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COMPARATIVE STUDY OF ELECTORAL SYSTEMS
Module 2: Sample Design and Data Collection Report

August 23, 2004

Country: Taiwan (Republic of China)

Date of Election: March 20 , 2004

Type of Election (e.g., presidential, parliamentary, legislative): presidential

Organization that conducted the survey field work: The Committee of the Taiwan's Election and Democratization Study

Investigators Responsible for Data Collection:

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A. Study Design

- Post-Election Study
- Pre-/Post-Election Panel Study

Date Post-Election Interviewing Began: June 2004

Date Post-Election Interviewing Ended: September 2004

If Panel Study:

Date Pre-Election Interviewing Began:

Date Pre-Election Interviewing Ended:

Mode of (post-election) interview:

- In person, face-to-face
- Telephone
- Mail or self-completion supplement

Language(s) used in questionnaire(s) (Please provide copies of questionnaires in all languages used, as well as a version translated in English, if applicable, as part of the Election Study Deposit):

B. Sample Design and Sampling Procedures

1. Eligibility Requirements

a) Age: Minimum 20 Maximum _____

b) Citizenship: Yes No _____

c) Other requirements:

2. Sample Frame:

a) Were any regions of the country excluded from the sample frame?

No _____ Yes

If yes, please explain: Kimmen County and Lienchiang County (Mastsu) which are two small off-shore island.

b) Were institutionalized persons excluded from the sample?

No _____ Yes

Please explain: Those who are not eligible to vote.

c) Were military personnel excluded from the sample?

No Yes _____

Please explain:

d) If interviews were conducted by telephone:

i. What is the estimated percentage of households without a phone: _____%

ii. Were unlisted telephone numbers included in the population sampled?

No _____ Yes _____

Please explain:

iii. Were substitution methods used for unproductive sample points?

No _____ Yes _____

Please explain:

e) Were other persons excluded from the sample frame?

No Yes _____

Please explain:

f) Estimated total (a + b + c + d + e) percentage of the eligible population excluded from the sample frame: 2 %

3. Sample Selection Procedures:

a) What were the primary sampling units?

at the township-level

b) Were the primary sampling units randomly selected?

No _____ Yes

Please explain:

c) Were there further stages of selection?

No _____ Yes

Please explain: Based on the official information provided by the Interior Department, we employ cluster analysis to divide the 359 township-level units into 9 strata. Subsequently, according to the probabilities proportional to size (PPS), we randomly select approximately 2 to 14 township from each strata, then further select 4 to 28 borough or villages from each selected township, finally, 10 to 16 respondents were sampled from every selected borough or village.

d) How were individual respondents identified?

Systematic sampling

e) Under what circumstances was a sample line designated non- sample?

Please check all that apply:

- Non-residential sample point
- All members of household are ineligible
- Housing unit is vacant
- No answer at housing unit after 3 callbacks
- Other (Please explain):

f) Were non-sample replacement methods used?

No_____ Yes

Please describe: After 3 visits without success, the sampled respondent was replaced by the supplement sample according to the identical socio-demographic characteristic (i.e., area, sex, and age) of the first-sampled respondent.

g). For surveys conducted by telephone:

i. Was the sample a random digit dial (RDD) sample? Yes_____ No_____

ii. Was the sample a listed sample? Yes_____ No_____

iii. Was the sample a dual frame sample? No_____ Yes_____

If yes, what % list frame_____ and what % RDD_____

h) For surveys conducted by mail:

Was the sample a listed sample?

Yes_____ No_____

Please describe:

4. Compliance:

Prior to the study:

- a) Was a letter sent to respondent?

No_____ Yes______

(If yes, please include a copy of the letter in the Deposit)

- b) Was payment sent to respondent?

No______ Yes_____

If yes, please describe:

- c) Was a token gift sent to respondent?

No_____ Yes______

If yes, please describe: Beauty Kit (about NT\$ 100.00, orUS\$ 3.00)

- d) Were any other incentives used?

