

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
LELD141	LOC. EL. 1981, LIST UP, VALID VOTES		I	-	44701
LELD142	LOC. EL. 1981, LIST UP, PERSONAL VOTES		I	-	38425
LELD143	LOC. EL. 1981, LIST UP, CANDIDATES ELECTED		I	-	128
LELD144	LOC. EL. 1981, LIST UP, FEM. CAND. ELECTED		I	-	20
LELD145	LOC. EL. 1981, LIST UP, MAYOR'S OFFICE		I	-	
	0: List aggregation has no mayor's office.....				269
	1: List aggregation has the mayor's office.....				6
	Number of valid units.....				275
LELD146	LOC. EL. 1981, LIST MC, LISTS IN AGGREG.		I	-	126
<p>Counts number of lists in defined aggregation. See section 8. LIST MC includes <u>Middle-Class lists</u>, list-numbers 401 to 499. See section 8.6.</p>					

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
LELD147	LOC. EL. 1981,LIST MC,CANDIDAT ES PUT UP		I	-	907
LELD148	LOC. EL. 1981,LIST MC,FEM. CAN D. PUT UP		I	-	216
LELD149	LOC. EL. 1981,LIST MC,VALID VO TES		I	-	51021
LELD150	LOC. EL. 1981,LIST MC,PERSONAL VOTES		I	-	45546
LELD151	LOC. EL. 1981,LIST MC,CANDIDAT ES ELECTED		I	-	166
LELD152	LOC. EL. 1981,LIST MC,FEM. CAN D. ELECTED		I	-	31
LELD153	LOC. EL. 1981,LIST MC,MAYOR'S OFFICE		I	-	
	0: List aggregation has no mayor's office.....				13
	1: List aggregation has the mayor's office.....				262
	Numbers of valid units.....				275

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
LELD154	LOC. EL. 1981,LIST SC,LISTS IN AGGREG.		I	-	76
<p>Counts number of lists in defined aggregation. See section 8. LIST SC includes <u>SoCialist lists</u>, list-numbers 501 to 599. See section 8.5.</p>					
LELD155	LOC. EL. 1981,LIST SC,CANDIDAT ES PUT UP		I	-	636
LELD156	LOC. EL. 1981,LIST SC,FEM. CAN D. PUT UP		I	-	255
LELD157	LOC. EL. 1981,LIST SC,VALID VO TES		I	-	27067
LELD158	LOC. EL. 1981,LIST SC,PERSONAL VOTES		I	-	18985
LELD159	LOC. EL. 1981,LIST SC,CANDIDAT ES ELECTED		I	-	44
LELD160	LOC. EL. 1981,LIST SC,FEM. CAN D. ELECTED		I	-	18

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
LELD161	LOC. EL. 1981, LIST SC, MAYOR'S OFFICE		I	-	
	0: List aggregation has no mayor's office.....				275
	1: List aggregation has the mayor's office.....				0
	Number of valid units.....				275
LELD162	LOC. EL. 1981, LIST LC, LISTS IN AGGREG.		I	-	181
	Counts number of lists in defined aggregation. See section 8. LIST LC includes <u>LoCal lists</u> , list-numbers 601 to 699. See section 8.6				
LELD163	LOC. EL. 1981, LIST LC, CANDIDATES PUT UP		I	-	1252
LELD164	LOC. EL. 1981, LIST LC, FEM. CAND. PUT UP		I	-	323
LELD165	LOC. EL. 1981, LIST LC, VALID VOTES		I	-	88792
LELD166	LOC. EL. 1981, LIST LOC, PERSONAL VOTES		I	-	78162

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
LELD167	LOC. EL. 1981,LIST LC,CANDIDAT ES ELECTED		I	-	198
LELD168	LOC. EL. 1981,LIST LC,FEM. CAN D. ELECTED		I	-	33
LELD169	LOC. EL. 1981,LIST LC,MAYOR'S OFFICE		I	-	
	O: List aggregation has no mayor's office.....				160
	1: List aggregation has the mayor's office.....				15
	Number of valid units.....				175
LELD170	LOC. EL. 1981,LIST IS,LISTS IN AGGERG.		I	-	37
	Counts number of lists in defined aggregation. See section 8. LIST IS includes <u>IsSue-lists</u> , list-numbers 701 to 799. See section 8.6.				
LELD171	LOC. EL. 1981,LIST IS,CANDIDAT ES PUT UP		I	-	164
LELD172	LOC. EL. 1981,LIST IS,FEM. CAN D. PUT UP		I	-	54

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
LELD173	LOC. EL. 1981,LIST IS,VALID VO TES		I	-	14005
LELD174	LOC. EL. 1981,LIST IS,PERSONAL VOTES		I	-	10029
LELD175	LOC. EL. 1981,LIST IS,CANDIDAT ES ELECTED		I	-	7
LELD176	LOC. EL. 1981,LIST IS,FEM. CAN D. ELECTED		I	-	3
LELD177	LOC. EL. 1981,LIST IS,MAYOR'S OFFICE		I	-	
	O: List aggregation has no mayor's office.....				275
	1: List aggregation has the mayor'S office.....				0
	Number of valid units.....				275
LELD178	LOC. EL. 1981,LIST MS,LISTS IN AGGREG.		I	-	26
	Counts number of lists in defined aggregation. See section 8. LIST MS includes <u>MiScellaneous lists</u> , list-numbers 801 to 899. See section 8.6.				

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
LELD179	LOC. EL. 1981, LIST MS, CANDIDATES PUT UP		I	-	127
LELD180	LOC. EL. 1981, LIST MS, FEM. CAND. PUT UP		I	-	37
LELD181	LOC. EL. 1981, LIST MS, VALID VOTES		I	-	9089
LELD182	LOC. EL. 1981, LIST MS, PERSONAL VOTES		I	-	6686
LELD183	LOC. EL. 1981, LIST MS, CANDIDATES ELECTED		I	-	11
LELD184	LOC. EL. 1981, LIST MS, FEM. CAND. ELECTED		I	-	0
LELD185	LOC. EL. 1981, LIST MS, MAYOR'S OFFICE		I	-	
	0: List aggregation has no mayor's office.....				275
	1: List aggregation has the mayor's office.....				0
	Number of valid units.....				275

Data: County Elections, november 17, 1981

Source: Valgene til de kommunale og amtskommunale råd, hæfte 1,
tabel V, Danmarks Statistik, nr. 4, 1983

Variables: CELD1 to CELD20 (20 variables)

Number of valid units: 273

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
CELD1	County ELEC. 1981,ELECTORS		I	-	3331777
CELD2	COUNTY ELEC. 1981,VOTES CAST		I	-	2482245
CELD3	COUNTY ELEC. 1981,BLANK VOTES		I	-	84560
CELD4	COUNTY ELEC. 1981,OTHER INVALID D VOTES		I	-	4242
CELD5	COUNTY ELEC. 1981,VALID VOTES CAST		I	-	2393443
CELD6	COUNTY ELEC. 1981,LIST A,VALID VOTES		I	-	857466
CELD7	COUNTY ELEC. 1981,LIST B,VALID VOTES		I	-	148987
CELD8	COUNTY ELEC. 1981,LIST C,VALID VOTES		I	-	391724

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
CELD9	COUNTY ELEC. 1981,LIST E VALID VOTES		I	-	26059
CELD10	COUNTY ELEC. 1981,LIST F,VALID VOTES		I	-	146596
CELD11	COUNTY ELEC. 1981,LIST I,VALID VOTES		I	-	509
CELD12	COUNTY ELEC. 1981,LIST K,VALID VOTES		I	-	39258
CELD13	COUNTY ELEC. 1981,LIST M,VALID VOTES		I	-	39408
CELD14	COUNTY ELEC. 1981,LIST Q,VALID VOTES		I	-	44023
CELD15	COUNTY ELEC. 1981,LIST R,VALID VOTES		I	-	744
CELD16	COUNTY ELEC. 1981,LIST S,VALID VOTES		i	-	6285
CELD17	COUNTY ELEC. 1981,LIST V,VALID VOTES		I	-	457565

