

**Comparative Study of Electoral Systems (CSES)
Module 5: Design Report (Sample Design and Data Collection Report)**
2018

Country: TURKEY

Date of Election: June 24, 2018

Prepared by: Ali Çarkoğlu (Koç University) and Selim Erdem Aytaç (Koç University)

Date of Preparation: February 2019

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.

Name: Ali Çarkoğlu Title: Professor of Political Science Organization: Koc University Address: CASE Department of International Relations, Rumelifeneri Yolu Sariyer Istanbul 34450 Turkey Telephone: 90-212-338-1867 Fax: E-Mail: acarkoglu@ku.edu.tr Website: http://case.ku.edu.tr/sites/case.ku.edu.tr/files/cvguide011/ali_carkoglu.pdf	Name: Selim Erdem Aytaç Title: Assistant Professor of Political Science Organization: Koç University Address: CASE Department of International Relations, Rumelifeneri Yolu Sariyer Istanbul 34450 Turkey Telephone: 90-212-338-1184 Fax: E-Mail: saytac@ku.edu.tr Website: http://home.ku.edu.tr/~saytac/
--	---

Name: Title: Organization: Address: Telephone: Fax: E-Mail: Website:	Name: Title: Organization: Address: Telephone: Fax: E-Mail: Website:
---	---

Data Collection Organization:

Organization that conducted the survey field work/data collection:

Organization: Frekans Araştırma Address: Frekans Araştırma Saha ve Bilgi İşlem Hizmetleri Ltd. Şti. Halaskargazi Cad. No:85 D:1 Şişli Istanbul-TURKEY Telephone: 90-212-225-0000 Fax: 90-212-225-0099 E-Mail: frekans@frekans.com.tr Website: http://www.frekans.com.tr/tr_index.html

Funding Organization(s):

Organization(s) that funded the data collection:

Organization: Koç University Address: Rumelifeneri Yolu, Sarıyer, Istanbul - TURKEY Telephone: Fax: E-Mail: Website:www.ku.edu.tr
Organization: Address: Telephone: Fax: E-Mail: Website:

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: Address: Telephone: Fax: E-Mail: Website:
--

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

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:

July 23, 2018

2b. Date Post-Election Interviewing Ended:

September 9, 2018

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:

Turkish

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:

Voting age population of Turkey living in urban as well as rural areas.

Eligibility Requirements

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

Yes

No

If yes, what ages could be interviewed?

18 and above

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?

Less than 1%

If yes, please explain:

People in prisons and hospitals were excluded from the sample.

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?

About 0.62 %

If yes, please explain:

Soldiers (359,273 according to the following link:

<https://www.ntv.com.tr/turkiye/tskdaki-asker-sayisi-aciklandi,nxg9WniFLUWXrWZ9ymj2Aw>)) in active duty living in military bases and

housing were excluded from the sample

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

Please explain:

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:

About 0.96% [prison inmates (192627 as of March 2018) + active duty soldiers (359273)] / [Voting age population (57547968)]

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 sampling procedure adopted starts with the use of Turkish Statistical Institute's (TUIK) NUTS-2 regions. The target sample was distributed according to each region's share of urban and rural population in accordance with the Address Based Population Registration System (ADNKS) records as of the end of 2017. Next, TUIK's block data were used with block size set at 400 residents. Twenty voters were targeted to be reached from each block and no substitution was used. The probability proportionate to population size (PPPS) principle was used in distributing the blocks to NUT1 regions. For each of the 20 addresses up to three visits were carried out with the expectation that approximately 50% of the addresses will have a completed interview. In some rural areas where TUIK was unable to provide addresses we contacted the headman (muhtar) of the village and obtained 20 addresses in a systematic random sample selection from the list of households in the village. Selection of individuals in households is done on the basis of reported target population of 18 years or older in each household according to a lottery method. Names of all reported individuals of 18 years or older are written on cards and a person in the household then is asked to randomly select one card with the name of the individual to be interviewed. Once the individual is selected from the household, then that individual is asked to respond to our questions. If for any reason that individual could not respond to our questions in our first visit, then the same household is visited up to three times until a successful interview is conducted. If after three trials the interview cannot be conducted, then this particular household is dropped from the sample as incomplete interview and no substitution was applied.

12a. What were the primary sampling units?

Address blocks

12b. How were the primary sampling units selected?

Randomly selected

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.

Please see above description in question 11.

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?

Please see above description in question 11.

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

Please see above description in question 11.

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.

Please see above description in question 11.

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

Selection of individuals in households is done on the basis of reported target population of 18 years or older in each household according to a lottery method. Names of all reported individuals of 18 years or older are written on cards and a person in the household then is asked to randomly select one card with the name of the individual to be interviewed. Once the individual is selected from the household, then that individual is asked to respond to our questions. If for any reason that individual could not respond to our questions in our first visit, then the same household is visited up to three times until a successful interview is conducted. If after three trials the interview cannot be conducted, then this particular household is dropped from the sample as incomplete interview and no substitution was applied.

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:

Geographic regions were used to distribute the target sample size.

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):

Only urban/rural stratification was applied.

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 _____ 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):

Interviewers were between 20 to 45 years of age and with 1 to 10 years of experience and high school or higher level of education.

26. Please provide a description of interviewer training:

Interviewers were trained in house by the researchers. Those who cannot attend the training seminar that lasted approximately 3 to 4 hours were asked to attend the training seminar via Skype and asked questions if they were unclear about anything.

Contacts

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

1.2

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

1.2

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

4 contacts

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

4 contacts

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

Maximum 14 days

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:

If the selected person in the household was not present for the interview an appointment was arranged and the visit was made accordingly. If the household could not be reached then the same address was conducted up to two additional separate days at non-work hours.

