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

Country: Portugal
Date of Election: February 20th, 2005

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

Organization that conducted the survey field work: The study was coordinated by Instituto de Ciências Sociais da Universidade de Lisboa, but the fieldwork was carried out by CESOP-UCP (Centro de Estudos e Sondagens de Opinião da Universidade Católica Portuguesa).

Investigators Responsible for Data Collection:

Name: António Barreto
Affiliation: Instituto de Ciências Sociais da Universidade de Lisboa
Address: Avenida Professor Aníbal de Bettencourt, 9, 1600-189 Lisboa, Portugal
Fax: (351) 21 794 02 74
Phone: (351) 21 780 47 00
E-mail: abarreto@ics.ul.pt

Name: André Freire
Affiliation: Instituto Superior de Ciências do Trabalho e da Empresa
Address: Avenida das Forças Armadas, 1649-026 Lisboa, Portugal
Fax: Phone: (351) 21 790 3 000
E-mail: andre.freire@iscte.pt

Name: Marina Costa Lobo
Affiliation: Instituto de Ciências Sociais da Universidade de Lisboa
Address: Avenida Professor Aníbal de Bettencourt, 9, 1600-189 Lisboa, Portugal
Fax: (351) 21 794 02 74
Phone: (351) 21 780 47 00
E-mail: marina.costalobo@ics.ul.pt

Name: Pedro Magalhães
Affiliation: Instituto de Ciências Sociais da Universidade de Lisboa/Universidade Católica Portuguesa
Address: Avenida Professor Aníbal de Bettencourt, 9, 1600-189 Lisboa, Portugal
Fax: (351) 21 794 02 74
Phone: (351) 21 780 47 00
E-mail: pedro.magalhaes@ics.ul.pt
A. Study Design

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

Date Post-Election Interviewing Began: March 5th, 2005

Date Post-Election Interviewing Ended: May 8th, 2005

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): Portuguese
B. Sample Design and Sampling Procedures

1. Eligibility Requirements
   a) Age: Minimum \(18\) Maximum_____
   
   b) Citizenship: Yes_______ No_____ \(X\)
   
   c) Other requirements: Respondents had to be residents in mainland Portugal

2. Sample Frame:
   a) Were any regions of the country excluded from the sample frame?
      No_____ Yes_____ \(X\)
      If yes, please explain: Azores and Madeira Islands, which are not in mainland Portugal.

   b) Were institutionalized persons excluded from the sample?
      No_____ Yes__ \(X\)
      Please explain: No surveys conducted on prisons or hospitals

   c) Were military personnel excluded from the sample?
      No__ ___ Yes____ \(X\)
      Please explain: No surveys conducted in military installations.

   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 ___ X ___ Yes ___

   Please explain:

f) Estimated total (a + b + c + d + e) percentage of the eligible population excluded from the sample frame: __5%*____

   * We don’t have the exact number of residents in mainland Portugal and in Madeira and Azores who are over 18 years of age. Therefore, to estimate this percentage, we used the number of people registered to vote in 2003. Although this is not the same, it is the closest we could get to the real number of those who are over 18 years of age.

3. Sample Selection Procedures:

   a) What were the primary sampling units? Were the primary sampling units randomly selected?

      No _____ Yes ___ X ___

      Please explain:

      This sample was stratified by REGIONS (7 regions in the mainland: North, Centre, Lisbon-Lisbon district; Lisbon-Setúbal-district, Lisbon-other districts, Alentejo and Algarve) and HABITAT (three categories of parishes by number of registered voters: less than 3000; 3000-9999; more than 10000).

      Then, for each cell within the REGIONS and HABITAT frame, parishes were randomly selected with probability proportional to size, in order to ensure that the number of interviews would be proportional to the number of voters in each cell, since there was a previous decision of making the same number of interviews in each parish. The process of selection was systematically repeated until the electoral results of the 5 major political parties in those parishes, taking into account the intended number of respondents, were less than 1 percent different from the general results of mainland Portugal in the 2002 legislative election. The number of parishes selected and interviews conducted in each REGION/HABITAT stratum was proportional to the number of voters registered in each stratum.

   c) Were there further stages of selection?

      No _____ Yes ___ X ___

      Please explain:
In each parish, random route was used to select the households.

d) How were individual respondents identified?

Individual respondents were selected using the following criteria: last person living in the household that had his/her birthday, with 18 or more years.