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
CELD18	COUNTY ELEC. 1981, LIST Y, VALID VOTES		I	-	47195
CELD19	COUNTY ELEC. 1981, LIST Z, VALID VOTES		I	-	177049
CELD20	COUNTY ELEC. 1981, OTHER LISTS, VAL. VOTES		I	-	10575
	include non-party lists				

Data: General Election, December 8, 1981

Source: Statistiske Meddelelser 1982:7

Variables: GELF1 to GELF19 (19 variables)

Number of valid units: 276 or 336

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
GELF1	GEN. ELEC. 1981 ELECTORS		I	+	3775333
GELF2	GEN. ELEC. 1981, TOTAL VOTES CAST		I	+	3143444
GELF3	GEN. ELEC. 1981, BLANK VOTES		I	+	15289
GELF4	GEN. ELEC. 1981, OTHER INVALID VOTES		I	+	4592
GELF5	GEN. ELEC. 1981, TOTAL VALID VOTES CAST		I	+	3123563
GELF6	GEN. EL. 1981, VALID VOTES, A, SOCIAL-DEM.		I	+	1026726
GELF7	GEN. EL. 1981, VALID VOTES, B, RADICAL LIB.		I	+	160053
GELF8	GEN. EL. 1981, VALID VOTES, C, CONSERVATIVE.		I	+	451478

Variable name	Variable label	pos. 30	Ty- pe	Sub unit	Sum
GELF9	GEN. EL. 1981,VALID VOTES,E,JU STICE P.		I	+	45174
GELF10	GEN. EL. 1981,VALID VOTES,F,SO C. PEO. P.		I	+	353373
GELF11	GEN. EL. 1981,VALID VOTES,I,SO C. WOR. P.		I	+	2034
GELF12	GEN. EL. 1981,VALID VOTES,K,CO MMUNISTS		I	+	34625
GELF13	GEN. EL. 1981,VALID VOTES,M,CE NTRE DEM.		I	+	258522
GELF14	GEN. EL. 1981,VALID VOTES,Q,CH R. PEO. P.		I	+	72174
GELF15	GEN. EL. 1981,VALID VOTES,R,CO M. WOR. P.		I	+	4223
GELF16	GEN. EL. 1981,VALID VOTES,V,LI BERAL P.		I	+	353280
GELF17	GEN. EL. 1981,VALID VOTES,Y,LE PT SOCIAL.		I	+	82711

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
GELF18	GEN. EL. 1981,VALID VOTES,Z,PR OGRESS P.		I	+	278383
GELF19	GEN. EL. 1981,VALID VOTES,OUTS IDE THE P.		I	+	807

Data: General Election, January 10., 1984

Source: Unpublished data from Danmarks Statistik

Variables: GELG1 to GELG19

Number of valid units: 276 or 336

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
GELG1	GEN. ELEC. 1984,ELECTORS		I	+	3829604
GELG2	GEN. ELEC. 1984,TOTAL VOTES CA ST		I	+	3386733
GELG3	GEN. ELEC. 1984,BLANK VOTES		I	+	19750 ¹⁾
GELG4	GEN.ELEC. 1984,OTHER INVALID VOTES		I	+	4984 ¹⁾
GELG5	GEN. ELEC. 1984, TOTAL VALID VO TES CAST		I	+	3361999 ¹⁾
GELG6	GEN. EL. 1984,VALID VOTES,A,SO CIAL-DEM.		I	+	1062586 ¹⁾
GELG7	GEN. EL. 1984,VALID VOTES,B,RA DICAL LIB.		I	+	184634 ¹⁾
GELG8	GEN. EL. 1984,VALID VOTES,C,CO NSERVATIV.		I	+	788224 ¹⁾

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
GELG9	GEN. EL. 1984, VALID VOTES, E, JUSTICE P.		I	+	50374 ¹⁾
GELG10	GEN. EL. 1984, VALID VOTES, F, SCOT. PEO. P.		I	+	387112 ¹⁾
GELG11	GEN. EL. 1984, VALID VOTES, I, SCOT. WOR. P.		I	+	2149 ¹⁾
GELG12	GEN. EL. 1984, VALID VOTES, K, COMMUNISTS		I	+	23084 ¹⁾
GELG13	GEN. EL. 1984, VALID VOTES, L, MARR. , L. P.		I	+	978 ¹⁾
GELG14	GEN. EL. 1984, VALID VOTES, M, CENTRE DEM.		I	+	154555 ¹⁾
GELG15	GEN. EL. 1984, VALID VOTES, Q, CHUR. PED. P.		I	+	91629 ¹⁾
GELG16	GEN. EL. 1984, VALID VOTES, V, LIBERAL P.		I	+	405726 ¹⁾
GELG17	GEN. EL. 1984, VALID VOTES, Y, LEFT SOCIAL.		I	+	89359 ¹⁾

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
GELG18	GEN. EL. 1984,VALID VOTES,Z,PR OGRESS P.		I	+	120633 ¹⁾
GELG19	GEN. EL. 1984,VALID VOTES,OUTS IDE THE p.		I	+	956 ¹⁾

- 1) Owing to a later revision of postal votes there are minor differences between the reported figures and official election results. Generally, it has not been possible to indentify the communal units which has been involved in the revisions.

Data: Election to the European Parliament, June 14, 1984

Source: Unpublished data from Danmarks Statistik

Variables: EURB1 to EURB15 (15 variables)

Number of valid units: 276 or 336

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
EURB1	EUR. ELEC. 1984,ELECTORS		I	+	3843947
EURB2	EUR. ELEC. 1984,TOTAL VOTES CA ST		I	+	2013357 ¹⁾
EURB3	EUR. ELEC. 1984,BLANK VOTES		I	+	18781 ¹⁾
EURB4	EUR. ELEC. 1984,OTHER INVALID VOTES		I	+	4284 ¹⁾
EURB5	EUR. ELEC. 1984,TOTAL VALID VO TES CAST		I	+	1990292 ¹⁾
EURB6	EUR. EL. 1984,VALID VOTES,A,SO CIAL-DEM.		I	+	387100 ¹⁾
EURB7	EUR. EL. 1984,VALID VOTES,B,RA DICAL LIB.		I	+	62566 ¹⁾
EURB8	EUR. EL. 1984,VALID VOTES,C,CO NSERVATIV.		I	+	414178 ¹⁾

Variable name	Variable label	pos. 30	Ty- pe	Sub- unit	Sum
EURB9	EUR. EL. 1984, VALID VOTES, F, SO C. PEO. P.	I	+		183574 ¹⁾
EURB10	EUR. EL. 1984, VALID VOTES, M, CE NTRE DEM.	I	+		131982 ¹⁾
EURB11	EUR. EL. 1984, VALID VOTES, N, AN TI-EEC MV.	I	+		413815 ¹⁾
EURB12	EUR. EL. 1984, VALID VOTES, Q, CH R. PEO. P.	I	+		54622 ¹⁾
EURB13	EUR. EL. 1984, VALID VOTES, V, LI BERAL P.	I	+		248403 ¹⁾
EURB14	EUR. EL. 1984, VALID VOTES, Y, LE FT SOCIAL.	I	+		25303 ¹⁾
EURB15	EUR. EL. 1984, VALID VOTES, Z, PR OGRESS P.	I	+		68749 ¹⁾

1) The statistical source contain minor differences between aggregate commune and constituency results. The official national account is based upon sums of constituency results.

