows for more efficient data collection while still providing reliable estimates and generalizability.

Types of Sampling Methods:

1. Simple Random Sampling: In this method, each member of the population has an equal chance of being selected for the sample. It involves randomly selecting individuals or units without any specific criteria or characteristics. Simple random sampling ensures every individual has an equal probability of inclusion, minimizing bias.
2. Stratified Sampling: Stratified sampling involves dividing the population into distinct subgroups or strata based on relevant characteristics (e.g., age, gender, location) and then randomly sampling from each stratum in proportion to its size. This method ensures representation from different subgroups and allows for comparisons between them.
3. Cluster Sampling: Cluster sampling involves dividing the population into clusters or groups (e.g., geographical regions, schools, households) and randomly selecting a few clusters. All individuals within the selected clusters are included in the sample. Cluster sampling is useful when it is logistically impractical or costly to sample individuals directly.
4. Systematic Sampling: Systematic sampling involves selecting every nth individual from a population after randomly selecting a starting point. For example, if the sampling interval is 5, every 5th individual is

selected. Systematic sampling is simple to implement and provides a representative sample when there is no hidden pattern or periodicity in the population.

5. Convenience Sampling: Convenience sampling involves selecting individuals who are readily available or easily accessible to the researcher. This method is convenient but may introduce bias since individuals are chosen based on convenience rather than being representative of the population.
6. Purposive Sampling: Purposive sampling involves deliberately selecting individuals who possess specific characteristics or expertise relevant to the research objectives. Researchers use judgment to choose participants who can provide the most relevant and informative data. However, this method may introduce bias as it relies on the researcher's discretion.
7. Snowball Sampling: Snowball sampling is used when the target population is difficult to reach or locate. It involves initially selecting a few participants who meet the research criteria and then asking them to refer other potential participants. The process continues, and the sample size grows like a snowball. This method is useful for studying hidden or hard-to-reach populations.

Each sampling method has its strengths and limitations, and the choice depends on factors such as research objectives, population characteristics, resources, and feasibility. The goal is to select a sample that is representative, minimizes bias, and allows for valid inferences about the larger population.