

**Comparative Study of Electoral Systems (CSES)  
Module 4: Design Report (Sample Design and Data Collection Report)**

August 20, 2014

Country: **Greece**

Date of Election: **06 May 2012 & 17 June 2012**

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Date of Preparation: **March-July 2014**

**NOTES TO COLLABORATORS:**

- Where brackets [ ] appear, answer by placing an “X” within the appropriate bracket or brackets.
- If more space is needed to answer any question, please lengthen the document as necessary.

**Collaborator(s):**

Collaborators are the contact persons for election studies that appear in the CSES dataset - they are not necessarily the parties who collected the data. These collaborators and their contact information will be listed on the CSES website.

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**Data Collection Organization:**

Organization that conducted the survey field work/data collection:

1.

Organization:

**Aristotle University of Thessaloniki, School of Political Sciences  
Laboratory of Applied Political Research**

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**Organization: To The Point Research Consulting Communication S.A.**

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**Funding Organization(s):**

Organization(s) that funded the data collection:

1.  
Organization:  
**Aristotle University of Thessaloniki, School of Political Sciences  
Laboratory of Applied Political Research**

Address:  
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Website: <http://www.uowm.gr/>

**Archiving Organization**

If appropriate, please indicate the primary location where the full, original election study dataset (not just the CSES portion) will be archived:

Organization: Inter-university Consortium for Political and Social Research Address: Ann Arbor, MI  Telephone: Fax: E-Mail: Website: <a href="http://www.openicpsr.org/repoEntity/show/10762">http://www.openicpsr.org/repoEntity/show/10762</a>
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Please indicate the date when the study is expected to be available at this archive: 20/8/2014

**Study Design**

1. Timing of the study that the CSES Module was included in:

**Post-Election Study**

Pre-Election/Post-Election Panel Study

Between Rounds

2a. Date Post-Election Interviewing Began: 19 October 2012

2b. Date Post-Election Interviewing Ended: 5 January 2013

3. Mode of interviewing for the post-election survey in which the CSES Module appeared:

(If multiple modes were used, please mark all that apply.)

**In person, face-to-face**

Telephone

Mail or self-completion supplement

**Internet**

4a. Was the survey part of a panel study?

Yes

**No**

4b. If the survey was part of a panel study, please describe the design of the panel study, including the date at which interviewing for each prior wave began and ended:

### **Translation**

Please provide copies of questionnaires in all languages used as part of the election study deposit. For questionnaires in a language other than English, please also provide a version of each translated back into English. Note: Questions are based on those developed for the ISSP.

5. Was the questionnaire translated?

**Yes, translated by member(s) of research team**

Yes, by translation bureau

Yes, by specially trained translator(s)

No, not translated

6. Please list all languages used for the fielded module:

### **Greek**

7a. If the questionnaire was translated, was the translated questionnaire assessed/checked or evaluated?

**Yes, by group discussion**

Yes, an expert checked it

Yes, by back translation

Other; please specify: \_\_\_\_\_

No

Not applicable

7b. If the questionnaire was translated, was the questionnaire pre-tested?

**Yes**

No

Not applicable

7c. If the questionnaire was translated, were there any questions which caused problems when translating?

Yes

**No**

Not applicable

7d. If the questionnaire was translated, please provide a list of all questions which caused problems when translating. For each question listed, describe what problems were encountered and how they were solved:

### **Sample Design and Sampling Procedures**

8. Please describe the population that your sample is meant to be representative of:

- a) **Minimum age:18**
- b) **Voting rights**
- c) **Greek nationality**

### **Eligibility Requirements**

9a. Must a person be a certain age to be interviewed?

- Yes**
- No**

If yes, what ages could be interviewed?

**(voting age) (born 1994 and later)**

9b. Must a person be a citizen to be interviewed?

- Yes**
- No**

9c. Must a person be registered to vote to be interviewed?

- Yes (by law all Greek citizens born 1994 and later are registered)**
- No**

9d. Please list any other interviewing requirements or filters used:

## Sample Frame

10a. Were any regions of the country excluded from the sample frame?

Yes

**No**

If yes, what percent of the total eligible population did this exclude from the sample frame? \_\_\_\_\_ %

If yes, please explain:

10b. Were institutionalized persons excluded from the sample?

Yes

**No**

If yes, what percent of the total eligible population did this exclude from the sample frame? NA

If yes, please explain:

10c. Were military personnel excluded from the sample?

Yes

**No**

If yes, what percent of the total eligible population did this exclude from the sample frame? \_\_\_\_\_ %

If yes, please explain:

10d. If interviews were conducted by telephone, what is the estimated percentage of households without a phone? 18 %

Please explain:

[http://ec.europa.eu/public\\_opinion/archives/ebs/ebs\\_381\\_en.pdf](http://ec.europa.eu/public_opinion/archives/ebs/ebs_381_en.pdf) (p.17)

10e. If interviews were conducted by telephone, were unlisted telephone numbers included in the population sampled?