2.6. FILE FORMAT

The data are stored as a character formatted file generated by a FORTRAN format statement using integer and alphanumeric variables.

Each line contains a maximum of 72 characters.

Number of variables: 1055

```
Fortran format:  FORMAT(18,2X,7A4,A2,4I8,/,5I8,/, (UNID1 to UNID18)
                  +16(9I8,/),3I8,/, (LELA1 to LELA147)
                  +9I8,/,4I8,/, (CELA1 to CELA13)
                  +9(9I8,/),2I8,/, (CENA1 to CENA83)
                  +9I8,/,4I8,/,8I8,/, (GELA1 to CELA13,
                                          REFAL to REFA8
                  +9I8,/,5I8,/, (GELB1 to GELB14)
                  +19(9I8,/), (LELB1 to LELB171)
                  +9I8,/,6I8,/, (CELB1 to CELB15)
                  +9I8,/,5I8,/, (GELC1 to GELC14)
                  +6(9I8,/,3I8,/, (CENB1 to CENB57)
                  +9I8,/,7I8,/, (GELD1 to GELD16)
                  +18(9I8,/),7I8,/, (LELC1 to LELC169)
                  +2(9I8,/,I8,/,6I8,/, (CELC1 to CELC19,
                                          REFB1 to REFB6)
                  +9I8,/,7I8,/, (EURAL to EURA16)
                  +9I8,/,9I8,/, (GELE1 to GELE18)
                  +20(9I8,/),5I8,/, (LELD1 to LELD185)
                  +2(9I8,/,2I8,/, (CELD1 to CELD20)
                  +2(9I8,/,I8,/, (GELF1 to GELF19)
                  +2(9I8,/,I8,/,9I8,/,6I8) (GELG1 to GELG19,
                                          EURB1 to EURB15)
```

Number of units: 346

Sorting order: Ascending order on variable UNID1

Missing values: none

It should be noted that a variable gets a value of zero (0) if:

- 1) the unit is non-existent at the given moment
- 2) information is not available for the given unit
- 3) the variable has a valid value of zero

3.1. SPSS SET-UP

Most users of the data-archive will probably have access to some program package or other, instead of being compelled to write their own programs. In the following we will show how to use one of the most widespread packages, SPSS, standing for Statistical Package for the Social Sciences. ¹⁾

On most computer installations, an ordinary SPSS-file can contain no more than 500 variables. Therefore, a special SPSS-ARCHIVE file²⁾ has to be created, containing all 1055 variables. This can be done in four moves. In the first three SPSS-runs three ordinary SPSS-files (each containing a convenient subset of the total number of variables) are created from the original raw data. In the fourth SPSS-run, the three SPSS-files are merged into a SPSS-ARCHIVE file, containing all 1055 variables.

3.2. SPSS CREATION RUN NO. 1

A SPSS ordinary file is created containing 467 variables from variable UNID1 to LELB171.

.
 . (control commands depending on computer and operating system)
 .

```
RUN NAME      CREATION OF SPSS-FILE NO. 1
FILE NAME     P84A01C
```

1) Norman H. Nie et al., Statistical Package for the Social Sciences. McGraw-Hill, 1975.

2) Ibid., pp. 167-180 On some computer installations a new SPSSX version has been implemented with no restrictions concerning number of variables. See SPSS inc., SPSSX User's Guide. McGraw-Hill, 1983.

```

VARIABLE LIST  UNID1 TO UNID18,
                LELA1 TO LELA147,
                CELA1 TO CELA13,
                CENA1 TO CENA83,
                GELA1 TO GELA13,
                REFA1 TO REFA8,
                GELB1 TO GELB14,
                LELB1 TO LELB171,
INPUT FORMAT   FIXED(F8.0,2X,7A4,A2,4F8.0,/,5F8.0,/,
                16(9F8.0,/),3F8.0,/,
                9F8.0,/,4F8.0,/,
                9(9F8.0,/),2F8.0,/,
                9F8.0,/,4F8.0,/,
                8F8.0,/,
                9F8.0,/,5F8.0,/,
                19(9F8.0,/,
                71(/))
N OF CASES     346
INPUT MEDIUM   P84A22A
READ INPUT DATA
SAVE FILE

```

3.3 SPSS CREATION RUN NO. 2

Another SPSS file is created containing the following 330 variables from variable GELB1 to GELE18. For controlling purposes, a variable UNID1A is also defined corresponding to UNID1 in the previous run.

```

.
.
.
RUN NAME       CREATION OF SPSS-FILE NO. 2
FILE NAME      P84A02C

```

VARIABLE LIST	UNID1A, CELB1 TO CELB15, GELC1 TO GELC14, CENB1 TO CENB57, GELD1 TO GELD16, LELC1 TO LELC169, CELC1 TO CELC19, REFB1 TO REFB6; EURA1 TO EURA16, GELE1 TO GELE18,
INPUT FORMAT	FIXED(F8.0,55(/), 9F8.0,/,6F8.0,/, 9F8.0,/,5F8.0,/, 6(9F8.0,/),3F8.0,/, 9F8.0,/,7F8.0,/, 18(9F8.0,/),7F8.0,/, 2(9F8.0,/),F8.0,/, 6F8.0,/, 9F8.0,/,7F8.0,/, 9F8.0,/,9F8.0,/, 31(/))
N OF CASES	346
INPUT MEDIUM	P84A22A
READ INPUT DATA	
SAVE FILE	

3.4. SPSS CREATION RUN NO.3

A third SPSS file is created containing the remaining 258 variables from LE1D1 to EURB15. For controlling purposes, a variable UNID1B is also defined corresponding to UNID1A in previous run.

```

.
.
.
RUN NAME          CREATION OF SPSS-FILE NO.3
FILE NAME         P84A03C
VARIABLE LIST     UNID1B,
                  LE1D1 TO LE1D185,
                  CE1D1 TO CE1D20,
                  GELF1 TO GELF19,
                  GELG1 TO GELG19,
                  EURB1 TO EURB15
INPUT FORMAT      FIXED(F8.0,95(/),
                  20(9F8.0,/),5F8.0,/,
                  2(9F8.0,/),2F8.0,/,
                  2(9F8.0,/),F8.0,/,
                  2(9F8.0,/),F8.0,/,
                  9F8.0,/,6F8.0)
N OF CASES        346
INPUT MEDIUM      P84A22A
READ INPUT DATA
SAVE FILE

```

3.5. SPSS CREATION RUN NO. 4

In the final SPSS creation run the three SPSS-files: P84A01C, P84A02C and P84A03C are merged into a SPSS-ARCHIVE file named P84A04C. The variables UNID1, UNID1A and UNID1B are compared in order to assure a unique unit structure in the merged file. If the dummy-variable ERROR for any unit takes a value of 1, different units have been merged. In that case, errors have occurred in the sequence of SPSS creation runs and must be corrected.

```
RUN NAME      CREATION OF SPSS-ARCHIVE FILE
GET ARCHIVE   FILE=P84A01C, VARIABLES=UNID1/
              FILE=P84A02C, VARIABLES=UNID1A/
              FILE=P84A03C, VARIABLES=UNID1B
FILE NAME     P84A04C
IF            ((UNID1 NE UNID1A)OR(UNID1A NE UNID1B))ERROR=1
FREQUENCIES   GENERAL=ERROR
DELETE VARS   UNID1A,UNID1B,ERROR
SAVE ARCHIVE  FILE=P84A01C, VARIABLES=ALL/
              FILE=P84A02C, VARIABLES=ALL/
              FILE=P84A03C, VARIABLES=ALL
FINISH
```

3. 6. EXAMPLE OF SPSS ANALYSIS

The following example shows, how SPSS can be used to perform an analysis of some of the variables in the SPSS-ARCHIVE file.

