NORTH CAROLINA A&T
STATE UNIVERSITY

Default Question Block

Welcome to The Research Study!

Title of Study: Evaluating Privacy-Enhanced Statistical Techniques for Sensitive Data Collection on AI Use and Academic Integrity Among Undergraduate Students

Thank you for your interest in our research study that aims to test the efficacy of specialized statistical techniques for collecting and analyzing data about students' behaviors related to academic integrity. The procedure involves completing a survey that will take less than 10 minutes. Through your participation, we hope to evaluate the effectiveness of the statistical methods studied in this project. You must be at least 18 years old to participate.

To protect your confidentiality, the survey will not contain information that will personally identify you, and I will not ask for your name. All information collected in this study will

be kept completely confidential to the extent permitted by law.

This study has been approved by the Institutional Review Board (IRB) at North Carolina A&T State University.

Your participation is voluntary, and there is no penalty if you do not participate. You may stop the survey at any time or skip any questions you do not wish to answer.

Questions about the Study: If you have any questions about this survey or the study in general, you may contact the Principal Investigator (Dr. Sayed Mostafa) at (336) 285-3104 or via email at sabdelmegeed@ncat.edu. If you have any study-related concerns or any questions about your rights as a participant in the study, you may call the Office of Research Compliance and Ethics at North Carolina A&T State University at (336) 285-3179 or email rescomp@ncat.edu.

By clicking the button below, you acknowledge that
• Your participation in the study is voluntary,
• You are 18 years of age or older, and
• You are aware that you may choose to terminate your participation at any time for any reason.

Consent:

○ I voluntarily consent to participate in this study

○ I don't consent to participate in this study

Section 1: Demographics

I am

○ Male

○ Female

○ Prefer not to say

I am

○ a first-generation college student

○ NOT a first-generation college student

What is your high school Grade Point Average (GPA) on a 4.0 scale? If your school used a 5.0 scale, multiply your GPA by 0.8 to put it on a 4.0 scale.

○ Below 1.00

○ 1.00 – 1.99

○ 2.00 – 2.99

○ 3.00 – 4.00

○ Don't know

○ Prefer not to say

What is your classification?

○ Freshman

○ Sophomore

○ Junior

○ Senior

I am

○ a Science, Technology, Engineering, or Mathematics (STEM) major

○ NOT a Science, Technology, Engineering, or Mathematics (STEM) major

I consider my family

○ Working Class

○ Lower Middle Class

○ Middle Class

○ Upper Middle Class

○ Wealthy Class

Section 2: Time Management and Resources

On average, how many hours do you study each week (including the time doing homework)?

○ 1 – 5 hours

○ 6 – 10 hours

○ 11 – 15 hours

○ 16 – 20 hours

○ More than 20 hours

On average, how many hours of sleep do you get each night?

○ 1 – 3 hours

○ 4 – 6 hours

○ 7 – 9 hours

○ More than 9 hours

On average, how many hours do you work each week?

○ 0 hours (don't work)

○ 1 – 5 hours

○ 6 – 10 hours

○ 11 – 15 hours

○ 16 – 20 hours

○ More than 20 hours

On average, how many hours do you spend engaging in extracurricular activities (e.g. clubs, organizations, sports, band, etc.) each week?

○ 0 hours (don't engage in extracurricular activities)

○ 1 – 5 hours

○ 6 – 10 hours

○ 11 – 15 hours

○ 16 – 20 hours

○ More than 20 hours

On a scale from 1-5, how would you describe your time management skills?

○ Poor (1)

○ Fair

○ Okay

○ Good

○ Excellent (5)

Do you believe your class/university provides sufficient resources to help you with your coursework?

○ Yes

○ No

Do you believe your professors give you enough time to complete your assignments?

○ Yes

○ No

Section 3: Academic Behaviors (Crosswise Model)

Please read the directions below before answering the following questions:

Each of the following questions contains a pair of statements. In your head, answer "True" or "False" to each

statement in the pair. Once you have your answers, mark either (a) or (b) based on the following criteria:

Mark (a) if you answered "True" to both statements or "False" to both statements
Mark (b) if you answered "True" to one of the statements and "False" to the other statement

Note that this approach does not reveal your response to any of the two statements specifically.

For the next question, please memorize one number from the following list.

| 19 | 51 | 67 | 84 | 32 |

How many of the following statements are true?

Statement A: During your time in college, you have used generative AI tools (e.g. ChatGPT, Gemini, Preplexity, Claude, Copilot, etc.) to cheat on an assignment or a test where AI tools were not allowed per the course policy.

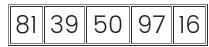**Statement B**: The number you selected from the list on the previous page is included in the set below.

| 62 | 44 | 8 | 19 | 93 |

○ (a) **Both** statements are true, or **neither** statement is true.

○ (b) **Only one** statement is true.

For the next question, please memorize one number from the following list.

| 73 | 26 | 81 | 68 | 45 |

How many of the following statements are true?

Statement A: During your time in college, you have paid other individuals (e.g. peers, former students, tutors, etc.) for assignment or test answers.

Statement B: The number you selected from the list on the previous page is included in the set below.

| 81 | 39 | 50 | 97 | 16 |

○ (a) **Both** statements are true, or **neither** statement is true.

○ (b) **Only one** statement is true.

For the next question, please memorize one number from the following list.

| 53 | 14 | 27 | 98 | 72 |

How many of the following statements are true?

Statement A: During your time in college, you have used paid or unpaid online services (e.g. Chegg, Numerade) to access assignment or test answers.

Statement B: The number you selected from the list on the previous page is included in the set below.

| 42 | 36 | 69 | 53 | 71 |

○ (a) **Both** statements are true, or **neither** statement is true.

○ (b) **Only one** statement is true.

For the next question, please memorize one number from the following list.

| 91 | 59 | 47 | 34 | 86 |

How many of the following statements are true?

Statement A: During your time in college, you have used a group chat (e.g. GroupMe) to cheat on an assignment or test. [Note: collaboration on assignments where permitted by the course policy is NOT considered cheating.]

Statement B: The number you selected from the list on the previous page is included in the set below.

| 23 | 34 | 89 | 77 | 56 |

○ (a) **Both** statements are true, or **neither** statement is true.
○ (b) **Only one** statement is true.

For the next question, please memorize one number from the following list.

39	76	95	12	48

How many of the following statements are true?

Statement A: You have used a drone or other remote-controlled device to access answers during a test.

Statement B: The number you selected from the list on the previous page is included in the set below.

83	21	60	4	76

- ( ) (a) **Both** statements are true, or **neither** statement is true.
- ( ) (b) **Only one** statement is true.

Section 4: Social Norms

During your time in college, how often have you seen other students use generative AI tools (e.g. ChatGPT, Gemini,

Preplexity, Claude, Copilot, etc.) to cheat on assignments or tests where AI tools were not allowed per the course policy?

○ Never

○ Rarely

○ Sometimes

○ Often

○ Very Often

During your time in college, how often have you seen other students cheat on assignments or tests by seeking help from peers, former students, or tutors?

○ Never

○ Rarely

○ Sometimes

○ Often

○ Very Often

During your time in college, how often have you seen other students use online services (e.g. Chegg, Numerade) to cheat on assignments or tests?

○ Never

○ Rarely

○ Sometimes

○ Often

○ Very Often

During your time in college, how often have you seen other students use group chats (e.g. GroupMe) to cheat on assignments or tests? [Note: collaboration on assignments where permitted by the course policy is NOT considered cheating.]

○ Never

○ Rarely

○ Sometimes

○ Often

○ very Often

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