

Comparative Study of Electoral Systems (CSES) Module 5: Design Report (Sample Design and Data Collection Report)

September 14, 2016

Country: **Greece**
Date of Election: July 7, 2019

Prepared by: Ioannis Andreadis, Professor

Date of Preparation: October 31, 2022

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.

<p>Name: Ioannis Andreadis Title: Professor of Quantitative Methods Organization: Aristotle University of Thessaloniki School of Political Sciences Laboratory of Applied Political Research Address: Aristotle University of Thessaloniki School of Political Sciences Egnatias 45, 54625, Thessaloniki, Greece Telephone: 2310 991992 Fax: 2310 991983 E-Mail: john@polsci.auth.gr Website: http://www.polres.gr/en/andreadis/</p>	<p>Name: Theodore Chadjipadelis Title: Professor of Applied Statistics Organization: Aristotle University of Thessaloniki School of Political Sciences Laboratory of Applied Political Research Address: Aristotle University of Thessaloniki School of Political Sciences Egnatias 45, 54625, Thessaloniki, Greece Telephone: 2310 997912 Fax: 2310 991950 E-Mail: chadji@polsci.auth.gr Website: https://www.polsci.auth.gr/en/melos_dep_polsci/chadjipadelis-theodore/</p>
---	--

<p>Name: Eftichia Teperoglou Title: Associate Professor of Political Sociology</p> <p>Organization: Aristotle University of Thessaloniki School of Political Sciences Laboratory of Applied Political Research</p> <p>Address: Aristotle University of Thessaloniki School of Political Sciences Egnatias 45, 54625, Thessaloniki, Greece</p> <p>Telephone: +302310991988 Fax: E-Mail: efteperoglou@polsci.auth.gr Website: https://www.polsci.auth.gr/en/melos_d/ep_polsci/teperoglou-eftichia/</p>	
---	--

Data Collection Organization:

Organization that conducted the survey field work/data collection:

Organization:
Aristotle University of Thessaloniki
School of Political Sciences

Address:
Aristotle University of Thessaloniki, School of Political Sciences
Egnatias 45, 54625, Thessaloniki, Greece

Data Collection Supervisor:
Ioannis Andreadis
Telephone: **2310 991992**
E-Mail: john@polsci.auth.gr
Website: <http://www.polsci.auth.gr/>

Funding Organization(s):

Organization(s) that funded the data collection:

Organization: ELIDEK
Address: 185 Syggrou Ave. & Sardeon St. 2, 17121,
Nea Smyrni, Athens
Telephone: +30 210 64 12 410, 420
Email: info@elidek.gr
Website: <https://www.elidek.gr/en/homepage/>

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:

Aristotle University of Thessaloniki
School of Political Sciences
Project: DataPopEU

Address:

Aristotle University of Thessaloniki, School of Political Sciences
Egnatias 45, 54625, Thessaloniki, Greece

Telephone: 2310991992

Website: <https://www.datapopeu.gr/>

Please indicate the date when the study is expected to be available at this archive:

9/12/2022

Study Design

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

Post-Election Study (with interviewing starting within 6 months after the election)

Post-Election Study (with interviewing starting more than 6 months after the election)

Pre-Election/Post-Election Panel Study

Between Rounds

2a. Date Post-Election Interviewing Began:

December 12, 2019

2b. Date Post-Election Interviewing Ended:

March 16, 2020

3a. 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 - using a questionnaire on paper
- In person, face-to-face - using an electronic/computerized questionnaire
- Telephone
- Mail or self-completion supplement
- Internet**

3b. Was there a mode change *within* interviews (e.g., selected self-completion elements within the questionnaire)?

- No**
- Yes; please provide details:

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:

4c. If the survey was entirely or partly conducted via the Internet, please indicate whether it was based on an access panel (i.e. respondents were selected from a group of pre-screened panelists):

- Yes
- No**

4d. If the survey was based on an Internet access panel, please describe the access panel (company, population [does it include persons without initial access to the Internet and how are they interviewed], method of recruiting members, total size of access panel, method of selecting survey respondents from the panel):

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:17**
- 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: 17+)

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

- Yes**
- No**

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

- Yes**
- 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? _____ %

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?

Less than 1%. According to recent data and the report of the Special Eurobarometer 510 (<https://europa.eu/eurobarometer/surveys/detail/2232>) that was published in June 2021, 99% of Greek citizens have access to a personal mobile phone. We use Randomly Generated **Mobile** Phone Numbers.: after the random generation of the numbers and before their insertion in the sampling frame, we check if they exist.

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. If interviews were conducted via the Internet, what is the estimated percentage of households without access to the Internet? 3%,

<https://europa.eu/eurobarometer/surveys/detail/2232>

10g. If interviews were conducted via the Internet, were provisions taken to include members of the population without access to the Internet? And if so, which?