.

.

. (control commands depending on computer and operating system)

.

.

```

RUN NAME          SOCIAL DEMOCRATIC (SD) CANDIDATES SHIFT
                  1978 TO 1981
GET ARCHIVE       FILE=P84A04C
                  VARIABLES=UNID10,UNID11,UNID15,UNID17,
                  LELC15,LELD15
SELECT IF         ((UNID17 EQ 1 OR 2) AND
                  (UNID10 LE 780401 AND UNID11 GE 820101))
COMPUTE           SDDIF=LELD15-LELC15
RECODE            SDDIF(LOWEST THRU=1=6) (0=4)
                  (1 THRU HIGHEST=2)
TASK NAME         FREQUENCY DISTRIBUTION OF SDDIF
FREQUENCIES       GENERAL=SDDIF
TASK NAME         CREATION OF SDDIF ON RAW DATA
RAW OUTPUT UNITC84A01A
WRITE CASES       (F3.0,1X,F2.0)UNID15,SDDIF

```

.

. (control commands depending on computer and operating system)

.

In the SPSS-run we first call the SPSS-ARCHIVE file with the internal name P84A04C and activate a number of variables.

See section 2.5.

The next step will be to select the appropriate subset of units. Using variable UNID10 we first select only communal units. Secondly, we select those units only which are existing in the period from April 1, 1978 to January 1, 1981, since we want

to analyze variables from the local elections in 1978 and 1981. See section 2.4.

In the following move a new variable SDDIF is constructed, which computes the difference between number of Social-Democratic local councillors from 1978 to 1981. Then, the variable SDDIF is recoded into three values: 6, 4 and 2 corresponding to a decreasing, an unaltered and an increasing number of Social-Democratic representatives in every commune.

The procedure FREQUENCIES makes a distribution of units, i.e. communes, according to the values of the variable SDDIF.

Finally, the variables UNID15, the commune CPR-number, and SDDIF are written on a text-file using the procedure WRITE CASES. The external file is given the name C84A01A.

4. DKMAP

When working with units that represent geographical areas, it may be very useful to have a sort of visual overview of variable values in different geographical areas. RECKU, one of the regional computer centers for education and research, has developed a program named DKMAP which can draw a map of counties or communes in Denmark¹⁾. The center uses a UNIVAC computer under the OS 1100 operating system.

In the following example a DKMAP run is demonstrated. It is assumed, that DKMAP will read user-generated data similar to those created in the former SPSS set-up using the WRITE CASES procedure. See section 3.6. THE DKMAP can be used, either in batch or in demand mode. In this example demand mode is used.

```
>@RKU*DKMAP.DISSPLA   KHB*C84A01A.
DKMAP VERSION 2.1   OKT 83 VEKTORUDGAVEN
PAPIRSTØRRELSE (A1/A2/A3/A4/DEFAULT=A3) :
>A4
ANGIV OVERSKRIFTSLINIE(R). AFSLUT MED EN TOM LINIE :
>SOCIAL-DEMOCRATIC PARTY
>SHIFTS OF CANDIDATES 1978 TO 1981 AT LOCAL
>ELECTIONS
>
ANGIV ANTAL KLASSER (STANDARD=6)
>3
ANGIV INDELING LINEAR ELLER INPUT:
```

1) Christen Carlé: Tematiske kommunekort. RECKU publication, no. 124, 1. edition, october 1983.

>INPUT

ANGIV 2 KLASSEGRÆNSER:

>3,5

DKMAP VERSION 2.1 STAFTER

INPUTFIL :KHB*C84A01A

X-STØRRELSE :210. MM

Y-STØRRELSE :296. MM

DATA OPDELES I 3 KLASSER SÅLEDES:

1. KLASSE LIGGER UNDER		3.00
2. KLASSE LIGGER MELLEM	3.00 OG	5.00
3. KLASSE LIGGER OVER	5.00	

OVERSKRIFTEN ER

SOCIAL-DEMOCRATIC PARTY

SHIFTS OF CANDIDATES 1978 TO 1981 AT LOCAL

ELECTIONS

DATAMATERIALET BESTÅR AF 275 KOMMUNER

END OF DISSPLA 9.0 --56621 VECTORS GENERATED IN 1 PLOT FRAMES.

PROPRIETARY SOFTWARE PRODUCT OF ISSCO, SAN DIEGO, CA.

19340 VIRTUAL STORAGE REFERENCES; 12 READS; 1 WRITES.

STOP SLUT PÅ DKMAP VERSION 2.1 VEKTORUDGAVEN - OKT 83

RECKU/CC

>QKRU*INTLIB.BENPOP

BENSON POST-PROCESSOR

ENTER PLOT-QUEUE NAME: STANDARD BALL INK SPECIAL

>STANDARD

PLOT GOES TO...STANDARD QUEUE

ENTER DIRECTIVES.....

>

PLOT GENERATED BY SHIKB

AT RECKU

ON JAN 14, 1985 13:45

END OF DISSPOP 2.0 --63562 VECTORS GENERATED IN 1 PLOT FRAMES.

PROPRIETARY SOFTWARE PRODUCT OF ISSCO, SAN DIEGO, CA.

The DKMAP program creates a plot-file based upon the content of an input file, actually KHB*C84A01A, and a number of directives. The input file must contain two variables for each case, i.e. communes, in free-field format, i.e. separated by

a blank or a comma. The first variable is the three digits CPR commune code. The second variable determines the direction and density of hatching of each commune on the map.

In the next move the plot-file is directed to a plotter device using the post-processor. In the actual case, the plot-file is directed to the BENSON plotter.

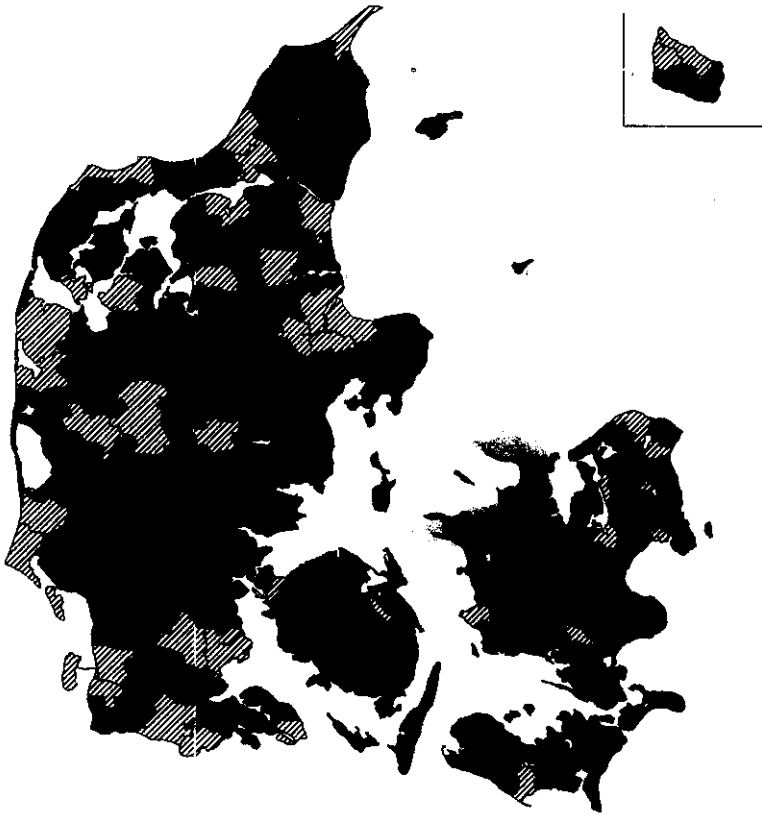
On the following page, the resulting map is shown. The communes are differentiated from each other by three densities of hatching on the map.