Yes

No

If no, what percent of the total eligible population did this exclude from the sample frame? \_\_\_\_\_ %

10f. Were other persons excluded from the sample frame?

Yes

No

If yes, what percent of the total eligible population did this exclude from the sample frame? \_\_\_\_\_ %

If yes, please explain:

10g. Please estimate the total percentage of the eligible population excluded from the sample frame: \_\_\_\_\_ %

## Sample Selection Procedures

11. Please describe, in your own words, how the sample for the study was selected. If the survey is part of a panel study, please also describe the original sample, from the beginning of the study.

**The 2012 Hellenic (Greek) National Election Voter Study was conducted as a mixed-mode survey in the period between 19 October 2012 and 5 January 2013. Half of the sample was designed to be collected online. The sample was selected randomly (using RDD) by area proportional to total population. The selected respondents were called on the phone and they were asked to provide their email address if they wanted to participate in a web survey conducted by the Laboratory of Applied Political Research, Aristotle University of Thessaloniki. These email addresses have been used into the epolls.gr web survey system (Andreadis 2010). The other half of the sample was designed to be collected by face-to-face interviews. During the design phase of the survey we expected that the 55+ age group would be greatly under-represented in the web survey sample. We also expected that the regions of Attiki (region of the capital Athens) and Thessaloniki would be over-represented and the rural areas would be significantly under-represented in the web survey sample (taking into consideration the limited access and use of the Internet of these groups). The face to face sample was collected using the following method: Firstly, geographical cluster sampling was used, but due to the aforementioned expectations, the regions of Attiki and Thessaloniki have been excluded from the selection of the clusters. Then in each selected cluster, systematic sampling was used, i.e. the interviewers selected the first house randomly and they continued in the cluster selecting every kth house. Secondly, they have used quota sampling for age (i.e. when people aged <55 reached 30% of the sample they have stopped collecting any more responses from people of this age group).**

12a. What were the primary sampling units?

### Households

12b. How were the primary sampling units selected?

### Randomly

12c. Were the primary sampling units randomly selected?

Yes

No

Please explain how the units were randomly selected. If the units were not randomly selected, please provide a justification for why the units were not randomly selected.

Telephone to web: RDD

Face to Face: Multistage random sampling

13. Were there further stages of selection?

Yes

No

13a. If there were further stages of selection, what were the sampling units at each of the additional stages?

### **Households - Individuals**

13b. If there were further stages of selection, how were the sampling units selected at each of the additional stages?

### **Randomly**

13c. If there were further stages of selection, were units at each of these stages randomly selected?

Yes

No

Please explain how the units were randomly selected. If the units were not randomly selected, please provide a justification for why the units were not randomly selected.

14a. How were individual respondents identified and selected in the final stage?

SCREENING: Respondent should be eligible to vote

**F2F: Quota sampling for age (i.e. when people aged <55 reached 30% of the F2F sample no more responses were collected from people of this age group)**

14b. Could more than one respondent be interviewed from a single household?

Yes

No

If yes, please explain:

15. Did the sample design include clustering at any stage?

Yes

No

If yes, please describe:

**F2F: Geographical cluster sampling was used, but due to expectations of over-representation of the regions of Attiki and Thessaloniki in the web survey, these regions have been excluded from the selection of the clusters.**

16. Did the sample design include stratification?

Definition: Stratification involves the division of the population of interest according to certain characteristics (for instance: geographic, political, or demographic). Random selection then occurs within each of the groups that result.

Yes

No

If yes, please describe (please include the list of characteristics used for stratification):

**F2F: Geographic stratification**

17. Was quota sampling used at any stage of selection?

Yes

No

If yes, please describe:

**F2F: Quota sampling for age (i.e. when people aged <55 reached 30% of the F2F sample no more responses were collected from people of this age group)**

18. Was substitution of individuals permitted at any stage of the selection process or during fieldwork?

Yes

No

If yes, please describe:

19. Under what circumstances was a household 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):

20. Were non-sample replacement methods used?

Yes

No

Please describe:

21a. For surveys conducted by telephone, was the sample a random digit dial (RDD) sample?

Yes

No

21b. For surveys conducted by telephone, was the sample a listed sample?

Yes

No

21c. For surveys conducted by telephone, was the sample a dual frame sample?

