**Codebook**

**Exchange, Relationships and Cheating**

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This document is the codebook for the dataset ‘Cheating’.

The purpose of collecting this dataset was to study cheating behaviour among Singaporean undergraduate students during international exchange. The researchers hypothesized that going on exchange increases the likelihood of cheating for undergraduates involved in an exclusive romantic relationship.

The dataset was collected from 3-24 October 2013 and presents a snap shot of Singapore Management University students in Singapore in approximately October of 2013.

The dataset was collected by Ayesha Iskander, Daphne Lee Mei Zhi, Jastine Goh, Nur Amirah Amirrudin, Pearlyn Neo for the purposes of a Social Networks class project.

This codebook is relatively self-explanatory. It contains (1) an overview of the datasets, (2) the descriptive statistics for the variables, (3) a long description of each variable, and (4) sources for the data.

NOTE: For privacy reasons variable 3 (v3\_going\_on\_exchange\_with\_partner) was deleted to ensure that individuals could not be indirectly identified.

This is a codebook for one dataset: Cheating

For sharing and using this dataset, for private, commercial, or academic purposes, please contact Professor Nicholas Harrigan at [nickharrigan@gmail.com](mailto:nickharrigan@gmail.com) to get permission.

You may cite this dataset as:

Iskander A., Lee, D., Goh, J., Amirrudin, N. A., Neo, P. (2013). *Exchange, Relationships and Cheating.* Dataset. Singapore Management University, Singapore.

1. Brief overview of datasets

The compilation of the dataset

The data was collected from Singapore undergraduate students studying at the five local universities who are in a romantic relationship at the start of the school semester. Two online surveys were designed for (1) students on a local school term and (2) students on international exchange.

Dataset: Cheating, as excel file

File format: Excel 2010 file: .xlsx  
File name: Dataset 4 Cheating as excel file.xlsx  
Data structure:   
 \* 225 x 22 matrix   
 \* 225 rows (participants)  
 \* 22 cols (variables)

2. Descriptive statistics for attribute variables

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable name** | **Type** | **Min** | **Max** | **Mean** | **St. Dev.** | **Non-zero cells** |
| v1 International Exchange | BIN | 0 | 1 | 0.32 | 0.47 | 225 |
| v2 Exclusive one partner relationship before leaving for exchange | BIN | 1 | 1 | 1.00 | 0.00 | 73 |
| v4 Months of relationship before exchange | CONT | 1 | 6 | 4.29 | 1.78 | 73 |
| v5 Exclusive one partner relationship before start of university semester | BIN | 1 | 1 | 1.00 | 0.00 | 152 |
| v6 Months of relationship before semester | CONT | 1 | 6 | 4.08 | 1.91 | 152 |
| v7 Average hours per day of meeting partner | CONT | 1 | 8 | 4.03 | 2.97 | 225 |
| v8 Hours per day of communicating via text chat | CONT | 1 | 8 | 4.57 | 2.71 | 225 |
| v9 Hours per day of communicating via phone or video chat | CONT | 1 | 8 | 3.79 | 3.03 | 225 |
| v10 Partner meeting needs | CONT | 1 | 5 | 3.52 | 1.07 | 225 |
| v11 Satisfaction in Relationship | CONT | 1 | 5 | 4.04 | 1.01 | 225 |
| v12 How often wishing that did not enter relationship | CONT | 1 | 5 | 2.22 | 1.08 | 225 |
| v13 Love for partner | CONT | 1 | 5 | 4.08 | 0.88 | 224 |
| v14 Problems in relationship | CONT | 1 | 5 | 2.99 | 1.00 | 225 |
| v15 Highest level of Intimacy with partner | CONT | 0 | 10 | 7.91 | 2.77 | 225 |
| v16 Intimate contact with another person | BIN | 0 | 1 | 0.19 | 0.39 | 225 |
| v17 No. of people intimate with | CONT | 1 | 47 | 3.71 | 7.91 | 35 |
| v18 Highest level of intimacy with other people | CONT | 0 | 10 | 6.82 | 2.98 | 39 |
| v19 Factors that contribute to behavior | TEXT | - | - | - | - | 36 |
| v20 Gender | BIN | 0 | 1 | 0.55 | 0.50 | 225 |
| v21 Parent's relationship status | BIN | 0 | 1 | 0.79 | 0.41 | 225 |
| v22 Peers/friends/relatives that cheated | BIN | 0 | 1 | 0.66 | 0.47 | 225 |
| v23 Peers/friends/relatives that have been cheated on | BIN | 0 | 1 | 0.75 | 0.43 | 225 |

3. Long descriptions for attribute variables

1. International Exchange

< v1 International Exchange>

This is a binary variable that is equal to 1 if participant has completed a semester of International exchange before and equal to 0 if participant has not.

**Participants who went for international exchange were asked the following:**

1. Exclusive one partner relationship before exchange

<v2 Exclusive one partner relationship before exchange>

This is a binary variable that is equal to 1 if participant was in an exclusive, one-partner relationship the day they left for exchange and equal to 0 if participant was not.

1. Months of relationship before exchange

<v4 Months of relationship before exchange>

This is a continuous variable that is equal 1 if participant has been in the relationship for less than 1 month prior to the start of the exchange, equal to 2 if 1-3 months, equal to 3 if 4-6 months, equal to 4 if 7-9 months, equal to 5 if 9-12 months and equal to 6 if more than 12 months.