Looking back upon the SPSS-program in section 3.6 it appears, that a loss of Social-Democratic seats in a given commune produces a value of 6 on the raw data output-file, no change a value of 4, and a gain of seats a value of 2.




On the map it indicates that the dark communes have witnessed a loss of representatives to the Social-Democratic party, While in the most lightly hatched communes, has been a gain of seats. The general impression is a heavy loss to the Social-Democratic party. Put more precisely, in 115 or 42 per cent of the communes, the Social-Democratic party lost at least one seat, while the party gained only at least one seat in 44 or 16 per cent of the communes in the local elections from 1978 to 1981.

SOCIAL-DEMOCRATIC PARTY

SHIFTS OF CANDIDATES 1978 TO 1981 AT LOCAL ELECTIONS



Signaturforklaring.

-  UNDER 3.00
-  3.00 - 5.00
-  OVER 5.00

5. LIST OF UNITS

The file consists of 346 units. As the following table shows, 279 units are communes, 66 are sub-communes and 1 unit is not part of the local administrative system. 340 units have existed geographically unchanged since 1970, while 6 have changed.

Type of unit	date of creation	date of termination	N
Communes, unchanged	700401	999999	273
Communes, changed ¹⁾	700401	740331	4
Communes, changed ²⁾	740401	999999	2
Sub-communes unchanged	700401	999999	66
Not part of local adm., unchanged ³⁾	700401	999999	1
Total	-	-	346

1) Dragør, Høje Tåstrup, Sengeløse, Store Magleby

2) Dragør, Høje Tåstrup

3) Christiansø

The following contains a transcript of the units in the file. The information corresponds to the variables: UNID1, UNID2 to UNID9, UNID10, UNID11, UNID15 and UNID16 in the variable outline.

The information is available on a separate file. Format Specifications are given in section 9.2.

UNID1	UNID2 to UNID9	UN- ID10	UN- ID11	UN- ID15	UN- ID16
000100	KØBENHAVN	700401	999999	101	0000
000101	2.O.,A. CHRISTIANSHAVN	700401	999999	000	0102
000102	2.O.,A. SYD+ØST	700401	999999	000	0102
000103	2.O.,A. VEST	700401	999999	000	0102
000104	3.O.,A. RÅDHUS	700401	999999	000	0103
000105	3.O.,A. NORD	700401	999999	000	0103
000106	3.O.,A. ØST	700401	999999	000	0103
000107	3.O.,A. VEST	700401	999999	000	0103
000108	4.O.,A. SUNDBY	700401	999999	000	0104
000109	4.O.,A. ØST	700401	999999	000	0104
000110	4.O.,A. VEST	700401	999999	000	0104
000111	5.O.,A. BLÅGÅRD	700401	999999	000	0105
000112	5.O.,A. NORD	700401	999999	000	0105
000113	5.O.,A. SYD	700401	999999	000	0105
000114	9.O.,A. AMAGERBRO	700401	999999	000	0109
000115	9.O.,A. SYD	700401	999999	000	0109
000116	1.O.,A. RYVANG	700401	999999	000	0201
000117	1.O.,A. VEST	700401	999999	000	0201
000118	1.O.,A. SYD	700401	999999	000	0201
000119	6.O.,A. ØSTBANE	700401	999999	000	0206
000120	6.O.,A. SYD	700401	999999	000	0206
000121	7.O.,A. HUSUM	700401	999999	000	0207
000122	7.O.,A. NORD	700401	999999	000	0207
000123	7.O.,A. ØST	700401	999999	000	0207
000124	7.O.,A. VEST	700401	999999	000	0207
000125	10.O.,A. ØSTERBRO	700401	999999	000	0210
000126	10.O.,A. NORD	700401	999999	000	0210
000127	11.O.,A. NØRREBRO	700401	999999	000	0211
000128	11.O.,A. NORD	700401	999999	000	0211
000129	11.O.,A. SYD	700401	999999	000	0211
000130	12.O.,A. BISPEENG	700401	999999	000	0212
000131	12.O.,A. NORD	700401	999999	000	0212
000132	12.O.,A. SYD	700401	999999	000	0212
000133	12.O.,A. VEST	700401	999999	000	0212
000134	15.O.,A. BISPEBJERG	700401	999999	000	0215
000135	15.O.,A. NORD	700401	999999	000	0215
000136	16.O.,A. BRØNSHØJ	700401	999999	000	0216
000137	16.O.,A. BELLAHØJ	700401	999999	000	0216
000138	16.O.,A. FREDERIKSGÅRD	700401	999999	000	0216
000139	16.O.,A. KATRINEDAL	700401	999999	000	0216
000140	16.O.,A. KIRKEBJERG	700401	999999	000	0216
000141	16.O.,A. VANLØSE	700401	999999	000	0216
000142	8.O.,A. VALBY	700401	999999	000	0308
000143	8.O.,A. NORD	700401	999999	000	0308
000144	8.O.,A. SYD	700401	999999	000	0308
000145	8.O.,A. ØST	700401	999999	000	0308
000146	8.O.,A. VEST	700401	999999	000	0308
000147	13.O.,A. VESTERBRO+ØST+VEST	700401	999999	000	0313
000148	14.O.,A. ENGHAVE	700401	999999	000	0314
000149	14.O.,A. NORD	700401	999999	000	0314
000150	14.O.,A. SYD	700401	999999	000	0314
000151	14.O.,A. VEST+NORDVEST	700401	999999	000	0314
000200	FREDERIKSBERG	700401	999999	147	0000
000201	1.O. FRB.,GL.KONGEVEJ	700401	999999	000	0301
000202	2.O. FRB.,SLOTS	700401	999999	000	0302
000203	3.O. FRB.,FALKONER	700401	999999	000	0303

