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Mobidrive: Data format guide
Part B: Variables

Author(s):
Schönfelder, Stefan; Schlich, Robert; König, Arnd; Aschwanden, Alain; Kaufmann, Andrea; Horisberger, David; Axhausen, Kay W.

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38	K_O_OS2	Num	8	306	2nd off-street space: Kind
42	K_O_OS3	Num	8	338	3rd off-street space: Kind
56	K_RENTED	Num	8	450	Rented: Kind
6	LOC_HH	Num	8	50	Location of HH (zone)
89	LOC_HH_H	Num	8	756	Household location (zone) Halle
90	LOC_HH_K	Num	8	764	Household location (zone) Karlsruhe
91	LOC_HH_X	Num	8	772	Location of household (relative)
74	N_O_BEM	Num	8	636	Number of email business
19	N_O_CC	Num	8	154	Number of all motorcycles
76	N_O_CON	Num	8	652	Number of connections
11	N_O_CYC	Num	8	90	Number of bicycles
9	N_O_D	Num	8	74	Number of dogs
8	N_O_EM	Num	8	66	Number of external HH members
72	N_O_FAX	Num	8	620	Number of faxes
23	N_O_G	Num	8	186	Number of garages
7	N_O_HHM	Num	8	58	Number of HH members
87	N_O_LIHH	Num	8	740	Number of licenced persons/household
14	N_O_MC	Num	8	114	Number of motorcycles
12	N_O_MCY	Num	8	98	Number of mot. cycles
71	N_O_MOB	Num	8	612	Number of mobiles
13	N_O_MP	Num	8	106	Number of mopeds
17	N_O_MV	Num	8	138	Number of mot. vehicles
33	N_O_OS	Num	8	266	Number of off-street spaces
73	N_O_PEM	Num	8	628	Number of emails private
75	N_O_PH	Num	8	644	Number of phones
46	N_O_PP	Num	8	370	Number of private spaces
10	N_O_PV	Num	8	82	Number of personal vehicles
88	N_O_STHH	Num	8	748	Number of season tickets/household
70	N_O_TEL	Num	8	604	Number of telephones
15	N_O_TR	Num	8	122	Number of trucks
16	N_O_V	Num	8	130	Number of all vehicles
18	N_O_VEH	Num	8	146	Number of vehicles
86	N_O_WPHH	Num	8	732	Number of working persons/household
68	OTHER_F	Char	50	546	Features: Other
55	RENTED	Num	8	442	Rented
4	STUDY	Char	17	25	Study name
2	STUDYCOD	Num	8	8	Study code
53	S_O_ACC	Num	8	426	Accommodation: Size
69	S_O_GAR	Num	8	596	Size of garden
63	TERR	Num	8	506	Features: Terrace
48	U_D_BS	Num	8	386	Bus stop: Unit
26	U_D_G1	Num	8	210	1st garage: Unit

Mobi*drive*

Mobi*drive*: Data format guide (2002)
Part B: Variables

S. Schönfelder, R. Schlich, A. König, A. Aschwanden, A. Kaufmann, D. Horisberger and K.W. Axhausen

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IVT *Institut für Verkehrsplanung, Transporttechnik, Strassen- und Eisenbahnbau*

ETH *Zürich*

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Part B: Variables

Working paper

Stefan Schönfelder, Robert Schlich, Arnd König, Alain Aschwanden, Andrea Kaufmann,
David Horisberger, Kai W. Axhausen
IVT
ETH Zürich

Contact: Stefan Schönfelder, schoenfelder@ivt.baug.ethz.ch, phone 0041-1-633.3092

August 2002

ABSTRACT

This working paper contains a description of the design and the results of a six-week travel diary survey realised within the research project Mobi*drive*. The survey was conducted in the German cities Karlsruhe and Halle/Saale during spring and autumn 1999.

Part B of the Data Format Guide contains the set of variables and frequencies of the reported values.

KEYWORDS

Mobi*drive* – survey design – travel behaviour diary – list of variables – ETH Zürich – Institut für Verkehrsplanung und Transporttechnik, Strassen- und Eisenbahnbau

CHANGES IN THE MOBI*DRIVE* DATA AND DOCUMENTATION SINCE APRIL 2002

17 April 2002

- Data guide variable description: [V_SUM] PARK_T, see for changes in CONTENTS and LABEL
- Mobi*drive* data and data guide variable description: [V_SUM] POWER, see for changes in CONTENTS, LABEL, summary statistics and FORMATS, i.e. "Power [kw]" to Power [PS]"
- Data guide variable description: [V_SUM] FUEL, see for changes in TYPE
- Mobidrive data and variable description: [V_SUM] CITYCODE, correction according to city identification, see for changes in FREQUENCIES
- Mobidrive data and variable description: [V_SUM] PARK_U, '0' recoded to 'Missing', see for changes in FREQUENCIES

26 April 2002

- Data guide variable description: [P_SUM] A_2FC and A_4FC, correction of frequency table CITYCODE=2

22 May 2002

- Mobidrive data and variable description: [P_SUM] REL_O2, Y4FC and A_3C_HA deleted (no values)
- Mobidrive data: [V_SUM] EDUC_O1, EDUC_O2 values updated
- Data guide variable description: [T_SUM] T_MM_B_T see for changes in label
- Mobidrive data and variable description: [V_SUM] USER_S4 deleted (no values)

23 May 2002

- Data guide variable description: [V_SUM] variable V_NR introduced into variabel listing
- Mobidrive data and variable description: [V_SUM] redundant observation deleteted (CITYCODE=1, STUDYCOD=2, HH_NR=1335, V_NR=1); redundant vehicle number set to new number (CITYCODE= 2, STUDYCOD=2, HH_NR=1016, V_NR=1 to V_NR=7) ➔ see for changes in all frequencies!!!

19 August 2002

- Data guide variable description: [T_SUM] Further descriptions for geocoding of addresses, HOMEX, HOMEY, GCWGS84X, GCWGS84Y
- Mobidrive data and variable description: [HH_SUM]: Introduction of variables HOMEX and HOMEY, equivalent to T_SUM file
- Data guide variable description: [P_SUM] A_1FC, A_2FC, A_3FC and

A_4FC, change value = 0 to missing

NOTES FOR ZENTRALARCHIV USERS

The Mobi*drive* database contains personal information of the survey respondents which has to be defended from any misuse. This is especially true for addresses and address geocodes which eventually allow to trace the respondents' daily life structures and to reveal the travellers' identity.

In order to match the general data protection laws and the respective regulations of the *Zentralarchiv für empirische Sozialforschung*, the project consortium decided to either slightly modify or generalise the relevant variables and its values or to fully exclude sensitive data. This concerns the following items:

Person file (P_SUM):

A_1C_HA (excluded)
A_2C_HA (excluded)
A_3C_HA (excluded)
K_1FC (modified: specific statements such as addresses or names substituted by generic Information; see "... (changed)" note)
K_2FC(modified: specific statements such as addresses or names substituted by generic Information; ; see "... (changed)" note)
NAME (excluded)

Household file (HH_SUM)

HOMEX (excluded)
HOMEY (excluded)

See LOC_HH resp. LOC_HH_H, LOC_HH_K and LOC_HH_X variables in the HH_SUM file for equivalent variables.

Vehicle file (V_SUM)

OWNER (excluded)
USER (excluded)
USER_S1 (excluded)
USER_S2 (excluded)
USER_S3 (excluded)

See M_CAR_U variable in the P_SUM file for an equivalent variable.

Trip file (T_SUM)

GCWGS84X (excluded)
GCWGS84Y (excluded)
HOMEX (excluded)
HOMEY (excluded)

See T_DEST in the T_SUM file resp. LOC_HH, LOC_HH_H, LOC_HH_K and LOC_HH_X variables in the HH_SUM file for equivalent variables.

Days with long distance journeys file (DWLD_SUM)

R_LDJ (modified: specific statements such as addresses or names substituted by generic Information; see "... (changed)" note)
D_LDJ (modified: specific statements such as addresses or names substituted by generic information; see "... (changed)" note)

Please note that the data guide still contains the variable description for the variables mentioned as excluded. For further information on the data protection issue and the data availability, please contact the Zentralarchiv or schoenfelder@ivt.baug.ethz.ch.

1 DESCRIPTION AND FREQUENCIES OF VARIABLES IN CORE SAS FILES

The following tables and figures provide a short variable description of the core Mobi*drive* data files. The documentation focuses on a SAS data structure. Frequencies and summary statistics are given where possible and purposeful.

The files are

- Households (file HH_SUM)
- Persons (file P_SUM)
- Vehicles (file V_SUM)
- Trips (file T_SUM)
- Immobile days (file D_IM_SUM)
- Days with long distance journeys (file DWLD_SUM)
- Attitudes and values of the respondents (*file VAL_SUM*)

Helpful complementary files such as “activities” (based on trips made) or “person days” (with summary statistics) may be generated on base of these files according to the analyst’s requirements.

In addition to the files based on the travel survey itself, we provide additional data containing variables of the weather conditions and weather forecast for the period(s) of the survey (file WEATHER). This data was collected and processed during the initial analysis work of Mobi*drive*:

The description includes the variable name, the data source (only T_SUM file) and some further notes concerning conceptual aspects of the survey. In addition to that, you will find SAS related explanations such as the variable labels as well as the fomat statements for the variables. A list of all relevant fomat statements (codes) are given at the end of this document (Section 2).