**Participants who went for international exchange were asked the following:**

1. Exclusive one partner relationship before start of university semester

<v5 Exclusive one partner relationship before start of university semester >

This is a binary variable that is equal to 1 if participant was in an exclusive, one-partner relationship prior to the start of the semester and equal to 0 if participant was not.

1. Months of relationship before semester

<v6 Months of relationship before semester>

This is a continuous variable that is equal 1 if participant has been in the relationship for less than 1 month prior to the start of the semester, equal to 2 if 1-3 months, equal to 3 if 4-6 months, equal to 4 if 7-9 months, equal to 5 if 9-12 months and equal to 6 if more than 12 months.

**The following variables are the same for participants who went for exchange or had a local term:**

1. Average hours per day of meeting

<v7 Average hours per day of meeting>

This is a continuous variable that is equal 1 if participants meets partner on average for 0 hours per day, equal to 2 if 1-2 hours, equal to 3 if 3-4 hours, equal to 4 if 5-8 hours, equal to 5 if 9-12 hours, equal to 6 if 13-16 hours, equal to 7 if 16-20 hours and equal to 8 if more than 20 hours.

1. Hours per day of communicating via text chat

< v8 Hours per day of communicating via text chat >

This is a continuous variable that is equal 1 if participant communicates via text based electronic medium like Whatsapp, SMS or Facebook chat on an average of 0 hours per day, equal to 2 if 1-2 hours, equal to 3 if 3-4 hours, equal to 4 if 5-8 hours, equal to 5 if 9-12 hours, equal to 6 if 13-16 hours, equal to 7 if 16-20 hours and equal to 8 if more than 20 hours.

1. Hours per day of communicating via phone or video chat

< v9 Hours per day of communicating via phone or video chat>

This is a continuous variable that is equal 1 if participant communicates via video chat based electronic medium like Skype on an average of 0 hours per day, equal to 2 if 1-2 hours, equal to 3 if 3-4 hours, equal to 4 if 5-8 hours, equal to 5 if 9-12 hours, equal to 6 if 13-16 hours, equal to 7 if 16-20 hours and equal to 8 if more than 20 hours.

1. Partner meeting needs

< v10 Partner meeting needs>

This is a continuous variable that is equal 1 if partner poorly meets the participant’s needs and equal to 5 if excellent.

1. Satisfaction in Relationship

< v11 Satisfaction in Relationship>

This is a continuous variable that is equal 1 if participant is unsatisfied with his/her relationship and equal to 5 if satisfied.

1. How often wishing that did not enter

< v12 How often wishing that did not enter>

This is a continuous variable that is equal 1 participant never wish he/she hadn’t gotten into this relationship and is equal to 5 if very often.

1. Love for partner

< v13 Love for partner>

This is a continuous variable that is equal 1 participant not at all loves his/her partner and is equal to 5 if participant extremely loves his/her partner.

1. Problems in relationship

< v19 Problems in relationship>

This is a continuous variable that is equal 1 when there are no problems and equal to 5 when there are many serious problems.

1. Highest level of intimacy with partner

< v15 Highest level of intimacy with partner>

This is a continuous variable that is equal 0 if no contact, equal to 1 if holding hands, equal to 2 if embracing, equal to 3 if cuddling, equal to 4 if kissing, equal to 5 if prolong kissing, equal to 6 if petting, equal to 7 if heavy petting, equal to 8 if mutual masturbation, equal to 9 if oral sex and equal to 10 if genital intercourse.

1. Intimate contact with another person

< v16 Intimate contact with another person>

This is a binary variable that is equal to 1 if participant has intimate contact with another person other than partner and equal to 0 if no.

**If participant answers no, they will be directed to variable 20, if they answer yes, they will be asked the following:**

1. No. of people Intimate with

< v17 No. of people Intimate with >

This is a continuous variable on the number of people participant has intimate contact with that is not his/her partner.

1. Highest level of intimacy with another person

< v18 Highest level of intimacy with another person>

This is a continuous variable that is equal 0 if no contact, equal to 1 if holding hands, equal to 2 if embracing, equal to 3 if cuddling, equal to 4 if kissing, equal to 5 if prolong kissing, equal to 6 if petting, equal to 7 if heavy petting, equal to 8 if mutual masturbation, equal to 9 if oral sex and equal to 10 if genital intercourse.

1. Factors that contribute to behavior

< v19 Factors that contribute to behavior>

This is a text variable that participants list the factors that contributed to their cheating behavior.

1. Gender

< v20 Gender>

This is a binary variable that is equal to 0 if participant is Male and equal to 1 if participant is female.

1. Parents’ Relationship Status

< v21 Parents’ relationship status>

This is a category variable that is equal to 1 when married, equal to 0 when divorce or unknown.

1. Peers/friends/relatives that cheated

< v22 Peers/friends/relatives that cheated>

This is a binary variable that is equal to 1 if participant has peers/friends/relatives that has cheated on their partner and equal to 0 if not.

1. Peers/friends/relatives that have been cheated on

< v23 Peers/friends/relatives that cheated>

This is a binary variable that is equal to 1 if participant has peers/friends/relatives that has cheated on by their partner and equal to 0 if not.

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4. Sources

1. Cheating Report Final
2. Cheating Slides Final
3. Cheating Raw Data