UNID1	UNID2 to UNID9	UN- ID10	UN- ID11	UN- ID15	UN- ID16
100100	ALBERTSLUND (HERSTEDERNE)	700401	999999	165	1004
100200	BALLERUP (BALLERUP-MÅLØV)	700401	999999	151	1003
100300	BRØNDBY (BRØNDBYERNE)	700401	999999	153	1007
100400	DRAGØR	700401	740331	155	1008
100500	DRAGØR	740401	999999	155	1008
100600	GENTOFTE	700401	999999	157	0000
100601	1.0. GENTOFTE	700401	999999	000	1001
100602	5.0. HELLERUP	700401	999999	000	1005
100700	GLADSAXE	700401	999999	159	1006
100800	GLOSTRUP	700401	999999	161	1004
100900	HERLEV	700401	999999	163	1009
101000	HVIDOVRE	700401	999999	167	1007
101100	HØJE TÅSTRUP	700401	740331	169	1004
101200	HØJE TÅSTRUP	740401	999999	169	1004
101300	ISHØJ (TORSUND-ISHØJ)	700401	999999	183	1004
101400	LEDØJE-SMØRUM	700401	999999	171	1003
101500	LYNGBY-TÅRBÆK	700401	999999	173	1002
101600	RØDOVRE	700401	999999	175	1009
101700	SENGELØSE	700401	740331	177	1004
101800	STORE MAGLEBY	700401	740331	179	1008
101900	SØLLERØD	700401	999999	181	1002
102000	TÅRNBY	700401	999999	185	1008
102100	VALLENSBÆK	700401	999999	187	1004
102200	VÆRLØSE	700401	999999	189	1003
110100	ALLERØD	700401	999999	201	1103
110200	BIRKERØD	700401	999999	205	1102
110300	FARUM	700401	999999	207	1103
110400	FREDENSBORG-HUMLEBÆK (A-G)	700401	999999	208	1102
110500	FREDERIKSSUND	700401	999999	209	1104
110600	FREDERIKSVÆRK	700401	999999	211	1104
110700	GRÆSTED-GILLELEJE	700401	999999	213	1102
110800	HELSENGE	700401	999999	215	1104
110900	HELSENGØR	700401	999999	217	1101
111000	HILLERØD	700401	999999	219	1103
111100	HUNDESTED	700401	999999	221	1104
111200	HØRSHOLM	700401	999999	223	1102
111300	JÆGERSPRIS	700401	999999	225	1104
111400	KARLEBO	700401	999999	227	1102
111500	SKIBBY	700401	999999	229	1104
111600	SKÆVINGE	700401	999999	231	1104
111700	SLANGERUP	700401	999999	233	1103
111800	STENLØSE	700401	999999	235	1103
111900	ØLSTYKKE	700401	999999	237	1103
120100	BRAMSØ	700401	999999	251	1203
120200	GREVE	700401	999999	253	1202
120300	GUNDSØ	700401	999999	255	1201
120400	HVALSØ	700401	999999	257	1203
120500	KØGE	700401	999999	259	1202
120600	LEJRE	700401	999999	261	1203
120700	RAMSØ	700401	999999	263	1203
120800	ROSKILDE	700401	999999	265	1201
120900	SKOVBO	700401	999999	267	1203
121000	SOLRØD	700401	999999	269	1202
121100	VALLØ	700401	999999	271	1202
130100	BJERGSTED	700401	999999	301	1302
130200	DIANALUND	700401	999999	303	1304
130300	DRAGSHOLM	700401	999999	305	1302

UNID1	UNID2 to UNID9	UN- ID10	UN- ID11	UN- ID15	UN- ID16
130400	FUGLEBJERG	700401	999999	307	1305
130500	GØRLEV	700401	999999	309	1303
130600	HASHØJ	700401	999999	311	1305
130700	HASLEV	700401	999999	313	1304
130800	HOLBÆK	700401	999999	315	1301
130900	HVIDEBÆK	700401	999999	317	1303
131000	HØNG	700401	999999	319	1303
131100	JERNLØSE	700401	999999	321	1301
131200	KALUNDBORG	700401	999999	323	1303
131300	KORSØR	700401	999999	325	1306
131400	NYKØBING-RØRVIG	700401	999999	327	1302
131500	RINGSTED	700401	999999	329	1304
131600	SKÆLSKØR	700401	999999	331	1305
131700	SLAGELSE	700401	999999	333	1306
131800	SORØ	700401	999999	335	1305
131900	STENLILLE	700401	999999	337	1304
132000	SVINNINGE	700401	999999	339	1302
132100	TORNVED	700401	999999	341	1301
132200	TRUNDHOLM	700401	999999	343	1302
132300	TØLLØSE	700401	999999	345	1301
140100	FAKSE	700401	999999	351	1401
140200	FLADSA	700401	999999	353	1401
140300	HOLEBY	700401	999999	355	1405
140400	HOLMEGÅRD	700401	999999	357	1402
140500	HØJREBY	700401	999999	359	1404
140600	LANGEBÆK	700401	999999	361	1403
140700	MARIBO	700401	999999	363	1405
140800	MØN	700401	999999	365	1403
140900	NAKSKOV	700401	999999	367	1404
141000	NYKØBING F.	700401	999999	369	1406
141100	NYSTED	700401	999999	371	1405
141200	NÆSTVED	700401	999999	373	1402
141300	NØRRE-ALSLEV	700401	999999	375	1406
141400	PRÆSTØ	700401	999999	377	1401
141500	RAVNSBORG	700401	999999	379	1404
141600	RUDBJERG	700401	999999	381	1404
141700	RØDBY	700401	999999	383	1405
141800	RØNNEDE	700401	999999	385	1401
141900	SAKSKØBING	700401	999999	387	1405
142000	STEVNS	700401	999999	389	1401
142100	STUBBEBØBING	700401	999999	391	1406
142200	SUSÅ	700401	999999	393	1402
142300	SYDFALSTER	700401	999999	395	1406
142400	VORDINGBORG	700401	999999	397	1403
150100	ALLINGE-GUDHJEM	700401	999999	401	1502
150200	HASLE	700401	999999	403	1501
150300	NEKSØ	700401	999999	405	1502
150400	RØNNE	700401	999999	407	1501
150500	ÅKIRKEBY	700401	999999	409	1502
150600	CHRISTIANSØ	700401	999999	000	1502
160100	ASSENS	700401	999999	421	1605
160200	BOGENSE	700401	999999	423	1606
160300	BROBY	700401	999999	425	1609
160400	EGBJERG	700401	999999	427	1607
160500	EJBY	700401	999999	429	1605
160600	FABORG	700401	999999	431	1609
160700	GLAMSBJERG	700401	999999	433	1605

UNID1	UNID2 to UNID9	UN- ID10	UN- ID11	UN- ID15	UN- ID16
160800	GUDME	700401	999999	435	1607
160900	HARBY	700401	999999	437	1609
161000	KERTEMINDE	700401	999999	439	1604
161100	LANGESKOV	700401	999999	441	1604
161200	MAKSTAL	700401	999999	443	1609
161300	MIDDELFART	700401	999999	445	1605
161400	MUNKEB	700401	999999	447	1604
161500	NYBORG	700401	999999	449	1607
161600	NØRRE ÅBY	700401	999999	451	1605
161700	ODENSE	700401	999999	461	0000
161701	1.0. ODENSE-ØST	700401	999999	000	1601
161702	2.0. ODENSE-VEST	700401	999999	000	1602
161703	3.0. ODENSE-SYD	700401	999999	000	1603
161800	OTTERUP	700401	999999	471	1606
161900	RINGE	700401	999999	473	1609
162000	RUDKØBING	700401	999999	475	1608
162100	RYSLINGE	700401	999999	477	1607
162200	SVENDBORG	700401	999999	479	1608
162300	SYDLANGELAND	700401	999999	481	1608
162400	SØNDERBØ	700401	999999	483	1606
162500	TOMMERUP	700401	999999	485	1606
162600	TRANEKÆR	700401	999999	487	1608
162700	ULLERSLEV	700401	999999	489	1604
162800	VISSENBJERG	700401	999999	491	1606
162900	ÆRØSKØBING (VEST-ÆRØ)	700401	999999	493	1609
163000	ØRBÆK	700401	999999	495	1607
163100	ÅRSLEV	700401	999999	497	1604
163200	ÅRUP	700401	999999	499	1606
170100	AUGUSTENBORG	700401	999999	501	1704
170200	BOV	700401	999999	503	1706
170300	BREDEBRO	700401	999999	505	1705
170400	BROAGER	700401	999999	507	1703
170500	CHRISTIANSFELD	700401	999999	509	1701
170600	GRAM	700401	999999	511	1707
170700	GRÅSTEN	700401	999999	513	1703
170800	HADERSLEV	700401	999999	515	1701
170900	HØJER	700401	999999	517	1705
171000	LUNDTOFT	700401	999999	519	1702
171100	LØGUMKLOSTER	700401	999999	521	1706
171200	NORDBORG	700401	999999	523	1704
171300	NØRRE RANGSTRUP	700401	999999	525	1706
171400	RØDDING	700401	999999	527	1707
171500	RØDEKRO	700401	999999	529	1702
171600	SKÆRBÆK	700401	999999	531	1705
171700	SUNDEVED	700401	999999	533	1704
171800	SYDAL	700401	999999	535	1704
171900	SØNDERBORG	700401	999999	537	1703
172000	TINGLEV	700401	999999	539	1706
172100	TØNDER	700401	999999	541	1705
172200	VOJENS	700401	999999	543	1707
172300	ÅBENRÅ	700401	999999	545	1702
180100	BILLUND	700401	999999	551	1804
180200	BLÅBJERG	700401	999999	553	1801
180300	BLÅVANDSHUK	700401	999999	555	1801
180400	BRAMMING	700401	999999	557	1803
180500	BRØRUP	700401	999999	559	1804
180600	ESBJERG	700401	999999	561	1802