For a detailed description of the survey forms and their items please see

> PTV AG, B. Fell, S. Schönfelder und K.W. Axhausen (2000) Mobi*drive* questionnaires, *Arbeitsberichte Verkehrs- und Raumplanung*, **52**, Institut für Verkehrsplanung, Transporttechnik, Strassen- und Eisenbahnbau, ETH Zürich, Zürich.

In the near future (until the end of 2002), some further data description is available by accessing the Mobi*drive* section of the NESSTAR data archive server (URL: http://www.nesstar.org).

General annotations for all survey files

In order to maintain the distinction between the pretest data and the main study data as well as between the two case study cities, we introduced the variables STUDYCOD and CITYCODE. Individual data e.g. for a single person can be identified uniquely by the combination of

CITYCODE plus STUDYCOD plus HH_NR plus P_NR

A unique variable identifying one individual respondent of the survey may be therefore calculated by

UNIQUID = CITYCODE * 1000000 + STUDYCOD * 100000 + HH_NR * 10 + P_NR

This may also be done equivalently for single households or vehicles.

1.1 Households (HH_SUM)

General annotation:

Distances to parking spaces, garages and public transport stops were originally reported either in walk time (minutes) or in walking distance (meters). After coding the data, the distances given in time were recoded in meters into the variables DIST_... .

1.1.1 *SAS Contents procedure*

```
Data Set Name: LAST.HH_SUM                          Observations:         162
Member Type:   DATA                                 Variables:            93
Engine:        V6                                   Indexes:              0
Created:       16:18 Monday, August 19, 2002        Observation Length:   796
Last Modified: 16:18 Monday, August 19, 2002        Deleted Observations: 0
Protection:                                         Compressed:           NO
Data Set Type:                                      Sorted:               NO
Label:


                    -----Alphabetic List of Variables and Attributes-----

#    Variable    Type    Len    Pos    Format     Informat    Label
ffffff
```

cont.

77	HH_INC	Num	8	660			Household: Income [tDM]
5	HH_NR	Num	8	42	11.	11.	Household number
92	HOMEX	Num	8	780	BEST12.	BEST32.	Household location (x-coor)
93	HOMEY	Num	8	788	BEST12.	BEST32.	Household location (y-coor)
54	K_O_ACC	Num	8	434			Accommodation: Kind
24	K_O_G1	Num	8	194			1st garage: Kind
28	K_O_G2	Num	8	226			2nd garage: Kind
32	K_O_G3	Num	8	258			3rd garage: Kind
34	K_O_OS1	Num	8	274			1st off-street space: Kind
38	K_O_OS2	Num	8	306			2nd off-street space: Kind
42	K_O_OS3	Num	8	338			3rd off-street space: Kind
56	K_RENTED	Num	8	450			Rented: Kind
6	LOC_HH	Num	8	50			Location of HH (zone)
89	LOC_HH_H	Num	8	756			Household location (zone) Halle
90	LOC_HH_K	Num	8	764			Household location (zone) Karlsruhe
91	LOC_HH_X	Num	8	772			Location of household (relative)
74	N_O_BEM	Num	8	636			Number of email business
19	N_O_CC	Num	8	154			Number of all motorcycles
76	N_O_CON	Num	8	652			Number of connections
11	N_O_CYC	Num	8	90			Number of bicycles
9	N_O_D	Num	8	74			Number of dogs
8	N_O_EM	Num	8	66			Number of external HH members
72	N_O_FAX	Num	8	620			Number of faxes
23	N_O_G	Num	8	186			Number of garages
7	N_O_HHM	Num	8	58			Number of HH members
87	N_O_LIHH	Num	8	740			Number of licenced persons/household
14	N_O_MC	Num	8	114			Number of motorcycles
12	N_O_MCY	Num	8	98			Number of mot. cycles
71	N_O_MOB	Num	8	612			Number of mobiles
13	N_O_MP	Num	8	106			Number of mopeds
17	N_O_MV	Num	8	138			Number of mot. vehicles
33	N_O_OS	Num	8	266			Number of off-street spaces
73	N_O_PEM	Num	8	628			Number of emails private
75	N_O_PH	Num	8	644			Number of phones
46	N_O_PP	Num	8	370			Number of private spaces
10	N_O_PV	Num	8	82			Number of personal vehicles
88	N_O_STHH	Num	8	748			Number of season tickets/household
70	N_O_TEL	Num	8	604			Number of telephones
15	N_O_TR	Num	8	122			Number of trucks
16	N_O_V	Num	8	130			Number of all vehicles
18	N_O_VEH	Num	8	146			Number of vehicles
86	N_O_WPHH	Num	8	732			Number of working persons/household
68	OTHER_F	Char	50	546			Features: Other
55	RENTED	Num	8	442			Rented
4	STUDY	Char	17	25			Study name
2	STUDYCOD	Num	8	8	BEST12.	BEST32.	Study code
53	S_O_ACC	Num	8	426			Accommodation: Size
69	S_O_GAR	Num	8	596			Size of garden
63	TERR	Num	8	506			Features: Terrace
48	U_D_BS	Num	8	386			Bus stop: Unit
26	U_D_G1	Num	8	210			1st garage: Unit
30	U_D_G2	Num	8	242			2nd garage: Unit
52	U_D_HR	Num	8	418			Heavy rail: Unit
50	U_D_LRT	Num	8	402			LRT: Unit
36	U_D_OS1	Num	8	290			1st off-street space: Unit
40	U_D_OS2	Num	8	322			2nd off-street space: Unit
44	U_D_OS3	Num	8	354			3rd off-street space: Unit
66	WASHROOM	Num	8	530			Features: Washroom
57	Y_O_CON	Num	8	458			Year of construction
59	Y_O_MO	Num	8	474			Year of move

1.1.2 *Numeric Variables in alphabetical order*

NAME: ATTIC

LABEL: Features: Attic

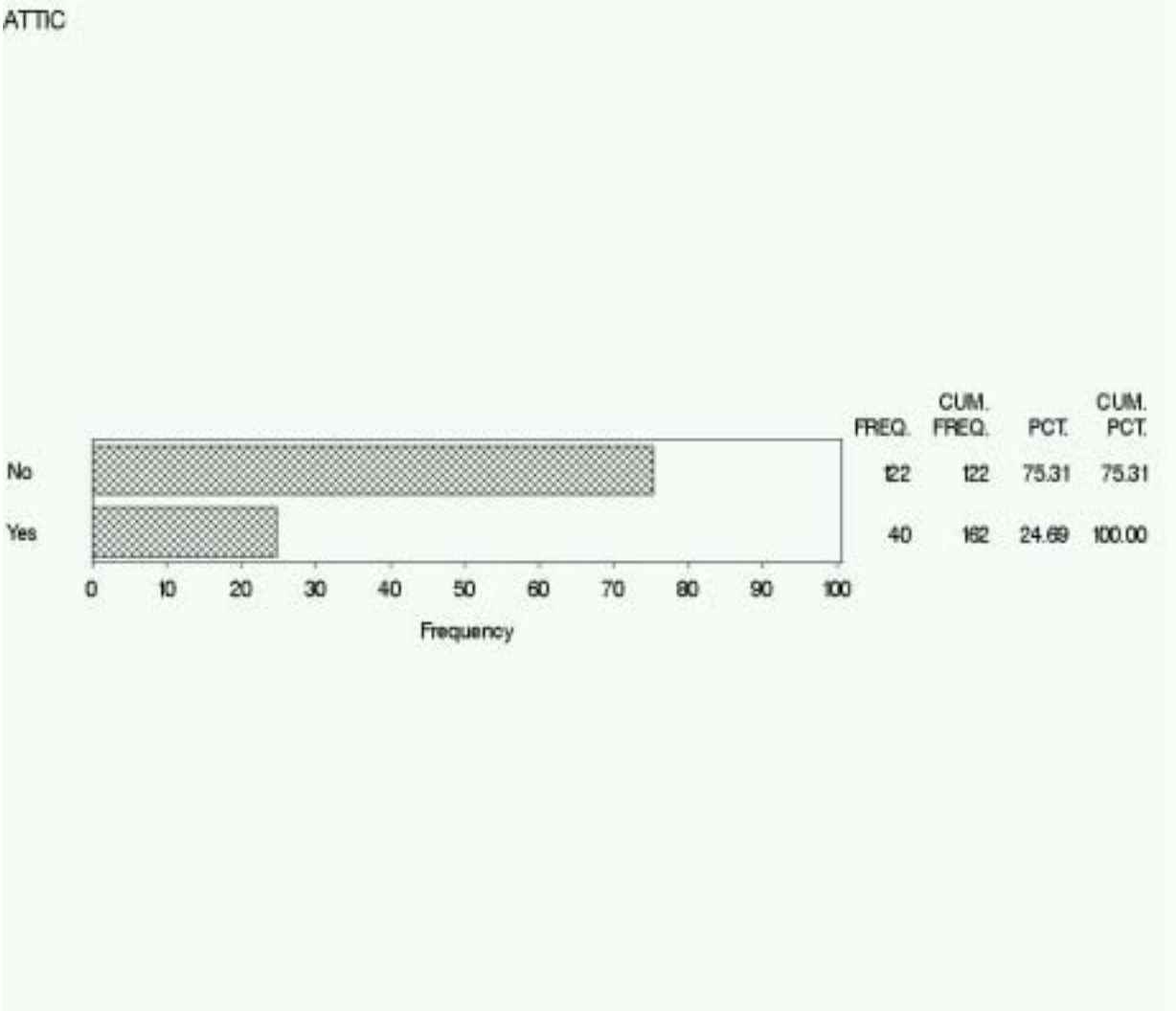
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: A_O_ACC

