

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

September 10, 2012

Country: Switzerland
Date of Election: October 23, 2011

Prepared by: Nicolas Pekari / Georg Lutz
Date of Preparation: September 2013

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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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: DemoSCOPE
RESEARCH & MARKETING
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Funding Organization(s):

Organization(s) that funded the data collection:

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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: FORS Address: FORS C/O Université de Lausanne, Géopolis CH-1015 Lausanne Telephone: +41 21 692 37 30 Fax: +41 21 692 37 35 E-Mail: Website: www.fors.unil.ch
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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:

October 24 2011

2b. Date Post-Election Interviewing Ended:

November 24, 2011 (CATI), December 12, 2011 (MAIL/CAWI)

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:

German, French, Italian

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:

All Swiss citizens residing in Switzerland who were at least 18 years old in the beginning of October 2011.

Eligibility Requirements

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

Yes

No

If yes, what ages could be interviewed?

Minimum age of 18.

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

Automatically registered.

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? 15 %

Please explain:

The Swiss election study had access to a new sampling frame that includes all individuals (not households) resident in Switzerland and is provided and maintained by the Swiss Federal Statistical Office. Information on sampled individuals includes their marital status, age, sex in addition to their address information. However no telephone numbers are only provided by a selection of the addresses (about 2/3), the others have to be searched through different other registers.

15% is the percentage of individuals for whom no phone number could be matched to our sampling frame by the Federal Statistical Office or additional efforts. It is close to other estimates of households without a *registered* landline and/or mobile phone.

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?

See above. These were sampled and accounted for about 12% of the whole sample, but the Federal Statistical Office could not deliver them due to data protection issues. However, for about 40% of these, a number could be found by matching with other databases and by searching for them manually. Thus about 7% of the total sample was excluded from the survey due to the fact that they had an unlisted telephone number.

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:

The coverage of the sampling frame is almost 100%, for Swiss living in Switzerland. Only Swiss living abroad are not included in the sampling frame (2.6% or 135'000 registered out of 5.1 Mio potential voters in total).

10g. Please estimate the total percentage of the eligible population excluded from the sample frame: 0 % (13% no phone number could be found)

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 sample was drawn by the Federal Statistical office from the frame of individuals residing in Switzerland, based on population and additional registers.

12a. What were the primary sampling units?

Individuals, smaller electoral districts were oversampled.

12b. How were the primary sampling units selected?

Poisson sampling.

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.

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?

See above

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

Yes

No

If yes, please explain:

Only theoretically at this stage, since the sampling process could not assure that more than one person per household is selected. However since this is extremely unlikely, to our knowledge this did not happen.

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):

The sample size was adjusted to have a minimum of 100 respondents per canton in each of the 26 cantons and to have at least 600 respondents in the cantons of Zurich, Geneva, and Tessin.

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:

A 20CHF incentive was sent to those individuals for whom a phone number could not be found, asking them to provide a phone number where they could be reached.

Interviewers

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

26. Please provide a description of interviewer training:

Interviewer training was conducted at the beginning of the study by the survey institute with the collaboration of the head of project and research team. The survey was presented and the more complicated questions explained. The training was done in groups, face to face training, and written documentation was given. The calls were regularly monitored by the research team and feedback was given on the performance and problems with particular questions or interviewers.

Contacts

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

17.

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

11.

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

70.

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?

There was no maximum number.

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:

This was done randomly.

Refusal Conversion

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

Yes

No

Please describe:

Towards the end of the field period, certain experienced interviewers contacted again individuals who had previously refused to try to convince them to take part in the study.

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?

One.

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:

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.)

28.5% (=E/B).

Our sample comes from a sampling frame of *individuals*, which have been selected as they should be eligible (Swiss nationality, >17 years old). The only invalid cases are individuals who have deceased or moved out.

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 <i>individuals</i> in sample:	15620
B. Number of valid <i>individuals</i> :	15401
C. Number of invalid (non-sample) <i>individuals</i> :	219
D. Number of <i>individuals</i> of unknown validity:	0
E. Number of completed interviews:	4391
F. Number of partial interviews:	9
G. Number of refusals and break-offs:	3541
H. Number non-contact (never contacted):	4274
I. Other non-response:	3186

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:

Ability issues (too old, sick, speaks no national language, is on holidays, hearing issues, feels overburdened), appointment made for after fieldwork end, availability issues (unable to contact person within the household), refused by the agent (exact definition unclear, small number of cases).

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:

Design weight needs to be used to correct for oversampling of small cantons and the three larger cantons where the sample was increased.

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:

→ See appendix.

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:

See 37.

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:

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:

Correction of overrepresentation of voters and bias in party choice.

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>			
18-25	12.0%	12.5%	11.9%
26-40	21.4%	17.2%	17.6%
41-64	42.3%	46.7%	46.5%
65 and over	24.3%	23.6%	23.9%
<u>Education</u>			
None	0.3%	0.3%	0.3%
Incomplete Primary	0.5%	na	na
Primary Completed	12.4%	8.8%	8.1%
Incomplete Secondary	na	na	na
Secondary Completed	59.0%	56.3%	57.8%
Post-Secondary Trade/ Vocational	11.9%	12.8%	13.0%
University Incomplete	na	na	na
University Degree	15.9%	21.8%	20.8%
<u>Gender</u>			
Male	47.5%	48.3%	48.4%
Female	52.5%	51.7%	51.6%

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.

http://www.bfs.admin.ch/bfs/portal/en/index/infothek/erhebungen_quellen/blank/blank/enquete_suisse_sur/00.html

The numbers indicated in the table are from the Swiss Labour Force Survey. To have the information on only individuals 18 years or older and with Swiss nationality, the microdata was consulted and thus the information cannot be directly found from the website.