UNID1	UNID2 to UNID9	UN- ID10	UN- ID11	UN- ID15	UN- ID16
180700	FANØ	700401	999999	563	1802
180800	GRINDSTED	700401	999999	565	1804
180900	HELLE	700401	999999	567	1803
181000	HOLSTED	700401	999999	569	1804
181100	RIBE	700401	999999	571	1803
181200	VARDE	700401	999999	573	1801
181300	VEJEN	700401	999999	575	1804
181400	ØLGOD	700401	999999	577	1801
190100	BRÆDSTRUP	700401	999999	601	1904
190200	BØRKOP	700401	999999	603	1901
190300	EGTVED	700401	999999	605	1904
190400	FREDERICIA	700401	999999	607	1901
190500	GEDVED	700401	999999	609	1906
190600	GIVE	700401	999999	611	1904
190700	HEDENSTED	700401	999999	613	1905
190800	HORSSENS	700401	999999	615	1906
190900	JELLING	700401	999999	617	1903
191000	JUELSMINDE	700401	999999	619	1905
191100	KOLDING	700401	999999	621	1902
191200	LUNDERSKOV	700401	999999	623	1902
191300	NØRRE SNEDE	700401	999999	625	1904
191400	TØRRING-ULDUM	700401	999999	627	1905
191500	VAMDRUP	700401	999999	629	1902
191600	VEJLE	700401	999999	631	1903
200100	AULUM-HADERUP	700401	999999	651	2002
200200	BRANDE	700401	999999	653	2004
200300	EGVAD	700401	999999	655	2004
200400	HERNING	700401	999999	657	2003
200500	HOLMSLAND	700401	999999	659	2001
200600	HOLSTEBRO	700401	999999	661	2002
200700	IKAST	700401	999999	663	2003
200800	LEMVIG	700401	999999	665	2001
200900	RINGKØBING	700401	999999	667	2001
201000	SKJERN	700401	999999	669	2004
201100	STRUER	700401	999999	671	2002
201200	THYBORØN (T.-HARBOØR)	700401	999999	673	2001
201300	THYHOLM	700401	999999	675	2002
201400	TREHØJE	700401	999999	677	2001
201500	ULFBORG-VEMB	700401	999999	679	2001
201600	VIDEBÆK	700401	999999	681	2004
201700	VINDERUP	700401	999999	683	2002
201800	ÅSKOV	700401	999999	685	2004
210100	EBELTOFT	700401	999999	701	2108
210200	GALTEN	700401	999999	703	2107
210300	GJERN	700401	999999	705	2110
210400	GRENÅ	700401	999999	707	2108
210500	HADSTEN	700401	999999	709	2107
210600	HAMMEL	700401	999999	711	2107
210700	HINNERUP	700401	999999	713	2107
210800	HØRNING	700401	999999	715	2109
210900	LANGÅ	700401	999999	717	2105
211000	MARIAGER	700401	999999	719	2105
211100	MIDT-DJURS	700401	999999	721	2108
211200	NØRHÅLD	700401	999999	723	2105
211300	NØRRE DJURS	700401	999999	725	2108
211400	ODDER	700401	999999	727	2109
211500	PURHUS	700401	999999	729	2105

UNID1	UNID2 to UNID9	UN- ID10	UN- ID11	UN- ID15	UN- ID16
211600	RANDERS	700401	999999	731	2106
211700	ROSENHOLM	700401	999999	733	2107
211800	ROUGSØ	700401	999999	735	2108
211900	RY	700401	999999	737	2110
212000	RØNDE	700401	999999	739	2107
212100	SAMSØ	700401	999999	741	2109
212200	SILKEBORG	700401	999999	743	2110
212300	SKANDERBORG	700401	999999	745	2109
212400	SØNDERHALD	700401	999999	747	2105
212500	THEM	700401	999999	749	2110
212600	ÅRHUS	700401	999999	751	0000
212601	1.O. ÅRHUS-ØST	700401	999999	000	2101
212602	2.O. ÅRHUS-NORD	700401	999999	000	2102
212603	3.O. ÅRHUS-SYD	700401	999999	000	2103
212604	4.O. ÅRHUS-VEST	700401	999999	000	2104
220100	BJERRINGBRO	700401	999999	761	2205
220200	FJENDS	700401	999999	763	2203
220300	HANSTHOLM	700401	999999	765	2201
220400	HVORSLEV	700401	999999	767	2205
220500	KARUP	700401	999999	769	2205
220600	KJELLERUP	700401	999999	771	2205
220700	MORSØ	700401	999999	773	2202
220800	MØLDRUP	700401	999999	775	2204
220900	SALLINGSUND	700401	999999	777	2203
221000	SKIVE	700401	999999	779	2203
221100	SPØTTRUP	700401	999999	781	2203
221200	SUNDSØRE	700401	999999	783	2203
221300	SYDTHY	700401	999999	785	2201
221400	THISTED	700401	999999	787	2201
221500	TJELE	700401	999999	789	2204
221600	VIBORG	700401	999999	791	2204
221700	ÅLESTRUP	700401	999999	793	2204
230100	ARDEN	700401	999999	801	2308
230200	BROVST	700401	999999	803	2304
230300	BRØNDERSLEV	700401	999999	805	2302
230400	DRONNINGLUND	700401	999999	807	2302
230500	FARSØ	700401	999999	809	2309
230600	FJERRITSLEV	700401	999999	811	2304
230700	FREDERIKSHAVN	700401	999999	813	2301
230800	HADSUND	700401	999999	815	2308
230900	HALS	700401	999999	817	2305
231000	HIRTSHALS	700401	999999	819	2303
231100	HJØRRING	700401	999999	821	2303
231200	HOBRO	700401	999999	823	2308
231300	LÆSØ	700401	999999	825	2301
231400	LØGSTØR	700401	999999	827	2309
231500	LØKKEN-VRA	700401	999999	829	2304
231600	NIBE	700401	999999	831	2309
231700	NØRAGER	700401	999999	833	2309
231800	PANDRUP	700401	999999	835	2304
231900	SEJLFLOD	700401	999999	837	2308
232000	SINDAL	700401	999999	839	2303
232100	SKAGEN	700401	999999	841	2301
232200	SKØRPIG	700401	999999	843	2308
232300	STØVRING	700401	999999	845	2309

UNID1	UNID2 to UNID9	UN- ID10	UN- ID11	UN- ID15	UN- ID16
232400	SÆBY	700401	999999	847	2302
232500	ÅBYBRO	700401	999999	849	2305
232600	ÅLBORG	700401	999999	851	0000
232601	5.O. ÅLBORG-NØRE (ÅLBORG-DEL)	700401	999999	000	2305
232602	6.O. ÅLBORG-VEST	700401	999999	000	2306
232603	7.O. ÅLBORG-ØST	700401	999999	000	2307
232700	ARS	700401	999999	861	2309

6. LIST OF NOMINATION DISTRICTS

The following list corresponds to variable UNID16 in the variable outline.