LABEL: Accommodation: Age

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

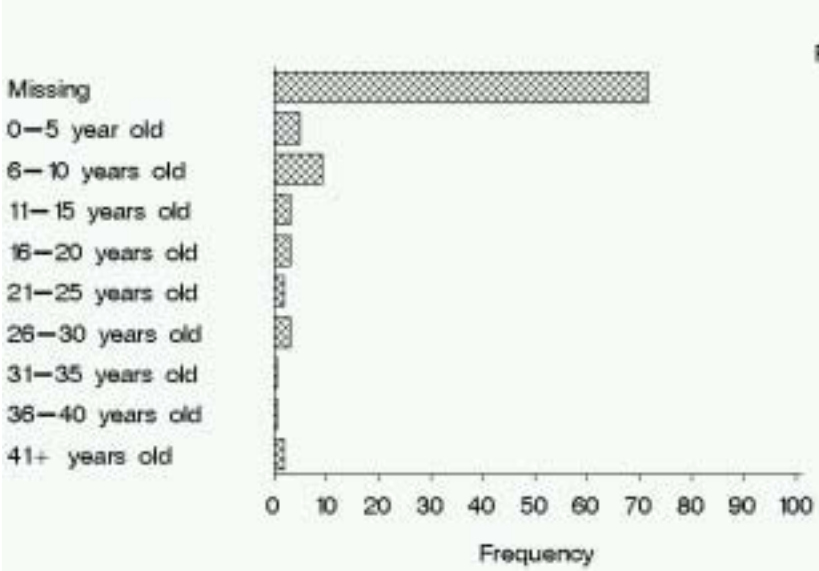
Due to the high number of missing values these values weren't imputed; Years

RELEVANT FORMAT STATEMENTS:

YEARS_E

FREQUENCIES:

A_O_ACC



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	116	116	71.60	71.60
0–5 year old	8	124	4.94	76.54
6–10 years old	15	139	9.26	85.80
11–15 years old	5	144	3.09	88.89
16–20 years old	5	149	3.09	91.98
21–25 years old	3	152	1.85	93.83
26–30 years old	5	157	3.09	96.91
31–35 years old	1	158	0.62	97.53
36–40 years old	1	159	0.62	98.15
41+ years old	3	162	1.85	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
A_O_ACC	46	116	17.13	17.28	0.00	82.00	7.00	10.50	24.00

NAME: BALCONY

LABEL: Features: Balcony

TYPE: Numeric / Discrete

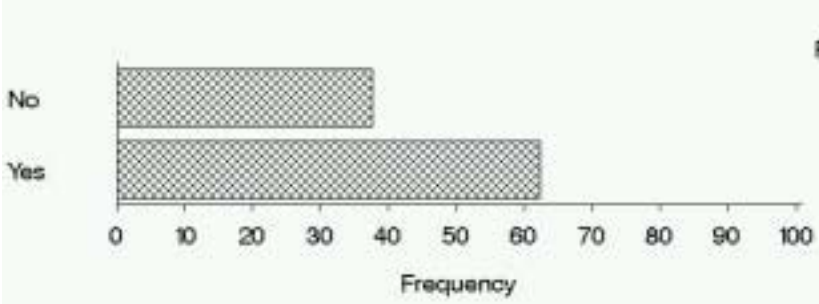
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

BALCONY



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	61	61	37.65	37.65
Yes	101	162	62.35	100.00

NAME: BASEMENT

LABEL: Features: Basement

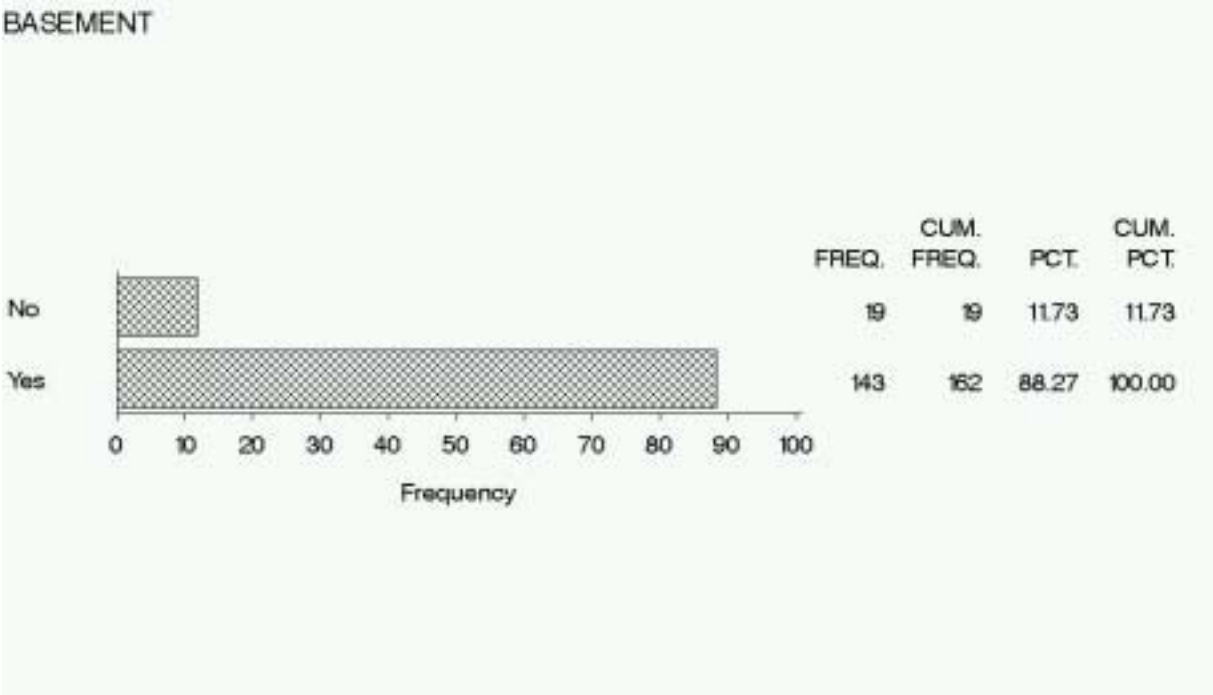
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: CITYCODE

LABEL: Citycode

TYPE: Numeric

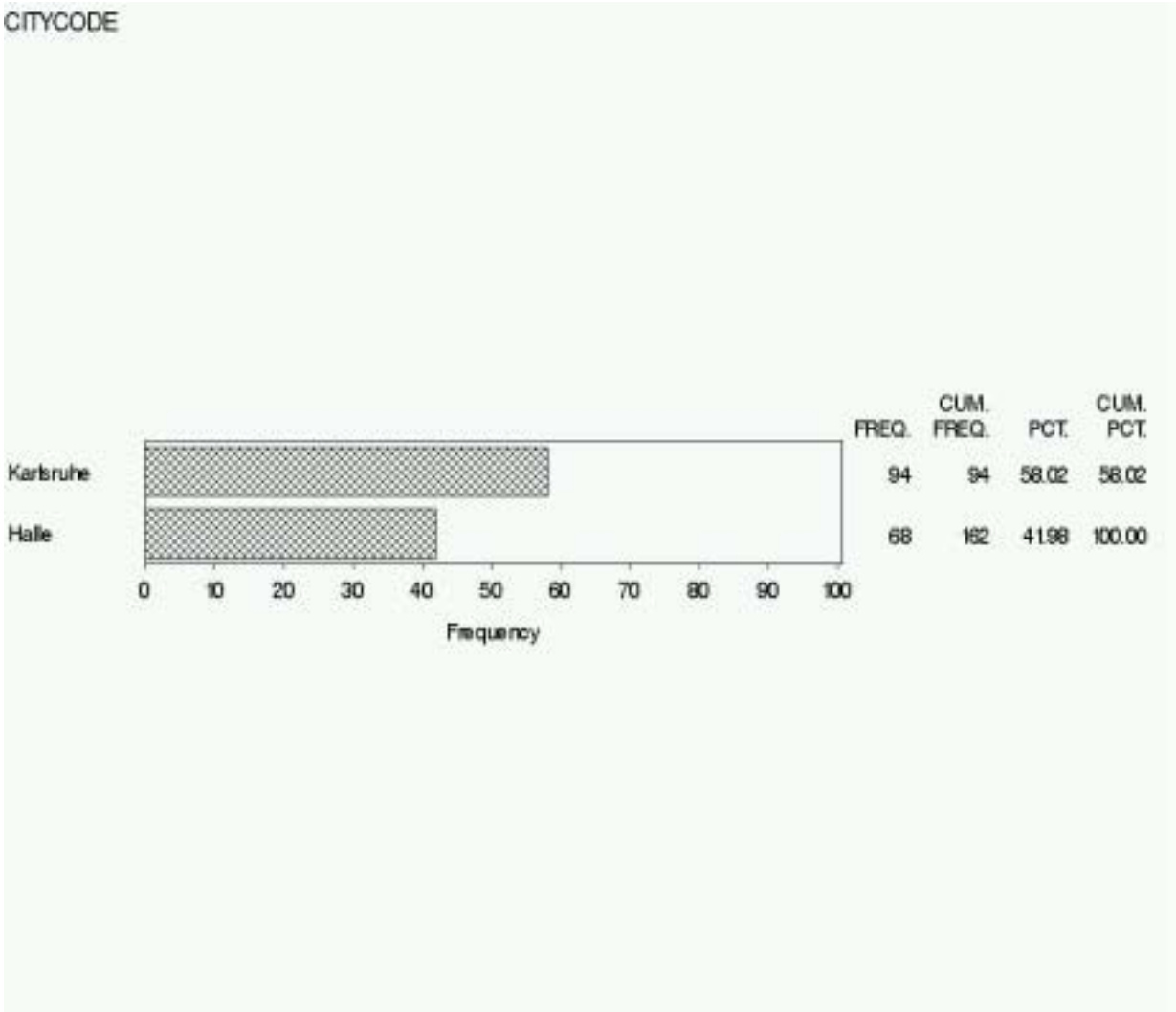
DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

