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**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).**

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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 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 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:

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**

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:	<u>8972</u>
Number of refusals:	<u>2626</u>
Number never contacted (no-contact):	<u>-</u>
Other non-response:	<u>-</u>
Number of lines of non-sample:	<u>3545</u>
Total number of completed interviews:	<u>2801</u>
Response Rate:	<u>31,2%</u>

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 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

Characteristic	<u>Population Estimates*</u>	<u>Sample Estimates</u>	
		Unweighted	Weighted
<u>Age</u>			
18-34	31.7%	32.5%	31.7%
35-54	34.1%	36.1%	34.1%
55 and more	34.2%	31.3%	34.2%
<u>Education</u>			
Incomplete secondary or less	77.6%	61.8%	77.5%
Secondary, post-secondary trade/vocational or incomplete university	14.2%	23.7%	14.2%
University Degree	8.2%	14.6%	8.2%
<u>Gender</u>			
Male	47.6%	49.3%	47.6%
Female	52.4%	50.7%	52.4%

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