

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

September 14, 2016

Country: Denmark

Date of Election: June 5<sup>th</sup> 2019

Prepared by: Kasper Møller Hansen/ Sidsel Sofie Poulsen

Date of Preparation: June 30<sup>th</sup> 2021/oct 04 2001

### 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: Epinion A/S  
Address:  
**Epinion, Head office**  
Ryesgade 3F  
2200 Copenhagen N  
Denmark  
  
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**Funding Organization(s):**

Organization(s) that funded the data collection:

Organization: Carlsberg Foundation (Carlsbergfondet)  
Address:  
H.C. Andersens Boulevard 35  
1553 København K  
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E-Mail: [Carlsbergfondet@carlsbergfondet.dk](mailto:Carlsbergfondet@carlsbergfondet.dk)  
Website: <https://www.carlsbergfondet.dk/en>

### **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: Danish National Archives  
Address:  
The Black Diamond  
Søren Kierkegaards Plads 1  
1221 Copenhagen K

Telephone: +45 33 92 33 10  
E-Mail: mailbox@sa.dk  
Website: <https://www.sa.dk/en/the-danish-election-survey-1971-2019/>

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 (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:

June 6<sup>th</sup> 2019

2b. Date Post-Election Interviewing Ended:

September 28<sup>th</sup> 2019

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:

Danish

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: Compared to other Scandinavian translations and previous translation of the questions\_\_
- No
- Not applicable

7b. If the questionnaire was translated, was the questionnaire pre-tested?

- Yes
- No --- but most of the question have been asked previously
- 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:

The Danish voter population, i.e. all eligible and voting right holders in Denmark, meaning they should be Danish citizens, all Danish citizens over the age of 18 are automatically registered as voters (if Danish citizens and permanent live in the country).

### **Eligibility Requirements**

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

Yes

No

If yes, what ages could be interviewed?

18 years old and above as the right to vote is for people 18 years old or 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 – but all voters are automatically registered

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? \_\_\_\_\_ %

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? \_\_\_\_\_ %

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. If interviews were conducted via the Internet, what is the estimated percentage of households without access to the Internet? \_\_\_\_\_ less than 2 %

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:

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: \_\_\_\_\_ 0\_ %

## 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 sample is based on the Danish person register (CPR-register) wherein all Danish citizens and long-term inhabitants of Denmark must be registered. Therefore, it is possible to make a simple randomly selected sample from all Danish citizens who are registered as voters, as it is register data.

All eligible voters have the same probability of being sampled for the study among the entire eligible population. No stratification nor quota.

12a. What were the primary sampling units?

Random sample of all voters (from CPR-register)

12b. How were the primary sampling units selected?

Randomly on individual voter

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?  
From the random sample

On their social security number (and name and address). We have their postal address. They were all contacted by postal mail as well as “digital mail”. It mandatory for the population to have a digital mail (with few exceptions).

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

Yes

No

If yes, please explain:

Yes, as they were randomly selected

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 \_\_\_\_\_ 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:

The sample was still based on the random sample from the register

23. For surveys conducted on the Internet, did respondents self-select into the survey, at any stage?

Yes

No

Please explain:

They were chosen randomly but they could themselves select if they wanted to answer

## Incentives

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

Yes

No

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

The full design report for the study is included. There all the letters are available.

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:

There was a lottery in order to increase response rate. Please see available full design report.

## **Interviewers**

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

Internet based, no interviewees

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

Internet based, no interviewees

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

Internet based, no interviewees

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:

Internet based, no interviewees

## Contacts

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

Three rounds of reminders to make more people answer the questionnaire.

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

Not applicable

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

Three

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

Not applicable

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

The entire sampling period (app. 3 months)

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:

See full Danish report for details

## 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:

See Danish report

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?

Not applicable internet based

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 survey were personally sent by Danish digital post which is safe and verified by a personal access coding system.

If yes, please indicate the percent of completed surveys that were verified: \_\_35,7\_ %

## 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.)

35,7%

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:	3976 people not households
B. Number of valid households:	_____
C. Number of invalid (non-sample) households:	_____
D. Number of households of unknown validity:	_____
E. Number of completed interviews:	1418
F. Number of partial interviews:	153
G. Number of refusals and break-offs:	928
H. Number non-contact (never contacted):	_____
I. Other non-response:	1477

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:

I is simply people not replying to our many contact attempts. They have been contacted many times with different modes.

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.

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

<b>Education</b>	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:

For geography, age, education and gender, there are made weights to use for analyzing the data.

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:

Geography \* age \* gender + education + party choice 2019 is the overall weight

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:

Yes as we have very detailed information about this from Statistic Denmark

40c. If weights are included in the data file, are the weights designed to correct for non-response?

Yes

No

If yes, please describe:

As it is disproportionate who did not respond.

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:

If you apply the weight and exclude non-voters, you will get the official election result.

41. Comparison of Completed Interviews to Population (please provide as percentages of the total):

Characteristic	<u>Completed Interviews</u>		
	<u>Population Estimates</u>	<u>Unweighted Distribution</u>	<u>Weighted Distribution</u>
<u>Age</u>			
18-29	18,9%	14,1%**	19,1%
30-39	13,1%	12,6%	12,8 %
40-49	16,0%	16,4%	16,0 %
50-59	17,7%	20,4%*	17,7 %
60-69	15,1%	18,8%**	15,1 %
70 and over	19,2%	17,7%	19,2 %
<u>Education</u>			
None	%	%	%
Incomplete Primary	%	%	%
Primary Completed	25,1%	13,5%**	25,9 %
Incomplete Secondary	%	%	%
Secondary Completed	40,4%	32,5%**	41,6 %
Post-Secondary Trade/ Vocational	5,2%	7,0%**	5,1%
University Incomplete	%	%	%
University Degree	29,2%	47%**	28,4%
<u>Gender</u>			
Male	49,3%	49,5%	49,3%
Female	50,7%	50,5%	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.

The Statistics Denmark conduct population surveys and estimations based on register data quarterly:

<https://www.dst.dk/en/Statistik/emner/befolkning-og-valg/befolkning-og-befolkningsfremskrivning/folketal>