CITYCODE

FREQUENCIES:



NAME: CS_COM

LABEL: Car sharing: Commercial

TYPE: Numeric / Discrete

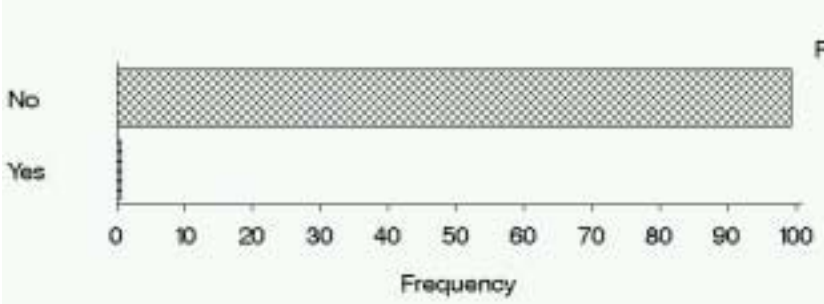
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

CS_COM



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	161	161	99.38	99.38
Yes	1	162	0.62	100.00

NAME: CS_NCOM

LABEL: Car sharing: non-commercial

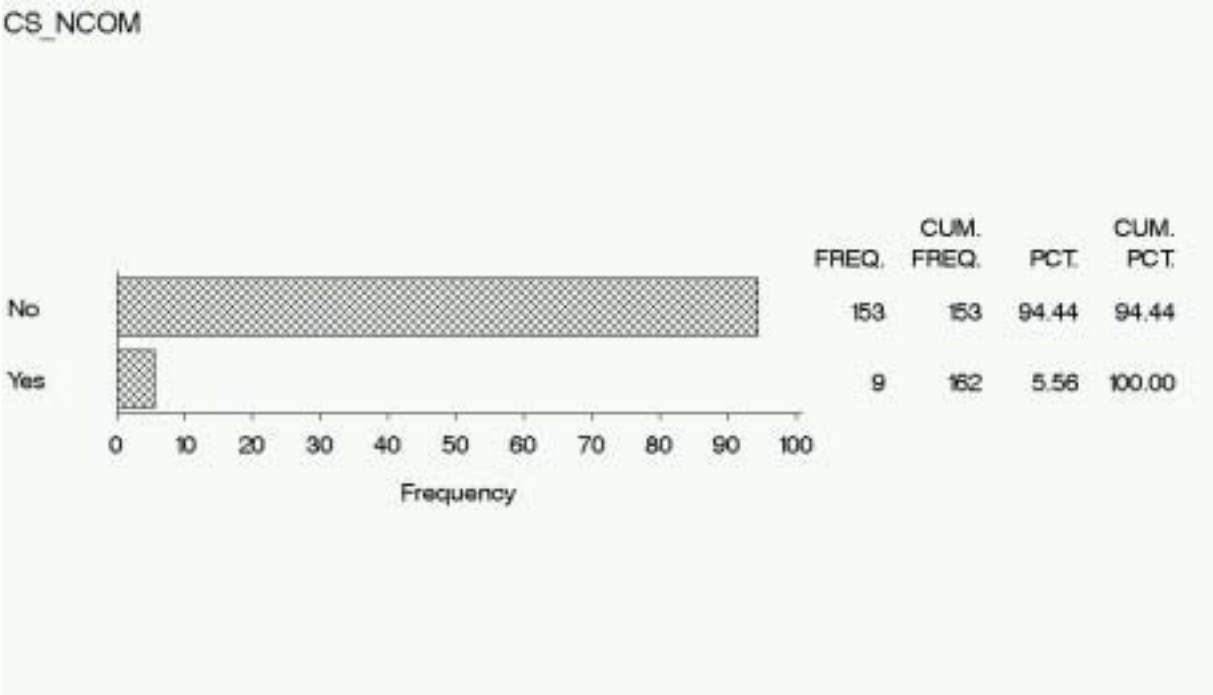
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	153	153	94.44	94.44
Yes	9	162	5.56	100.00

NAME: C_O_ACC

LABEL: Accommodation: Cost

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

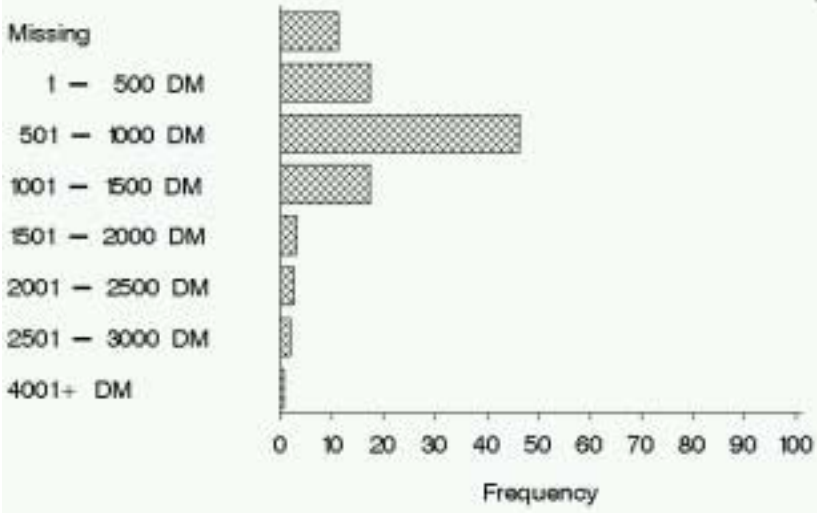
Imputation of missing values were executed in a further step according to Data Format Guide, Part A; rent or mortgage includes extra costs (heating etc.) in DM

RELEVANT FORMAT STATEMENTS:

RENT_A, RENT_B

FREQUENCIES:

C_O_ACC



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	18	18	11.11	11.11
1 – 500 DM	28	46	17.28	28.40
501 – 1000 DM	75	121	46.30	74.69
1001 – 1500 DM	28	149	17.28	91.98
1501 – 2000 DM	5	154	3.09	95.06
2001 – 2500 DM	4	158	2.47	97.53
2501 – 3000 DM	3	161	1.85	99.38
4001+ DM	1	162	0.62	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
C_O_ACC	144	18	944.05	837.69	200.00	9000.00	575.00	763.00	1085.00

