Comparative Study of Electoral Systems (CSES)
Module 4: Design Report (Sample Design and Data Collection Report)
September 10, 2012

Country: Bulgaria
Date of Election: 05.10.2014

Prepared by: TNS BBSS
Date of Preparation: 16.03.2015

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: Alina Dobreva Title: Organization: Address: Telephone: Fax: E-Mail: Website:	Name: Title: Organization: Address: Telephone: Fax: E-Mail: Website:
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: TNS BBSS SEE
Address: 23 James Boucher Blvd., Sofia 1164, Bulgaria

Telephone: + 359 2 4224 800
Fax:
E-Mail: contact@tns-bbss.com
Website: www.tns-bbss.com

Funding Organization(s):

Organization(s) that funded the data collection:

Organization: Center for Political Studies (CPS)
Address: Institute for Social Research, University of Michigan
426 Thompson St., Ann Arbor, MI, 48104

Telephone:
Fax:
E-Mail: cps-center@umich.edu
Website: http://www.isr.umich.edu/cps

Organization:
Address:

Telephone:
Fax:
E-Mail:
Website:

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:
        [X] Post-Election Study
        [ ] Pre-Election/Post-Election Panel Study
        [ ] Between Rounds

2a. Date Post-Election Interviewing Began:
        23.01.2015

2b. Date Post-Election Interviewing Ended:
        31.01.2015

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.)
        [X] In person, face-to-face
        [ ] Telephone
        [ ] Mail or self-completion supplement
        [ ] Internet

4a. Was the survey part of a panel study?
        [ ] Yes
        [X] 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
        [X] Yes, by specially trained translator(s)
        [ ] No, not translated

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

7a. If the questionnaire was translated, was the translated questionnaire assessed/checked or evaluated?
        [X] 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
        [X] No
        [ ] Not applicable

7c. If the questionnaire was translated, were there any questions which caused problems when translating?
        [ ] Yes
        [X] 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:
~~Bulgarian a~~Adult population (18 years old +) of people living in Bulgaria

Eligibility Requirements

9a. Must a person be a certain age to be interviewed?
[X] Yes
[ ] No

If yes, what ages could be interviewed?
18+

9b. Must a person be a citizen to be interviewed?
[ ] Yes
[X] No

9c. Must a person be registered to vote to be interviewed?
[ ] Yes
[X] No

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Every Bulgarian citizen is automatically registered to vote (unless in prison
for serious matters and so on). Therefore, in practice all interviewees are
registered to vote.
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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
[X] 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?
[X] Yes
[] No

If yes, what percent of the total eligible population did this exclude from the sample frame? 3 %

If yes, please explain: Access to certain institutions is not allowed (penitentiary institutions, hospitals with special regime / treating specific diseases, e.g. mental; retirement homes,..).
Please note that there is no precise statistics about the number of people in such kind of institutions, therefore the figure above is just a rough estimation.

10c. Were military personnel excluded from the sample?
[ ] Yes
[X] 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? _____ %

       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
       [X] 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: 3 %
       Please also check the notes after 10b above.

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.

Double-clustered national representative sample with starting address and a random-walk route with definite rules for household and respondents' selection via next birthday method, strictly followed by the interviewers

12a. What were the primary sampling units?

Sampling points with 8 interviews in each SP

12b. How were the primary sampling units selected?

The units were selected based on the population statistics on the geographical distribution of regions, settlement types, settlement sizes

12c. Were the primary sampling units randomly selected?
    [X] 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.

By randomly selected starting point in the respective settlement

13. Were there further stages of selection?
    [ ] Yes
    [X] 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?

Via next birthday method

14b. Could more than one respondent be interviewed from a single household?
[ ] Yes
[X] No

If yes, please explain:

15. Did the sample design include clustering at any stage?
[] Yes
[X] 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.

      [X] Yes
      [ ] No

      If yes, please describe (please include the list of characteristics used for stratification):
      Geographic – stratification by regions NUTSII level

17. Was quota sampling used at any stage of selection?
      [ ] Yes
      [X] No

      If yes, please describe:

18. Was substitution of individuals permitted at any stage of the selection process or during fieldwork?
      [ ] Yes
      [X] No

      If yes, please describe:

19. Under what circumstances was a household designated non-sample? Please check all that apply:
      [X] Non-residential sample point
      [X] All members of household are ineligible
      [X] Housing unit is vacant
      [X] No answer at housing unit after ____3___ callbacks
      [ ] Other (Please explain):

20. Were non-sample replacement methods used?
      [ ] Yes
      [X] 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
       [X] No

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

24b. Prior to the study, was a payment sent to the respondent?
       [ ] Yes
       [X] No

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

24c. Prior to the study, was a token gift sent to the respondent?
       [ ] Yes
       [X] 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
       [X] No

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

24e. Were any other incentives used?
       [ ] Yes
       [X] No

       If yes, please describe:

Interviewers

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

About 65 interviewers participated in the survey at age 35-60 years, all of them with big experience in interviewing, some of them with more than 15 years of experience. The interviewers have at least secondary education, with majority of them having third level (university degree) education.