Yes

No

If yes, what % list frame\_\_\_\_\_ and what % RDD\_\_\_\_\_

22. For surveys conducted by mail, was the sample a listed sample?

Yes

No

Please describe:

23. For surveys conducted on the Internet, did any respondents self-select into the survey?

Yes

No

Please explain:

### **Incentives**

24a. Prior to the study, was a letter sent to the respondent?

Yes

No

(If yes, please provide a copy of the letter.)

24b. Prior to the study, was a payment sent to the respondent?

Yes

No

If yes, please describe (including amount of payment):

24c. Prior to the study, was a token gift sent to the respondent?

- Yes  
 No

If yes, please describe:

24d. Did respondent receive an additional payment after their participation? (Do not include any payment made prior to the study.)

- Yes  
 No

If yes, please describe (including amount of payment):

24e. Were any other incentives used?

- Yes  
 No

If yes, please describe:

### **Interviewers**

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

**AGE: between 18 to 35 years old**

**EDUCATION: university students 70% and high school graduates 30%**

**AVERAGE EXPERIENCE: 2 years for interviewers 22-35 years old and six months for interviewers 18-21 years old. The interviewers are knowledgeable about surveys and in particular of the social and political context.**

26. Please provide a description of interviewer training:

**Discussion on the questionnaire and guidance on how to conduct the investigation and any difficulties they will face.**

### **Contacts**

27a. What was the average number of contact attempts made per household, for the entire sample?

**1**

27b. For households where contact was made, what was the average number of contact attempts prior to first contact?

**0**

27c. During the field period, how many contacts were made with the household before declaring it a **non-sample**?

**1**

28d. During the field period, how many contacts were made with the household before declaring it a **non-interview**?

**1**

28e. During the field period, what were the maximum number of days over which a household was contacted?

28f. During the field period, did interviewers vary the time of day at which they re-contacted the household?

Yes

No

If yes, please describe:

### Refusal Conversion

29a. Were efforts made to persuade respondents who were reluctant to be interviewed?

Yes

No

Please describe:

29b. Were respondents who were reluctant to be interviewed sent a letter persuading them to take part?

Yes

No

(If yes, please provide a copy of the letter or letters.)

If yes, please describe:

29c. Was payment offered to respondents who were reluctant to take part?

Yes

No

If yes, how much?

29d. Were respondents who were reluctant to take part turned over to a more experienced interviewer?

Yes

No

29e. What was the maximum number of re-contacts used to persuade respondents to be interviewed?

0

29f. Were any other methods used to persuade respondents reluctant to be interviewed to take part?

Yes

No

If yes, please describe:

**T2W: Citizens selected for the web surveys were sent reminders.**

### **Interview/Survey Verification**

Definition: Interview/survey verification is the process of verifying that an interview was conducted and that the survey was administered to the correct respondent, for quality control purposes.

30. Was interview/survey verification used?

Yes

No

If yes, please describe the method(s) used:

**Recheck in 20% of the questionnaire. Calling the respondents and verifying their answers on: their full name, their age, their place of residence and whether they participated in the survey.**

If yes, please indicate the percent of completed surveys that were verified: **20 %**

**Response Rate Face to Face**

Note: If multiple modes of interviewing were used for the post-election survey in which the CSES Module appeared, please repeat the following questions as appropriate for each of the modes used.

31. What was the response rate of the survey that the CSES Module appeared in? Please show your calculations. (If the CSES Module appeared in a panel study, please report the response rate of the first wave of the study, even if the CSES Module did not appear in that wave.)

Number of completed interviews/( Number of completed interviews+ Number of partial interviews+ Number of refusals and break-offs+ Number non-contact )=1/9

32. Please provide the following statistics for the survey that the CSES Module appeared in. (If the CSES Module appeared in a panel study, please report the statistics for the first wave of the study, even if the CSES Module did not appear in that wave.)

A. Total number of households in sample:	7000
B. Number of valid households:	4500
C. Number of invalid (non-sample) households:	2500
D. Number of households of unknown validity:	
E. Number of completed interviews:	500
F. Number of partial interviews:	447
G. Number of refusals and break-offs:	1973
H. Number non-contact (never contacted):	1580
I. Other non-response:	0

The sum of B+C+D should equal the value of A. If not, please describe why:

If statistic D (number of households of unknown validity) has a value greater than zero (0), please estimate the proportion of households of unknown validity that are valid:

The sum of E+F+G+H+I should equal the value of B. If not, please describe why:

If statistic I has a value greater than zero (0), please describe what cases fall into this category:

## Response Rate Telephone to Web

Note: If multiple modes of interviewing were used for the post-election survey in which the CSES Module appeared, please repeat the following questions as appropriate for each of the modes used.

31. What was the response rate of the survey that the CSES Module appeared in? Please show your calculations. (If the CSES Module appeared in a panel study, please report the response rate of the first wave of the study, even if the CSES Module did not appear in that wave.)