No______ Yes_____

If yes, please describe:

5. During the Field Period:

- a) How many contacts were made with the household before declaring it **non-sample?** 3 times

- b) How many contacts were made with the household before declaring it **non-interview?** 3 times

- c) Maximum number of days over which a household was contacted?
3 times

d) Did interviewers vary the time of day at which they re-contacted the household? No _____ Yes _____

Please describe: According to the information provided by the family members or neighbors, the interviewers tried to re-contact the respondent.

e) Refusal Conversion:

i. Were efforts made to persuade respondents who were reluctant to be interviewed?

No _____ Yes _____

Please describe:

ii. Were respondents who were reluctant to be interviewed sent a letter persuading them to take part?

No _____ Yes _____

If so, please describe (in addition, please include a copy of the letter in the deposit):

iii. Was payment offered to respondents who were reluctant to take part?

No _____ Yes _____

If yes, how much?

- iv. Were respondents who were reluctant to take part turned over to a more experienced interviewer? Yes No _____
- v. What was the maximum number of re-contacts used to persuade respondent to be interviewed? 3
- vi. Were any other methods used to persuade respondents reluctant to be interviewed to take part?
No _____ Yes

Please describe: When interviewers indicated that respondents were slightly, even moderately, reluctant to be interviewed, then supervisors of interviewers will try to persuade the respondents.

6. Response Rate:

(Note: if a panel study, please report response rate of the first wave)

Total number of sample lines issued:	6698
Number of refusals:	1755
Number never contacted (no-contact):	840
Other non-response:	1131
Number of lines of non-sample:	1149
Total number of completed interviews:	1823
Response Rate:	27.2%

Note: Total number of planned interviews based on the PPS sampling: 1744

7. Panel Attrition:

(Note: This only applies if CSES questionnaire is administered as part of a 2-wave panel study):

Total number of respondents in Wave I of the study: _____

Number of Wave I respondents re-interviewed in wave containing CSES Module: _____

Percent total panel attrition: _____

8. Panel attrition by age and education (given as percentages; please indicate whether numbers provided are % re-interviewed or % attrition):

Age

18-25 _____ %
26-40 _____ %
41-65 _____ %
65 & over _____ %

Education

None _____ %
Incomplete primary _____ %
Primary completed _____ %
Incomplete secondary _____ %
Secondary completed _____ %
University incomplete _____ %
University degree _____ %

9. Sample Weights

a) Are weights included in the data file?

No _____ Yes

Please describe how the weights were constructed:

The data-file is weighted by the factors of gender, age, education level, and area (based on the level of socio-economic development).

b) Are the weights designed to compensate for disproportionate probability of selection at the respondent/household level?

No Yes _____

Please describe:

c) Are the weights designed to match known demographic characteristics of the population?

No _____ Yes

Please describe: The aggregative indexes of gender, age, and socio-economic development are based on the official documents released by the Interior Department. In addition, since the information of education released by the official document might be underestimated, the index of education comes from the adjusted estimations of Professor Yung-tai Hung of Political Science, National Taiwan University.

d) Are the data weighted to correct for non-response?

No Yes _____

Please describe:

10. a) Please describe the interviewers (e.g., age, level of education, years of experience):

Interviewers: College and graduate students from social science department.

Supervisor: Experienced interviewers, most of them graduate students, from Soochow University, National Cheng-Chi University, National Chung-Cheng University, and National Sun Yat-Sen University.

- b) Please provide a description of interviewer training:

One full-day training session for interviewers and on-site practice.

11. Comparison of Sample to Population

Characteristic	<u>Population Estimates</u>	<u>Sample Estimates</u>	
		Unweighted	Weighted
<u>Age</u>			
20-29	23.54%	21.1%	22.6%
30-39	22.53%	20.2%	22.3%
40-49	22.24%	25.3%	22.4%
50-59	14.10%	15.2%	14.4%
60 and over	17.59%	18.2%	18.2%
<u>Education</u>			
Primary school and below	23.32%	25.2%	23.3%
Junior high school	15.47%	12.7%	15.4%
High or vocational school	30.11%	27.3%	30.0%
Technical college	14.63%	15.6%	14.6%
University degree and over	16.47%	18.9%	16.4%
<u>Gender</u>			
Male	50.54%	50.3%	50.5%
Female	49.46%	49.7%	49.5%