26. Please provide a description of interviewer training:

For the current survey all participating interviewers have been carefully trained and instructed by the supervisors about its specifics. Also, all received written instructions.

Contacts

27a. What was the average number of contact attempts made per household, for the entire sample?
1.10

27b. For households where contact was made, what was the average number of contact attempts prior to first contact?
1.07

27c. During the field period, how many contacts were made with the household before declaring it a **non-sample?**
1-4 (depending on the non-sample type)

28d. During the field period, how many contacts were made with the household before declaring it a **non-interview?**
1-4

28e. During the field period, what were the maximum number of days over which a household was contacted?
4

28f. During the field period, did interviewers vary the time of day at which they re-contacted the household?
    [X] Yes
    [ ] No

    If yes, please describe:

They've been going back at different day and time of the day, so they have better chance to make a contact with the respective household.

Refusal Conversion

29a. Were efforts made to persuade respondents who were reluctant to be interviewed?
[X] Yes
[ ] No

Please describe:

Reluctant respondents are being told, that:
- they have been randomly selected
- their participation and opinion is very important for the purposes of the study
- their personal data will be kept strictly anonymous
- their answers will be used only in summarized statistical mode

29b. Were respondents who were reluctant to be interviewed sent a letter persuading them to take part?
[ ] Yes
[X] 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
[X] No

If yes, how much?

29d. Were respondents who were reluctant to take part turned over to a more experienced interviewer?
[ ] Yes
[X] No

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

29f. Were any other methods used to persuade respondents reluctant to be interviewed to take part?
[ ] Yes
[X] 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?
        [X] Yes
        [ ] No

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

        Phone call-backs by the central office, f2f back-checks by independent network of controllers

        If yes, please indicate the percent of completed surveys that were verified: 10 %

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.)

Response rate: 57%
It equals number of effective interviews / sum of effective, partial, refusals, break-offs

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: 2170

B. Number of valid households: 2142
C. Number of invalid (non-sample) households: 28
D. Number of households of unknown validity: 0

E. Number of completed interviews: 1002
F. Number of partial interviews: 0
G. Number of refusals and break-offs: 748
H. Number non-contact (never contacted):   196
I. Other non-response: 196

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 that zero (0), please describe what cases fall into this category: Target respondent not available (short / long term absence), Agreement for another visit that didn't happen

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?
    [X] Yes
    [] No

    If yes, please explain: Weights used to compensate normal deviations in terms of gender, age, urbanization level, region

38. Are weights included in the data file?
    [X] Yes
    [ ] No

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

    Weight matrix based on the information about the statistical distribution of the population according to National Statistical Institute of Bulgaria.
    Variables included in the matrix: gender, age groups, urbanization level (urban/rural), region (NUTSII level)

40a. If weights are included in the data file, are the weights designed to compensate for disproportionate probability of selection?
    [X] Yes
    [] No

    If yes, please describe: Please see point 39 above

40b. If weights are included in the data file, are the weights designed to match known demographic characteristics of the population?
    [X] Yes
    [ ] No

    If yes, please describe:

40c. If weights are included in the data file, are the weights designed to correct for non-response?
    [ ] Yes
    [X] 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
[X] 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
Age			
18-24	10,38%	12.27 %	11.42 %
25-39	25,48%	21.96 %	23.99 %
40-64	42,05%	44.81 %	41.21 %
65 and over	22,09%	20.96%	23.38 %
Education			
None	1.2%	0.39 %	0.34 %
Incomplete Primary	-	2.20 %	2.11 %
Primary Completed	23.1%	12.48 %	13.27 %
Incomplete Secondary	-	-	-
Secondary Completed	43.4%	59.08 %	58.95 %
Post-Secondary Trade/ Vocational		3.29 %	3.23 %
University Incomplete	-	-	-
University Degree	19.6%	22.26 %	21.83 %
Refusal		0.30 %	0.27 %
Gender			
Male	48.7%	48.50 %	48.10 %
Female	51.3%	51.50 %	51.90 %

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.

2011 Population Census - main results:
http://www.nsi.bg/census2011/PDOCS2/Census2011final_en.pdf

Age: http://censusresults.nsi.bg/Census/Reports/2/2/R1.aspx

Education (available in Bulgarian only):
 http://censusresults.nsi.bg/Census/Reports/1/2/R6.aspx