Refusal Conversion

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

Yes

No

Please describe:

The interviewers were expected to emphasize the scientific nature of our survey and our commitment as university professors not to share the respondents' personal information with anyone.

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:

Our interviewers had a letter from us explaining who we are, the nature of the project and our privacy commitment.

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 contacts

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

Yes

No

If yes, please describe

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:

The standard procedure is to reach one third of the respondents via the phone numbers they provide to us after the interview and 5% are reached by fieldwork supervisors during the fieldwork after their interviews were completed.

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

4% fieldwork supervisor verification and 39.5% verified via telephone

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.)

57%

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:	2120
B. Number of valid households:	2066
C. Number of invalid (non-sample) households:	54
D. Number of households of unknown validity:	0
E. Number of completed interviews:	1069
F. Number of partial interviews:	0
G. Number of refusals and break-offs:	786
H. Number non-contact (never contacted):	117
I. Other non-response:	92

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: other non-response is sum of the frequencies for the following cases: (a) interview cannot be done, (b) incomplete/cancelled interview, (c) no fitting individual for the interview, (d) selected individual being busy.

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 population being studied?

Yes

No

If yes, please explain:

There are deviations from the known population characteristics in terms of gender, age group and education level. So, an appropriate weight is calculated.

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:

National three way cross tabulations exist for sex, education level and age groups. This gives us a 2 by 6 by 5 a total of 60 cells. Age groups are 18-24, 25-34, 35-44, 45-54, 55-64 and 65+. Education levels are "below primary school (illiterates, literates but no diploma categories)", primary school graduates (5 years), secondary school (8 years), highschool graduates, University graduates and above. We have the same 60 cells filled with our sample and calculate the necessary weights to obtain the national aggregates.

There are minor variations in the geographic planned distribution of observations and realized interviews. In order to correct for these deviations in the geographical distributions of our observed sample we also calculate a separate geographic weights. The total weight is obtained as the product of the two weights.

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:

Please see our answer above in 39.

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):

Population Distribution							
Age	Gender	Below Primary	Primary 5 Years	Primary 8 Years	High School	University	Sum
18-24	Male	0.19	0.06	2.91	3.97	0.92	8.1
	Female	0.48	0.10	2.11	3.80	1.23	7.7
25-34	Male	0.33	0.55	3.23	3.20	3.63	10.9
	Female	0.75	1.24	2.73	2.33	3.54	10.6
35-44	Male	0.16	1.81	3.02	3.21	2.52	10.7
	Female	0.60	3.37	2.30	2.24	2.02	10.5
45-54	Male	0.15	2.14	2.78	1.94	1.48	8.5
	Female	0.80	3.63	1.75	1.29	0.87	8.3
55-64	Male	0.25	2.73	1.27	1.17	0.86	6.3
	Female	1.37	3.33	0.63	0.66	0.42	6.4
65+	Male	0.98	2.82	0.46	0.46	0.52	5.2
	Female	3.44	2.48	0.25	0.29	0.21	6.7
	Sum	9.5	24.3	23.4	24.6	18.2	100.0

Sample Distribution							
Age	Gender	Below Primary	Primary 5 Years	Primary 8 Years	High School	University	Sum
18-24	Male	0.10	0.29	1.24	6.48	2.10	10.0
	Female	0.00	0.57	0.95	3.43	2.10	7.1
25-34	Male	0.10	0.67	1.52	3.62	3.24	9.2
	Female	1.14	2.67	2.10	5.05	3.62	14.6
35-44	Male	0.10	1.62	1.43	2.86	2.95	9.0
	Female	1.24	6.29	1.71	3.24	2.76	15.3
45-54	Male	0.19	2.86	0.95	1.71	0.95	6.7

	Female	1.24	5.05	1.33	2.10	0.67	10.4
55-64	Male	0.29	2.76	0.95	1.14	0.57	5.7
	Female	0.76	2.95	0.29	0.95	0.29	5.2
+65	Male	0.29	2.10	0.57	0.48	0.48	3.9
	Female	0.86	1.52	0.29	0.19	0.10	3.0
	Sum	6.3	29.4	13.2	31.3	19.8	100.0

Region of Residence	Realized in the Sample (%)	Population Share (%)	Regional Weights
Istanbul	18.95	18.60	0.98
Western Marmara	4.39	4.34	0.99
Aegean	13.17	12.85	0.98
Eastern Marmara	8.22	9.68	1.18
Western Anatolia	10.27	9.74	0.95
Mediterranean	12.32	12.75	1.03
Central Anatolia	5.14	4.92	0.96
Western Black Sea	6.44	5.66	0.88
Eastern Black Sea	3.73	3.26	0.87
North Eastern Anatolia	1.87	2.71	1.45
Central Eastern Anatolia	5.04	4.77	0.95
South Eastern Anatolia	10.46	10.72	1.03

Characteristic	Population Estimates	Completed Interviews	
		Unweighted Distribution	Weighted Distribution
<u>Age</u>			
18-24	14.8%	16.7%	14.9%
25-44	42.8%	47.1%	42.3%
45-64	29.5%	27.6%	29.3%
65 and over	11.9%	6.7%	11.6%
<u>Education</u>			
None	9.5%	6.9%	9.7%
Incomplete Primary	%	%	%
Primary Completed (5 yrs)	24.3%	29.4%	24.6%
Incomplete Secondary (8 yrs)	23.4%	12.9%	22.9%

Secondary Completed	24.6%	31.0%	24.6%
Post-Secondary Trade/ Vocational	%	%	%
University Incomplete	%	%	%
University Degree	18.2%	19.7%	18.0%
<u>Gender</u>			
Male	49.7%	44.2%	49.3%
Female	50.3%	55.8%	50.7%

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.

<https://biruni.tuik.gov.tr/medas/?kn=130&locale=tr>