Constituencies (stor- og amtskredse)	Nomination districts (opstillingskredse)
---	---

01xx Søndre storkreds

0102	2. kr. Christianshavn
0103	3. kr. Rådhus
0104	4. kr. Sundby
0105	5. kr. Blågård
0109	9. kr. Amagerbro

02xx Østre storkreds

0201	1. kr. Ryvang
0206	6. kr. Østbane
0207	7. kr. Husum
0210	10. kr. Østerbro
0211	11. kr. Nørrebro
0212	12. kr. Bispeeng
0215	15. kr. Bispebjerg
0216	16. kr. Brønshøj

03xx Vestre storkreds

0308	8. kr. Valby
0313	13. kr. Vesterbro
0314	14. kr. Enghave

Constituencies (stor- og amtskredse)	Nomination districts (opstillingskredse)
---	---

0301	1. kr. Frb., Gl. Kongevej
0302	2. kr. Frb., Slots
0303	3. kr. Frb., Falkoner

1002	1. kr. Gentofte
1002	2. kr. Lyngby
1003	3. kr. Ballerup
1004	4. kr. Glostrup
1005	5. kr. Hellerup
1006	6. kr. Gladsaxe
1007	7. kr. Hvidovre
1008	8. kr. Amager
1009	9. kr. Rødovre

11xx Frederiksborg amtskreds

1101	1. kr. Helsingør
1102	2. kr. Fredensborg
1103	3. kr. Hillerød
1104	4. kr. Frederiksværk

12xx Roskilde amtskreds

1201	1. kr. Roskilde
1202	2. kr. Køge
1203	3. kr. Lejre

13xx Vestsjællands amtskreds

Constituencies
(stor- og amtskredse)

Nomination districts
(opstillingskredse)

1301 1. kr. Holbæk
1302 2. kr. Nykøbing
1303 3. kr. Kalundborg
1304 4. kr. Ringsted
1305 6. kr. Sorø
1306 6. kr. Slagelse

14xx Storstrøms amtskreds

1401 1. kr. Præstø
1402 2. kr. Næstved
1403 3. kr. Vordingborg
1404 4. kr. Nakskov
1405 5. kr. Maribo
1406 6. kr. Nykøbing

15xx Bornholms amtskreds

1501 1. kr. Rønne
1502 2. kr. Åkirkeby

16xx Fyns amtskreds

1601 1. kr. Odense Øst
1602 2. kr. Odense Vest
1603 3. kr. Odense Syd
1604 4. kr. Kerteminde
1605 5. kr. Middelfart
1606 6. kr. Otterup
1607 7. kr. Nyborg

Constituencies
(stor- og amtskredse)

Nomination districts
(opstillingskredse)

1608 8. kr. Svendborg

1609 9. kr. Fåborg

17xx Sønderjyllands amtskreds

1701 1. kr. Haderslev

1702 2. kr. Åbenrå

1703 3. kr. Sønderborg

1704 4. kr. Augustenborg

1705 5. kr. Tønder

1706 6. kr. Løgumkloster

1707 7. kr. Rødding

18xx Ribe amtskreds

1801 1. kr. Varde

1802 2. kr. Esbjerg

1803 3. kr. Ribe

1804 4. kr. Grindsted

19xx Vejle amtskreds

1901 1. kr. Fredericia

1902 2. kr. Kolding

1903 3. kr. Vejle

1904 4. kr. Give

1905 5. kr. Juelsminde

1906 6. kr. Horsens

Constituencies:
(stor- og amtskredse)

Nomination districts
(opstillingskredse)

20xx Ringkøbing amtskreds

2001 1. kr. Ringkøbing
2002 2. kr. Holstebro
2003 3. kr. Herning
2004 4. kr. Skjern

21xx Århus amtskreds

2101 1. kr. Århus Øst
2102 2. kr. Århus Nord
2103 3. kr. Århus Syd
2104 4. kr. Århus Vest
2105 5. kr. Mariager
2106 6. kr. Randers
2107 7. kr. Hammel
2108 8. kr. Grenå
2109 9. kr. Skanderborg
2110 10. kr. Silkeborg

22xx Viborg amtskreds

2201 1. kr. Thisted
2202 2. kr. Morsø
2203 3. kr. Skive
2204 4. kr. Viborg
2205 5. kr. Kjellerup

23xx Nordjyllands amtskreds

Constituencies (stor- og amtskredse)	Nomination districts (opstillingskredse)
	2301 1. kr. Frederikshavn
	2302 2. kr. Søby
	2303 3. kr. Hjørring
	2304 4. kr. Fjerritslev
	2305 5. kr. Ålborg Nord
	2306 6. kr. Ålborg Vest
	2307 7. kr. Ålborg Øst
	2308 8. kr. Hobro
	2309 9. kr. Års

7.1. A PROGRAMMER'S GUIDE TO THE DATA-ARCHIVE

INTRODUCTION

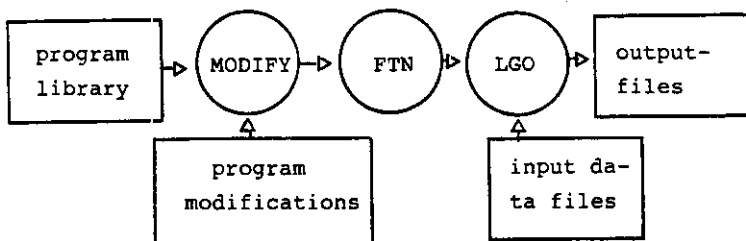
The data-archive described in section 2 has been created by means of a set of programs specifically written for that purpose. The programs fulfill mainly three functions:

- a) they determine the number of list-aggregations for the local elections.
- b) they make it possible to merge the data-archive with other data-sets, such as surveys.
- c) they contain facilities for an easy coding and inclusion of new variables in the archive.

The data-files and programs have their domicile at RECAU, one of the regional computer centers for education and research.

Of course, data-files can easily be transferred to other computer installations, but the use of the programs presupposes access to RECAU and consequently acquaintance with the CDC-Cyber 173 machine and specifically the NOS operative system.

How to use the program together with the data-files is schematically demonstrated in the following figure:



The programs are written in FORTRAN EXTENDED¹⁾ language and stored at source text in a MODIFY²⁾ program library file. Using the MODIFY line-editor, a number of FORTRAN-lines are then inserted in the source-program, controlling its way of functioning. In the following move, the program text is compiled using

1) CDC, Fortran Extended Reference Manual, ver. 4. CDC-60305600

2) CDC, Modify Reference Manual. CDC-60450100

the FTN-compiler. In the final move the object code on file LGO is executed, transforming data from various input-files to the final output-file.

7.2. FILE NOTATIONS

In the following text a number of files are referenced having names built up in a specific way. According to NOS conventions a file name can have a maximum of 7 characters length.

1. character: A = Census or other social data

B = General or European elections

C = Local or County elections

D = Referendums

E = A + B

F = A + C

G = A + D

H = B + C

I = B + D

J = C + D

K = A + B + C

L = A + B + D

M = A + C + D

O = B + C + D

P = A + B + C + D

Z = Unit identifications

U = Source programs

2. - 3. character: Two last digits of year

Data originating from indicated year. If longitudinal data, latest year. 99 indicates irrelevant year.

4. character: A = Data-file

B = Batch job-file, generating data-files

C = Batch job-file, controlling content of data-files

D = Batch job-file, analyzing data-files

E = MODIFY, OPL-files

F = Control images, CCL-procedures, etc.

5. - 6. character: Two digits number
indicates edition-number

7. character: One character letter
indicates letter edition

Examples:

P81B04A = A batch job-file generating data including census, general elections, local elections and referendums. Last data from 1981. Edition number 04 and edition letter A.

U99E01A = A MODIFY library file containing source program text. Time irrelevant. Edition number 01 and edition letter A.