

Comparative Study of Electoral Systems (CSES) Module 3: Sample Design and Data Collection Report

June 05, 2006

Country: Date of Election: Prepared by: Date of Preparation:

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: Puls Address: Šime Ljubića 37, Split Telephone: + 385 21 430 430 Fax: :+ 385 21 430 444 E-Mail: puls@puls.hr Website: www.puls.hr
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Funding Organization(s):

Organization(s) that funded the data collection:

Organization: Faculty of Political Science, University of Zagreb Address: Lepušićeva 6, HR 10000 Zagreb, Croatia Telephone: +385 1 4642000 Fax: +385 1 4655316 E-Mail: dekanat@fpzg.hr Website: www.fakultet.fpzg.hr
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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: : Faculty of Political Science, University of Zagreb Address: Lepušićeva 6, HR 10000 Zagreb, Croatia Telephone: +385 1 4642000 Fax: +385 1 4655316 E-Mail: gcular@fpzg.hr Website: www.fakultet.fpzg.hr
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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

2a. Date Post-Election Interviewing Began:

March 10, 2008

2b. Date Post-Election Interviewing Ended:

April 03, 2008

3. Mode of (post-election) interview:

- 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:

Croatian

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:
Residents of Croatia, 18 years or older.

Eligibility Requirements

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

Yes

No

If yes, what ages could be interviewed?

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

9d. Please list any other interviewing requirements or filters used:
none

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?

0,7 %

If yes, please explain:

Among excluded persons are those in health care institutions, elderly care institutions, military barracks, religious organizations and other (Census data).

10c. Were military personnel excluded from the sample?

Yes

No (except institutionalized, in military barracks)

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

No

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

Not available

If yes, please explain:

People with visual and hearing disabilities are excluded.

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

0,7% (estimation based on Census data)

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.

Representative, two-way stratified multistage sample. Stratification was performed by region and settlement size. Within each stratum settlements were chosen with probability proportionate to size. In the next stage households were selected using random starting point and random walk methods. In the final stage, respondents were selected among household members using the TBC method.

12a. What were the primary sampling units?

Settlements.

12b. How were the primary sampling units selected?

PPS (“probability proportionate to size”) according to size of population older than 15, based on Census data. Largest settlements in all regions are always 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.

PSUs were selected with probability proportional to size. That implies random selection of settlement with population less than 2000, while the largest cities in all regions are mandatory part of the sample.

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.

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

Households were selected using “random starting points method” and “random walk method”.

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?

Random selection in household using TCB (Troldahl-Carter-Bryant) method.

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):

Two-way stratification based on the following:

- 6 traditional Croatian regions defined as groups of counties
- Settlement size (4 groups: up to 2.000 inhabitants, 2.001- 10.000 inhabitants, 10.001 – 100.000 inhabitants, more than 100.000 inhabitants)

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):

Average experience of the interviewers is five months, and of the local supervisors five years.

26. Please provide a description of interviewer training:

Researchers, coordinators and interviewers study the questionnaire, research instructions and the general context of research and simulate known and predictable situations during the fieldwork.

Contacts

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

Not available

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

Not available

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

Not available

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

Not available

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

Not available

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:

Interviewers were instructed to vary the time of return visits.

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?

None.

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:
Confirmation by telephone.

If yes, please indicate the percent of completed surveys that were verified:
For every interviewer, 15% of questionnaires are regularly checked and confirmed by telephone.

Response Rate

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 was 49%.

32. Please provide the following statistics for the survey that the CSES Module appeared in. Note: 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:	2060
B. Number of valid households:	1000
C. Number of invalid (non-sample) households:	NA
D. Number of households of unknown validity:	1060
E. Number of completed interviews:	1000
F. Number of partial interviews:	NA
G. Number of refusals and break-offs:	NA
H. Number non-contact (never contacted):	NA
I. Other non-response:	NA

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:

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:

The sample structure differs from the total population structure on selected demographic variables.

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:

We provide two RIM weights constrained to 0.3 – 3.0 range with marginal totals of the following variables:

1) Region, settlement size, gender, age, education

2) Region, settlement size, gender, age, education + vote on last elections

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:

We use Census data to calculate the margins of demographic variables previously mentioned.

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:

One of the weights that are provided makes such a correction, based on the final election results for the votes casted in Croatia in addition to the socio-demographic variables.

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	13,9 %	10,8 %	11,6 %
26-40	26,2 %	23,3 %	26,7 %
41-64	40,0 %	41,2 %	38,4 %
65 and over	19,9 %	24,5 %	23,2 %
<u>Education</u>			
None	3,1 %	1,7 %	1,9 %
Incomplete Primary	16,8 %	8,4 %	9,0 %
Primary Completed	18,0 %	16,0 %	20,4 %
Incomplete Secondary	Not available	4,7 %	6,5 %
Secondary Completed	49,2 %	52,8 %	49,6 %
Post-Secondary Trade/ Vocational	4,5 %	7,5 %	5,5 %
University Incomplete	Not available	1,3 %	1,0 %
University Degree	8,6 %	7,6 %	6,0 %
<u>Gender</u>			
Male	47,3 %	43,8 %	47,3 %
Female	52,7 %	56,2 %	52,7 %

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.

Census 2001 ("Popis stanovništva 2001.", Državni zavod za statistiku), <http://www.dzs.hr/>