Yes

No

If “Yes”, please explain:

We were planning to offer additional interview modes. However, when we contacted about 1/3 of the ELNES 2019 sample members and asked them if they would like to participate in another survey mode, less than 1% of them have responded that they would participate with a different mode.

If “No”, what percent of the total eligible population did this exclude from the sample frame? _____ %

10h. 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:

10i. Please estimate the total percentage of the eligible population excluded from the sample frame: 1 %

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 and/or based on an Internet access panel, please also describe the original sample, from the beginning of the study.

The 2019 Hellenic (Greek) National Election Voter Study was conducted as a web survey. The recruitment of the respondents was done with a random selection of mobile telephone numbers, using a Random Digital Dialing (RDD) method. At this point it should be noted that we also sent email invitations to 677 respondents of ELNES 2015 voter study who had indicated that they would be willing to participate in future ELNES surveys. Both groups have been contacted up to four times (the former via SMS and the latter via email).

12a. What were the primary sampling units?

Individuals

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.

RDD

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?

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

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?

Mobile phone numbers are different from land-line phone numbers. Even a business mobile phone is usually not located on a desk in the business office like a land-line phone. It is typically given to a single employee, and it is used by this employee only. Thus, there is not need for selection in the final stage

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:

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, and in the case of multi-stage selection processes the stage[s] at which stratification occurred):

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

- Yes
 No

If yes, please describe:

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): No reaction after 4 contacts

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 respondents self-select into the survey, at any stage?

Yes

No

Please explain:

Incentives

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

Yes

No, but SMS sample members received a pre-notification SMS

(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):

26. Please provide a description of interviewer training. If possible please differentiate between general interviewer training and study-specific components:

26a. Please provide a description of the content, structure and time used for general training of interviewers:

26b. Please provided a description of the content, structure and time used for training interviewers in the specifics of the study within which CSES was run:

Contacts

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

4

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

2

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

4

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

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

10

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:

Prenotification, invitation and two reminders via SMS and invitation and three reminders for email

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?

3

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

Yes

No

If yes, please describe:

We called 1/3 of the sample members and asked them if they need our help and if they would like to participate with another interview mode. Less than 1% of them indicated that they would participate in another survey mode (most of them because they did not have a way to access the internet).

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:

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

Response Rate

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.)

We have contacted either via SMS or via email 26052 potential sample members. We have 1537 completed questionnaires, i.e. the response rate is circa 6%. With our SMS method, it is very difficult to determine who is eligible and who has refused to participate (e.g. no consent) because these checks are conducted as part of the questionnaire. However, when we tried to call around 1/3 of the SMS sample, almost half of them (49.1%) have not answered our calls, almost 3 out of 10 (28.6%) responded that they did not need any help because they did not want to participate in the survey, and almost 2 out of 10 (18.7%) responded that they did not need any help and that they plan to complete the survey later. Only 0.9% of them responded that they would be willing to participate in the survey using another mode, 1.1% were ineligible and 1.8% answered that they would like us to resend the text message with the link to the questionnaire.

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 individuals in sample:	26052
B. Number of valid individuals :	1654
C. Number of invalid (non-sample) individuals :	30
D. Number of individuals of unknown validity:	24368
E. Number of completed interviews:	1537
F. Number of partial interviews:	104
G. Number of refusals and break-offs:	13*
H. Number non-contact (never contacted):	
I. Other non-response:	

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:

Based on the calls we have tried, at least 46.5% of them are eligible.

* the number of refusals are based on the email participants only. We have 254 SMS sample members who have not given their consent, but we do not know if they were eligible, because the eligibility questions were displayed on the questionnaire after the consent form, and sample members who have not given their consent, were unable to answer the eligibility questions. As a result, we count them as part of the unknown eligibility

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.

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

Education	First wave of study	Wave that included CSES
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:

sample_weight is calculated as 1 divided by the number of mobile telephones owned by individual, to compensate for disproportionate probability of selection

demo_weights are calculated on top of sample_weight with raking to make the sample representative of the populated being studied while keeping the maximum weight ≤ 8

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:

sample_weight is calculated as 1 divided by the number of mobile telephones owned by individual, to compensate for disproportionate probability of selection

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	Population Estimates	Completed Interviews	
		Unweighted Distribution	Weighted Distribution
<u>Age</u>			
17-30	20.6%	13.0%	20.3%
31-45	27.2%	38.3%	28.2%
46-60	23.4%	31.6%	24.2%
60+	28.8%	17.1%	27.2%
<u>Education</u>			
ISCED11 (0-2)	27.6%	4.3%	24.7%
ISCED11 (3-4)	45.2%	38.7%	46.4%
ISCED11 (5-8)	27.1%	56.9%	28.9%
<u>Gender</u>			
Male	49 %	56.7 %	49.8%
Female	51 %	43.3 %	50.2%

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.

Age and gender from:

<https://www.statistics.gr/portal/page/portal%20/ESYE/PAGE-census2011tables>

Education from http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=edat_lfs_9903&lang=en