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 2 callbacks
☑ Other (Please explain):

f) Were non-sample replacement methods used?

No_____ Yes____ X

Please describe:

If there was no one in the household after the first attempt and the 2 callbacks, the household was replaced by a new one. If the selected person was not at the house in the first attempt and the 2 callbacks, a new household was selected.

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  X  Yes____

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

b) Was payment sent to respondent?

   No  X  Yes____

   If yes, please describe:

c) Was a token gift sent to respondent?

   No  X  Yes____

   If yes, please describe:

d) Were any other incentives used?

   No  X  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

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

   c) Maximum number of days over which a household was contacted? 14 days

   d) Did interviewers vary the time of day at which they re-contacted the household? No____ Yes___X__

       Please describe:
       Variation did occur, but not systematically programmed.

   e) Refusal Conversion:

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

          Please describe:
          When the selected person showed reluctance to answer the questionnaire, the interviewer explained to a greater length the aims of the study, stressing that the questionnaire was confidential and how important his/her participation would be.

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

            No___X__ 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 _X_ Yes____
If yes, how much?

iv. Were respondents who were reluctant to take part turned over to a more experienced interviewer? Yes _____ No X

v. What was the maximum number of re-contacts used to persuade respondent to be interviewed? None

vi. Were any other methods used to persuade respondents reluctant to be interviewed to take part? No X _____ Yes _____

Please describe:

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

   | Total number of sample lines issued: | 8972 |
   | Number of refusals: | 2626 |
   | Number never contacted (no-contact): | - |
   | Other non-response: | - |
   | Number of lines of non-sample: | 3545 |
   | Total number of completed interviews: | 2801 |
   | Response Rate: | 31.2% |

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>Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-25</td>
<td>None</td>
</tr>
<tr>
<td>26-40</td>
<td>Incomplete primary</td>
</tr>
<tr>
<td>41-65</td>
<td>Primary completed</td>
</tr>
<tr>
<td>65 &amp; over</td>
<td>Incomplete secondary</td>
</tr>
<tr>
<td></td>
<td>Secondary completed</td>
</tr>
<tr>
<td></td>
<td>University incomplete</td>
</tr>
<tr>
<td></td>
<td>University degree</td>
</tr>
</tbody>
</table>

9. Sample Weights

a) Are weights included in the data file?
   No_____ Yes____X____

   Please describe how the weights were constructed:
   pondsd= constructed on the basis of Censos 2001 information about distribution of 18+ years of age residents in Continental Portugal on the basis of sex (2 strata, age (3 strata), and education (3 strata).
   pondvoto= constructed on the basis of the 2005 election results in order to weigh the results of the vote recall question.

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

   Please describe:

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

   Please describe: see above.

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

   Please describe:
10. a) Please describe the interviewers (e.g., age, level of education, years of experience):
84 interviewers involved. Age: minimum, 19; maximum, 42; Education: incomplete or complete college education; Years of experience: minimum, 3 months; maximum, 5 years.

b) Please provide a description of interviewer training:
A Interviewer’s Manual was elaborated and delivered to each interviewer. Also, a member of the CSES team conducted a briefing session with all interviewers where all the necessary instructions about the questionnaire were given. The fieldwork coordinator was also one of the members’ of the CSES team in Portugal.

11. Comparison of Sample to Population

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Population Estimates*</th>
<th>Sample Estimates</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Unweighted</td>
<td>Weighted</td>
</tr>
<tr>
<td>Age</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18-34</td>
<td>31.7%</td>
<td>32.5%</td>
</tr>
<tr>
<td>35-54</td>
<td>34.1%</td>
<td>36.1%</td>
</tr>
<tr>
<td>55 and more</td>
<td>34.2%</td>
<td>31.3%</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Incomplete secondary or less</td>
<td>77.6%</td>
<td>61.8%</td>
</tr>
<tr>
<td>Secondary, post-secondary trade/vocational or incomplete university</td>
<td>14.2%</td>
<td>23.7%</td>
</tr>
<tr>
<td>University Degree</td>
<td>8.2%</td>
<td>14.6%</td>
</tr>
<tr>
<td>Gender</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>47.6%</td>
<td>49.3%</td>
</tr>
<tr>
<td>Female</td>
<td>52.4%</td>
<td>50.7%</td>
</tr>
</tbody>
</table>

*This data are from the last Census, which took place in 2001. We couldn’t exactly follow the categories suggested by the CSES.