NAME: C_O_G1

LABEL: 1st garage: Cost

TYPE: Numeric / Continuous

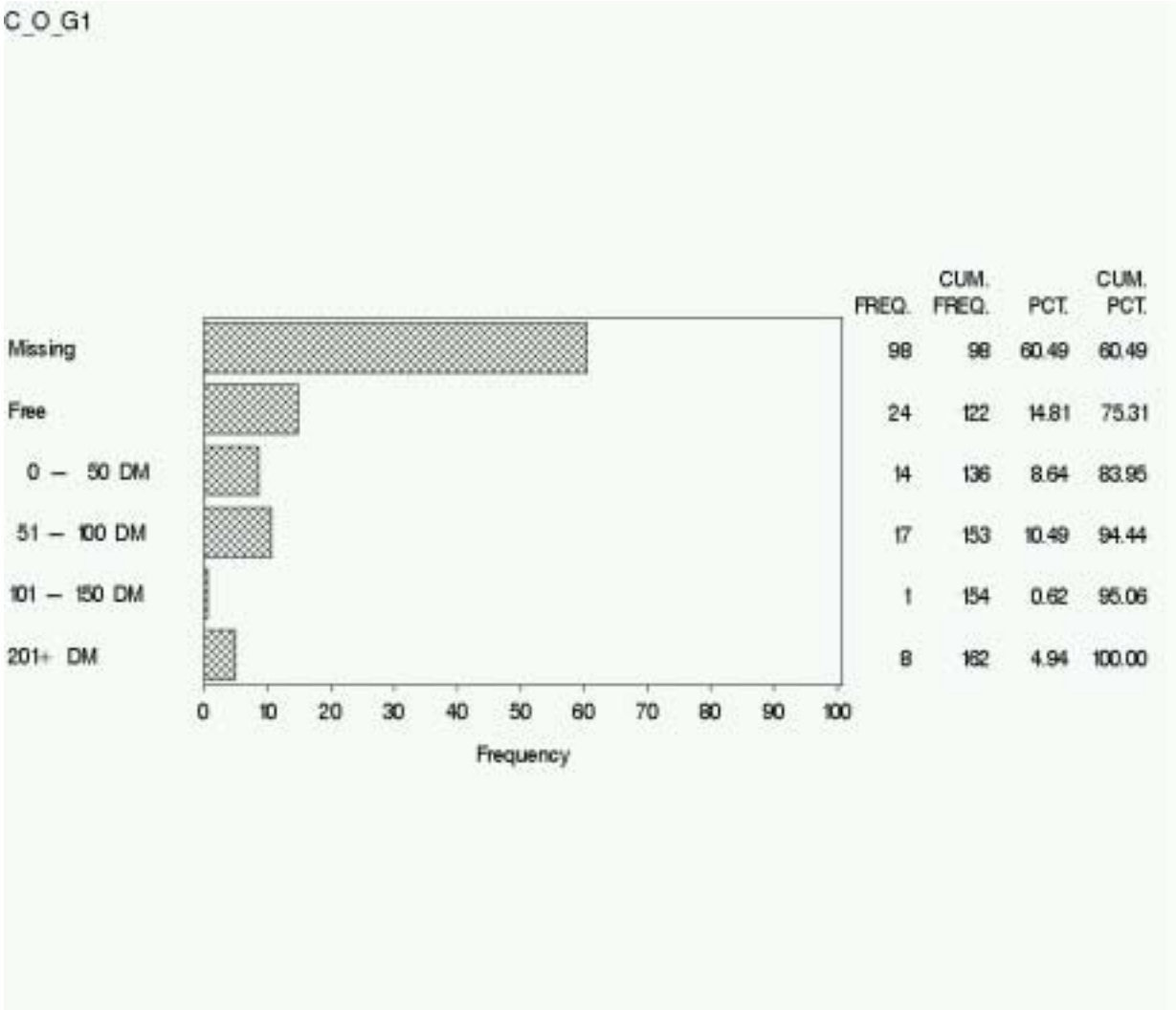
DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; imputation of missing values were executed in a further step according to Data Format Guide, Part A; in DEM

RELEVANT FORMAT STATEMENTS:

FEES_A

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
64	98	1400.84	4480.16	0	20000.00	0	17.5000000	70.0000000

NAME: C_O_G2

LABEL: 2nd garage: Cost

TYPE: Numeric / Continuous

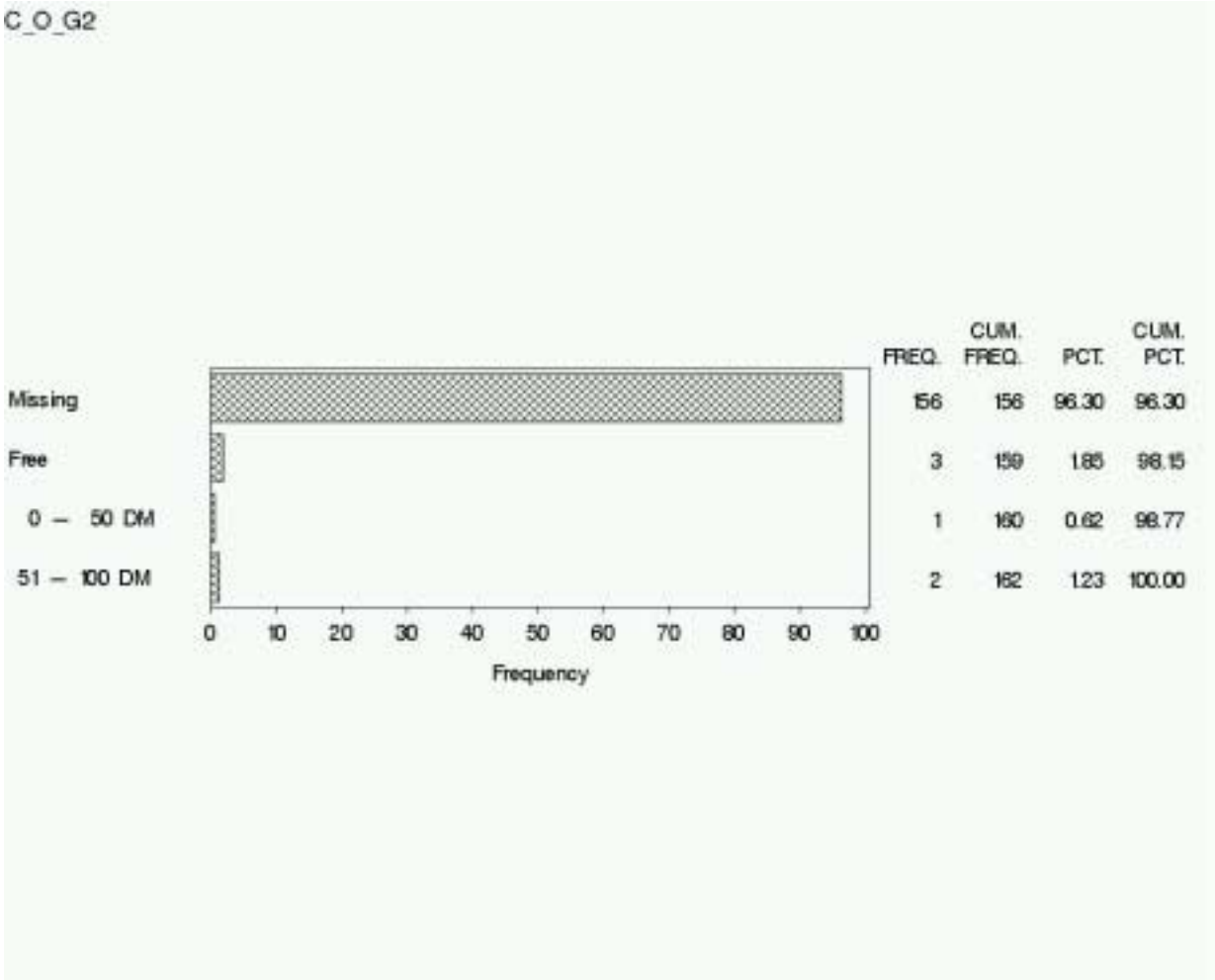
DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; imputation of missing values were executed in a further step according to Data Format Guide, Part A; in DEM

RELEVANT FORMAT STATEMENTS:

FEES_A

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
6	156	35.0000000	41.8330013	0	100.0000000	0	25.0000000	60.0000000

NAME: C_O_OS1

LABEL: 1st off-street space: Cost

TYPE: Numeric / Continuous

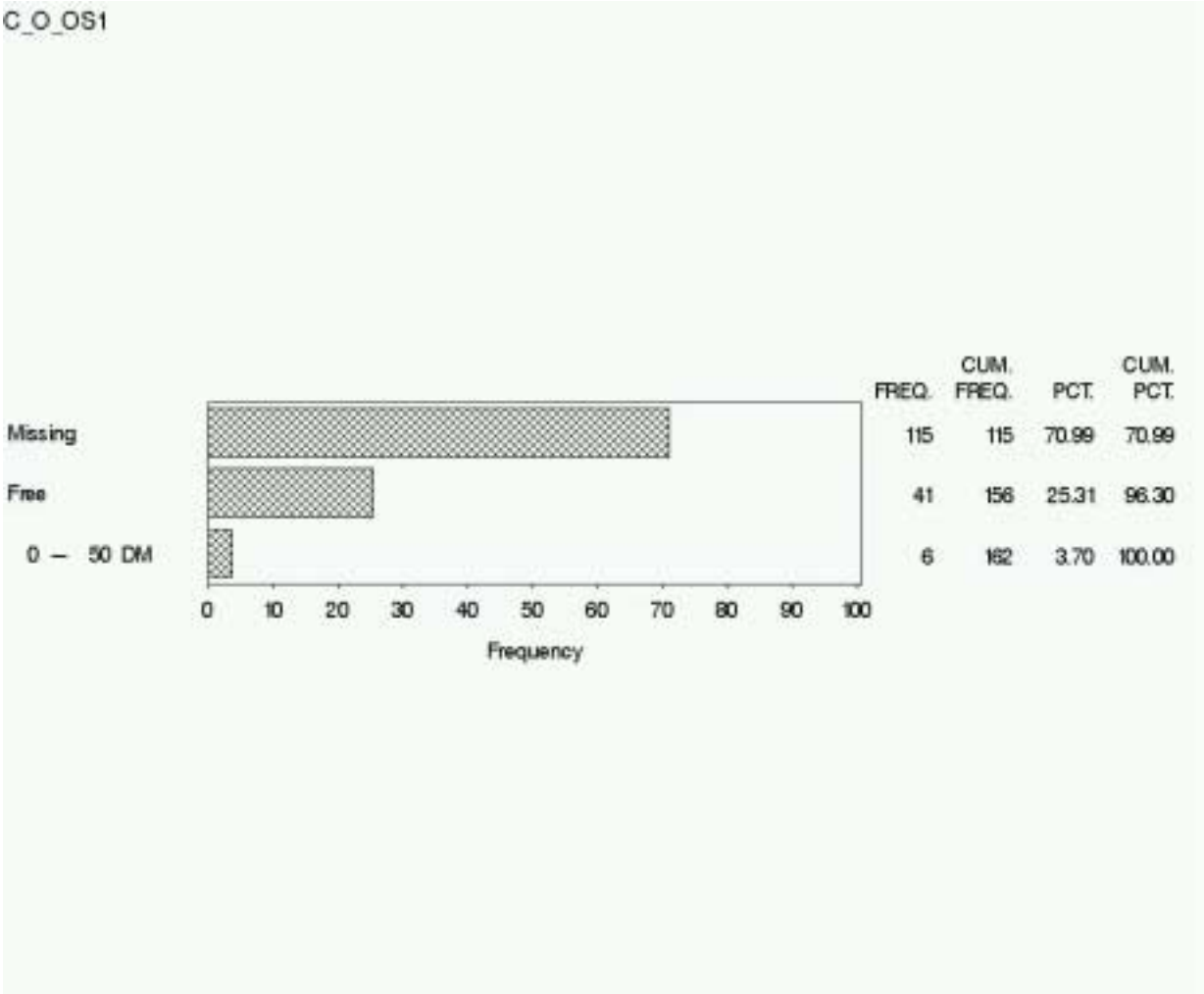
DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; imputation of missing values were executed in a further step according to Data Format Guide, Part A; in DEM