RDD to providing a correct email address = 21%

From the 2033 citizens with correct email addresses who were invited to participate in the web survey at epolls.gr 529 have completed the questionnaire, i.e. 26% response rate

32. Please provide the following statistics for the survey that the CSES Module appeared in. (If the CSES Module appeared in a panel study, please report the statistics for the first wave of the study, even if the CSES Module did not appear in that wave.)

A. Total number of households in sample:	9680
B. Number of valid households:	2033
C. Number of invalid (non-sample) households:	
D. Number of households of unknown validity:	7647
E. Number of completed interviews:	529
F. Number of partial interviews:	243
G. Number of refusals and break-offs:	1261
H. Number non-contact (never contacted):	0
I. Other non-response:	0

The sum of B+C+D should equal the value of A. If not, please describe why:

If statistic D (number of households of unknown validity) has a value greater than zero (0), please estimate the proportion of households of unknown validity that are valid:

**90%**

The sum of E+F+G+H+I should equal the value of B. If not, please describe why:

If statistic I has a value greater than zero (0), please describe what cases fall into this category:

33. If the CSES Module appeared in a panel study, how many waves were conducted prior to the wave that included the CSES Module?

34. If the CSES Module appeared in a panel study, what was the total panel attrition between the first wave of the study and the wave that included the CSES Module? Please show your calculations.

35. If the CSES Module appeared in a panel study, please provide the number of completed interviews for the wave that included the CSES Module:

36. If the CSES Module appeared in a panel study, please provide the following statistics for panel attrition by age and education. In each cell, indicate the percent of all completed interviews in each category for the indicated wave.

<b>Age</b>	<b>First wave of study</b>	<b>Wave that included CSES</b>
18-25	%	%
26-40	%	%
41-64	%	%
65 and over	%	%

<b>Education</b>	<b>First wave of study</b>	<b>Wave that included CSES</b>
None	%	%
Incomplete primary	%	%
Primary completed	%	%
Incomplete secondary	%	%
Secondary completed	%	%
Post-Secondary Trade/Vocational	%	&
University incomplete	%	%
University degree	%	%

### Post-Survey Adjustment Weights

37. Are weights necessary to make the sample representative of the populated being studied?

Yes

No

If yes, please explain:

### Older, female and less educated voters are under-represented

38. Are weights included in the data file?

Yes

No

39. If weights are included in the data file, please describe in detail how the weights were constructed:

Weights were constructed using the method of raking on gender, age, education, region and valid votes in 2012 elections. A detailed report is available at: Andreadis, Ioannis. Hellenic Voter Study 2012: Weights for the Hellenic Voter Study 2012. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2014-08-16. <http://doi.org/10.3886/E13045V1>

40a. If weights are included in the data file, are the weights designed to compensate for disproportionate probability of selection?

Yes

No

If yes, please describe:

40b. If weights are included in the data file, are the weights designed to match known demographic characteristics of the population?

Yes

No

If yes, please describe:

Weights were constructed using the method of raking on gender, age, education and region

40c. If weights are included in the data file, are the weights designed to correct for non-response?

Yes

No

If yes, please describe:

40d. If weights are included in the data file, are the weights designed to correct to the official election results?

Yes

No

If yes, please describe:

41. Comparison of Completed Interviews to Population (please provide as percentages of the total):

Characteristic	<u>Population Estimates</u>	<u>Completed Interviews</u>	
		<u>Unweighted Distribution</u>	<u>Weighted Distribution</u>
<u>Age</u>			
18-25	11.1%	7.3%	9.8%
26-40	26.8%	22.3%	24.4%
41-64	38.5%	52.9%	40.9%
65 and over	23.6%	17.5%	24.9%
<u>Education</u>			
ISCED97 (0-2)	38.1%	23.2%	38.2%
ISCED97 (3-4)	39.8%	32.1%	36.7%
ISCED97 (5-6)	22.1%	43.7%	25.1%
<u>Gender</u>			
Male	49%	59%	51%
Female	51%	41%	49%

42. Please indicate the source of the population estimates in the prior question. English language sources are especially helpful. Include website links or contact information if applicable.

**Eurostat. 2013. "Labour Force Survey in the EU, Candidate and EFTA Countries - Main Characteristics of National Surveys, 2012." Eurostat. doi:10. 2785/44503**

**ELSTAT. 2013. "Greece in Figures 2013."**

**[http://www.statistics.gr/portal/page/portal/ESYE/BUCKET/General/ELLAS\\_IN\\_NUMBERS\\_EN.pdf](http://www.statistics.gr/portal/page/portal/ESYE/BUCKET/General/ELLAS_IN_NUMBERS_EN.pdf)**