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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Name:
Affiliation:
Address:
Fax:
Phone:
E-mail:
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:

<table>
<thead>
<tr>
<th>Date Pre-Election Interviewing Began:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Pre-Election Interviewing Ended:</td>
</tr>
</tbody>
</table>

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 (Matsus) 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):
<table>
<thead>
<tr>
<th>Age</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-25</td>
<td>_________%</td>
</tr>
<tr>
<td>26-40</td>
<td>_________%</td>
</tr>
<tr>
<td>41-65</td>
<td>_________%</td>
</tr>
<tr>
<td>65 &amp; over</td>
<td>_________%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Education</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>_________%</td>
</tr>
<tr>
<td>Incomplete primary</td>
<td>_________%</td>
</tr>
<tr>
<td>Primary completed</td>
<td>_________%</td>
</tr>
<tr>
<td>Incomplete secondary</td>
<td>_________%</td>
</tr>
<tr>
<td>Secondary completed</td>
<td>_________%</td>
</tr>
<tr>
<td>University incomplete</td>
<td>_________%</td>
</tr>
<tr>
<td>University degree</td>
<td>_________%</td>
</tr>
</tbody>
</table>

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 form 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

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