RELEVANT FORMAT STATEMENTS:

FEES_A

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
47	115	3.3829787	11.2318514	0	50.0000000	0	0	0

NAME: C_O_OS2

LABEL: 2nd off-street space: Cost

TYPE: Numeric / Continuous

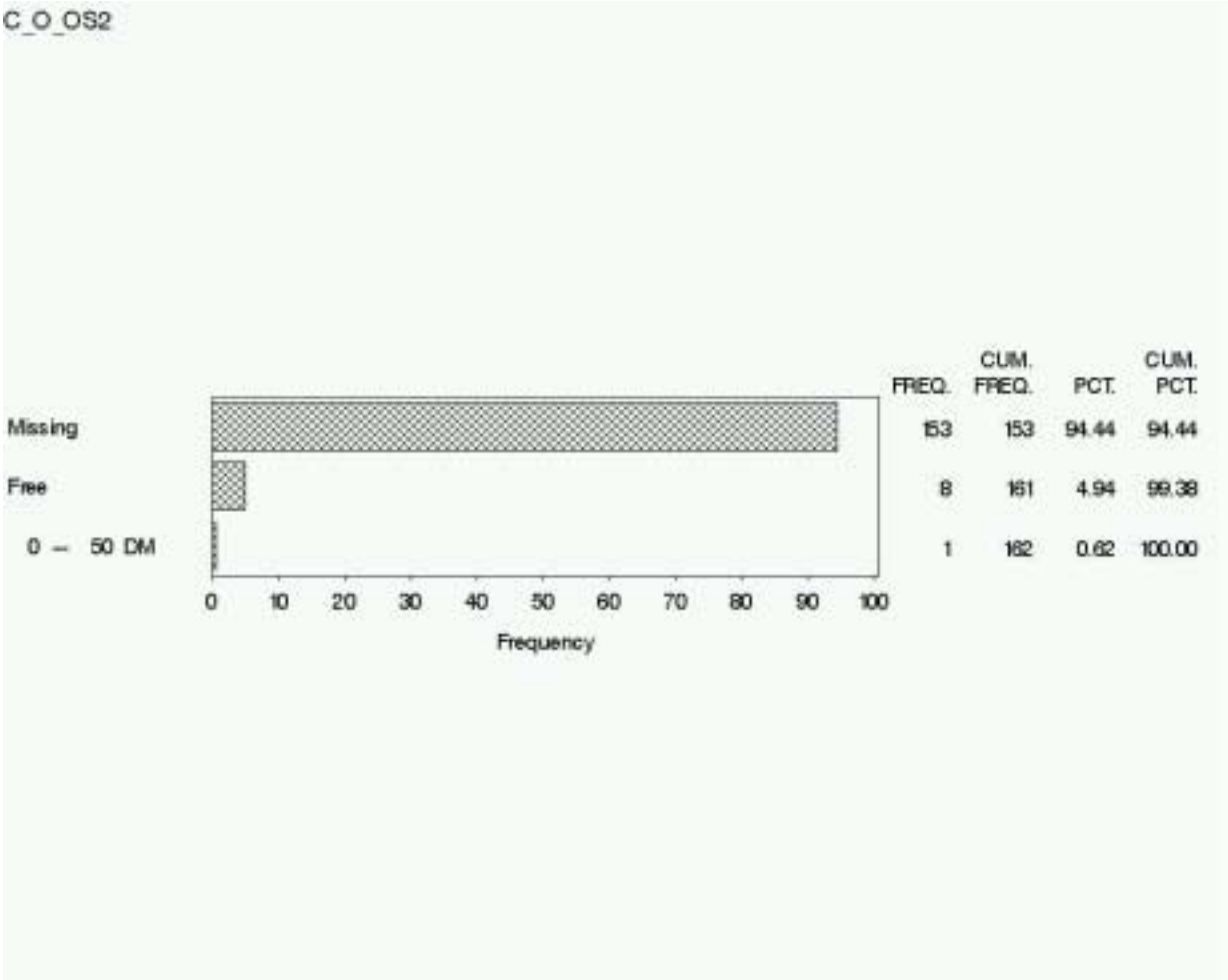
DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; imputation of missing values were executed in a further step according to Data Format Guide, Part A; in DEM

RELEVANT FORMAT STATEMENTS:

FEES_A

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
9	153	3.3333333	10.0000000	0	30.0000000	0	0	0

NAME: C_O_OS3

LABEL: 3rd off-street space: Cost

TYPE: Numeric / Continuous

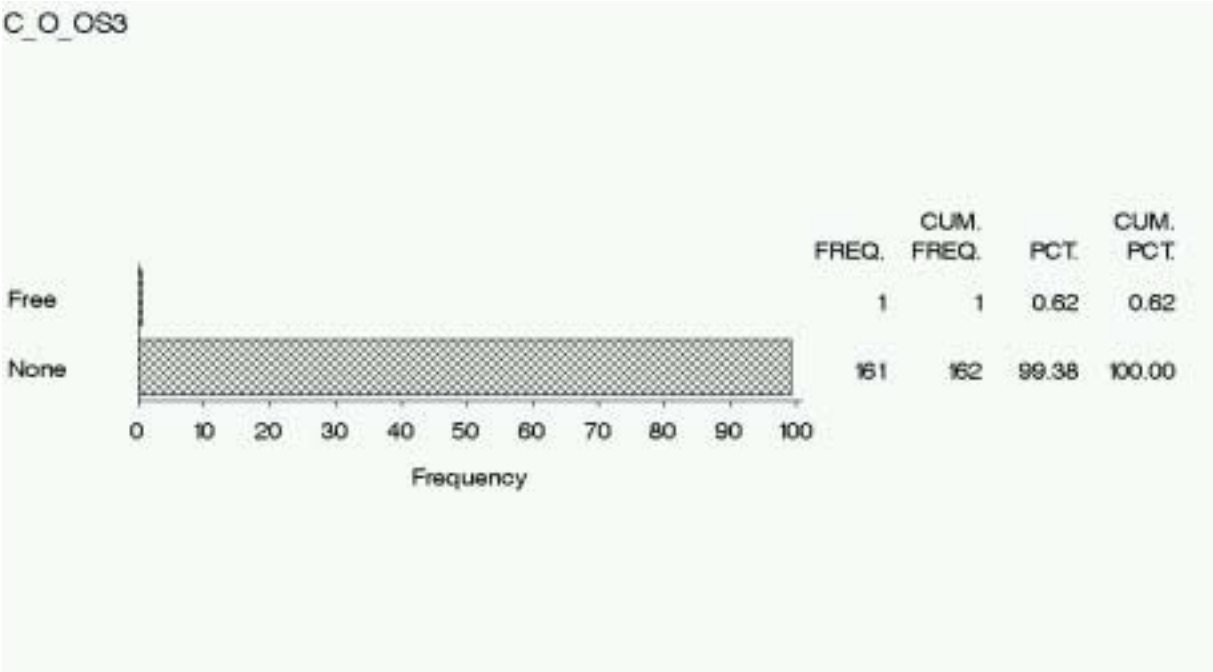
DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; imputation of missing values were executed in a further step according to Data Format Guide, Part A; in DEM

RELEVANT FORMAT STATEMENTS:

FEES_A

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
1	161	0	.	0	0	0	0	0

NAME: DIST_BS

LABEL: Distance to bus stop

TYPE: Numeric / Continuous

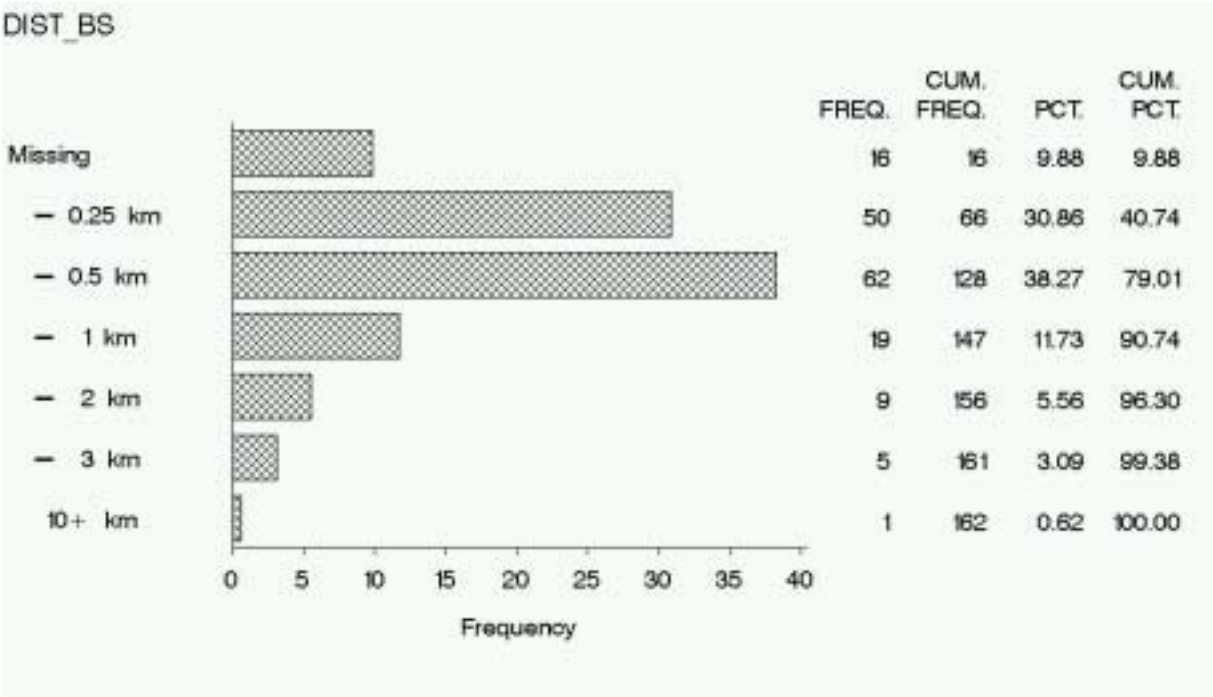
DESCRIPTION / COMMENT:

Created of D_T_BS (Bus stop: Distance) and U_D_BS (measuring unit); imputation of missing values were executed in a further step according to Data Format Guide, Part A; recalculated in meters

RELEVANT FORMAT STATEMENTS:

DIST_A, DIST_B, DIST_C, DIST_D, DIST_E, DIST_ED, DIST_F, DIST_G, DIST_MZ, DIST_W

FREQUENCIES:



SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
DIST_BS	146	16	578.22	1114.36	5.00	12500.00	200.00	400.00	500.00

NAME: DIST_G1

LABEL: Distance to garage 1

TYPE: Numeric / Continuous

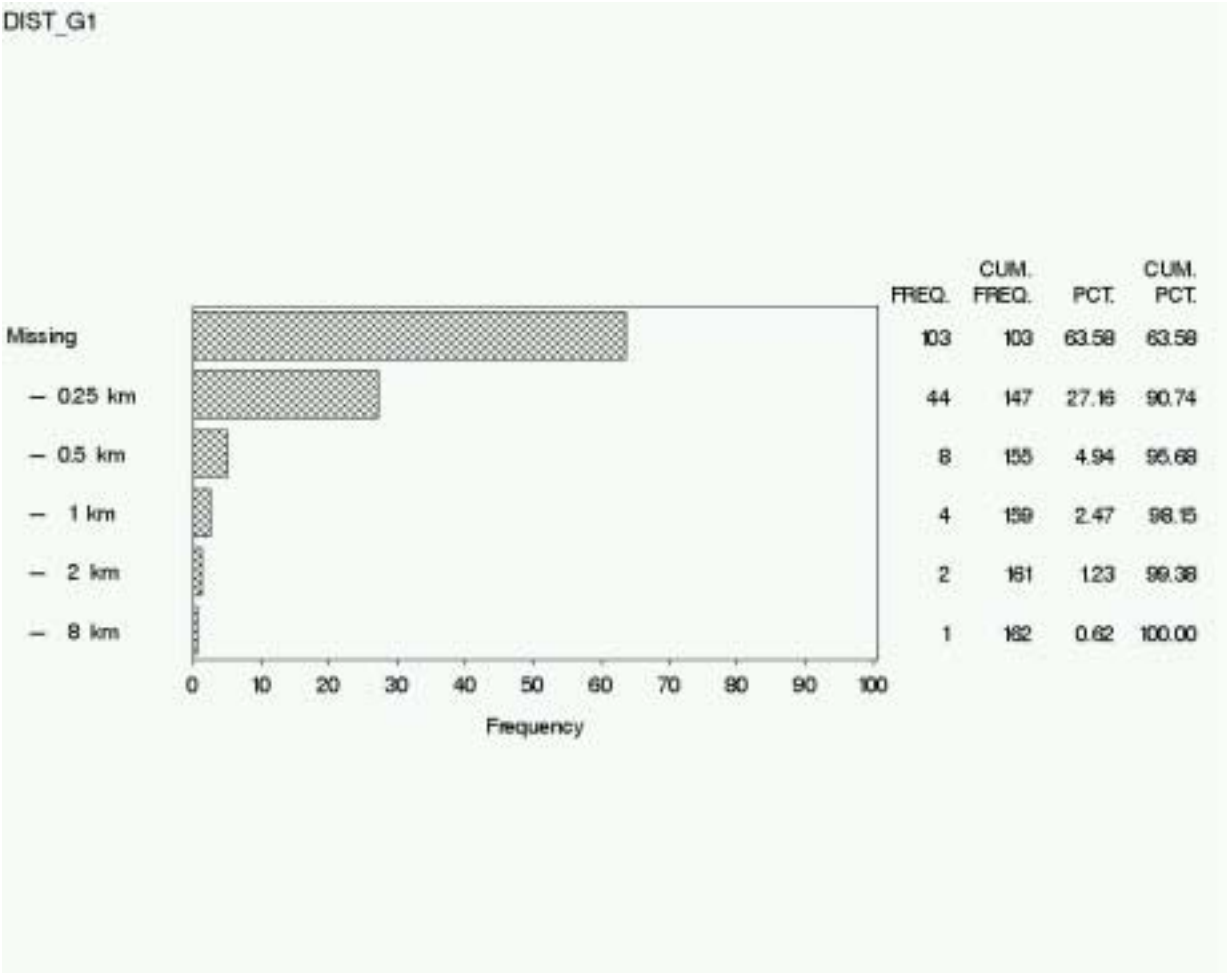
DESCRIPTION / COMMENT:

Created of D_T_G1(1st garage: Distance) and U_D_G1 (measuring unit); imputation of missing values were executed in a further step according to Data Format Guide, Part A; recalculated in meters

RELEVANT FORMAT STATEMENTS:

DIST_A, DIST_B, DIST_C, DIST_D, DIST_E, DIST_ED, DIST_F, DIST_G, DIST_MZ, DIST_W

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
59	103	342.9265537	1053.74	0	8000.00	50.0000000	100.0000000	250.0000000

NAME: DIST_G2

LABEL: Distance to garage 2

TYPE: Numeric / Continuous

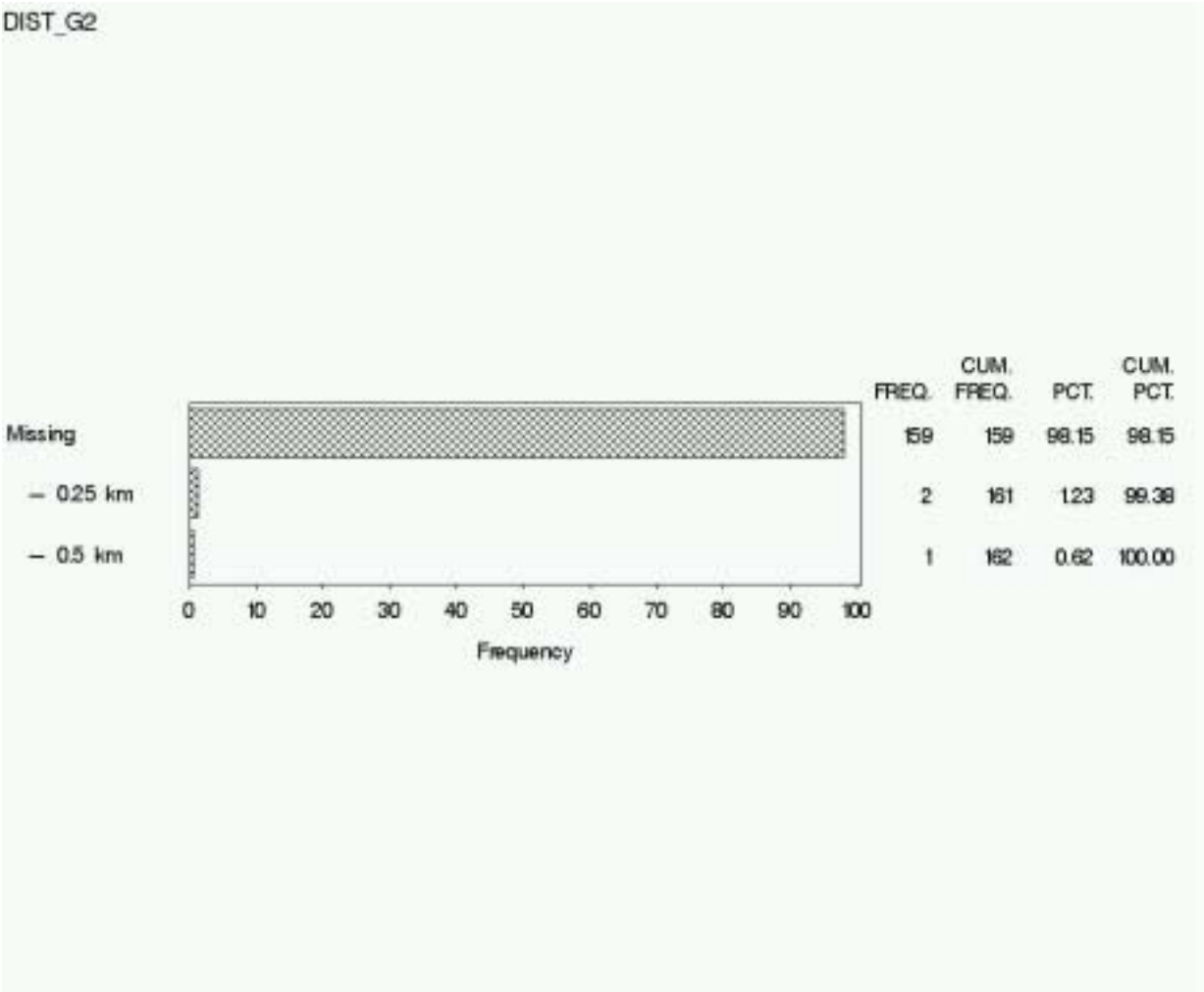
DESCRIPTION / COMMENT:

Created of D_T_ G2 (2nd garage: Distance) and U_D_G2 (measuring unit); imputation of missing values were executed in a further step according to Data Format Guide, Part A; recalculated in meters

RELEVANT FORMAT STATEMENTS:

DIST_A, DIST_B, DIST_C, DIST_D, DIST_E, DIST_ED, DIST_F, DIST_G, DIST_MZ, DIST_W

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
3	159	179.4444444	165.1290180	5.0000000	333.3333333	5.0000000	200.0000000	333.3333333

NAME: DIST_HR

LABEL: Distance to heavy rail

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

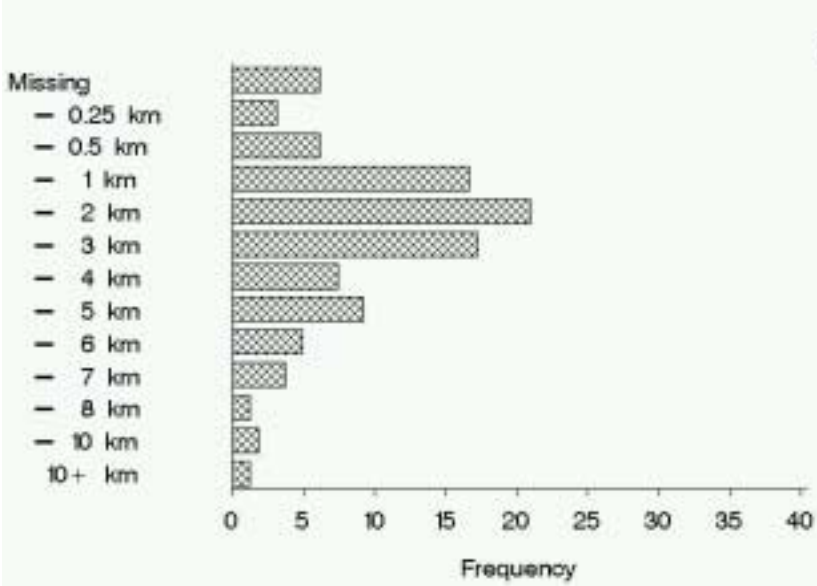
Created of D_T_HR (Heavy rail: Distance) and U_D_HR (measuring unit); imputation of missing values were executed in a further step according to Data Format Guide, Part A; recalculated in meters

RELEVANT FORMAT STATEMENTS:

DIST_A, DIST_B, DIST_C, DIST_D, DIST_E, DIST_ED, DIST_F, DIST_G, DIST_MZ, DIST_W

FREQUENCIES:

DIST_HR



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	10	10	6.17	6.17
— 0.25 km	5	15	3.09	9.26
— 0.5 km	10	25	6.17	15.43
— 1 km	27	52	16.67	32.10
— 2 km	34	86	20.99	53.09
— 3 km	28	114	17.28	70.37
— 4 km	12	126	7.41	77.78
— 5 km	15	141	9.26	87.04
— 6 km	8	149	4.94	91.98
— 7 km	6	155	3.70	95.68
— 8 km	2	157	1.23	96.91
— 10 km	3	160	1.85	98.77
10+ km	2	162	1.23	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
DIST_HR	152	10	2868.31	2611.04	100.00	18000.00	1000.00	2041.67	4000.00

NAME: DIST_LRT

LABEL: Distance to LRT

TYPE: Numeric / Continuous

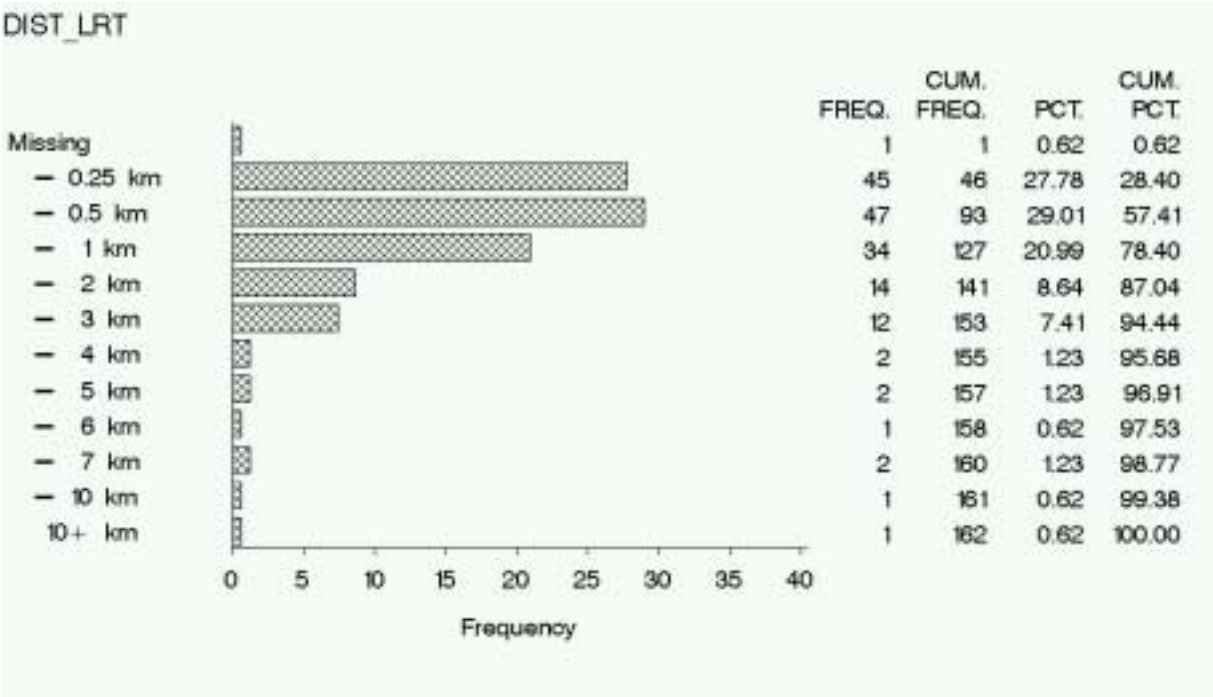
DESCRIPTION / COMMENT:

Created of D_T_LRT (LRT: Distance) and U_D_LRT (measuring unit); imputation of missing values were executed in a further step according to Data Format Guide, Part A; recalculated in meters

RELEVANT FORMAT STATEMENTS:

DIST_A, DIST_B, DIST_C, DIST_D, DIST_E, DIST_ED, DIST_F, DIST_G, DIST_MZ, DIST_W

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	1	1	0.62	0.62
— 0.25 km	45	46	27.78	28.40
— 0.5 km	47	93	29.01	57.41
— 1 km	34	127	20.99	78.40
— 2 km	14	141	8.64	87.04
— 3 km	12	153	7.41	94.44
— 4 km	2	155	1.23	95.68
— 5 km	2	157	1.23	96.91
— 6 km	1	158	0.62	97.53
— 7 km	2	160	1.23	98.77
— 10 km	1	161	0.62	99.38
10+ km	1	162	0.62	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
DIST_LRT	161	1	3523.81	32793.13	20.00	416666.67	250.00	416.67	833.33

NAME: DIST_OS1

LABEL: Distance to off-street space 1

TYPE: Numeric / Continuous

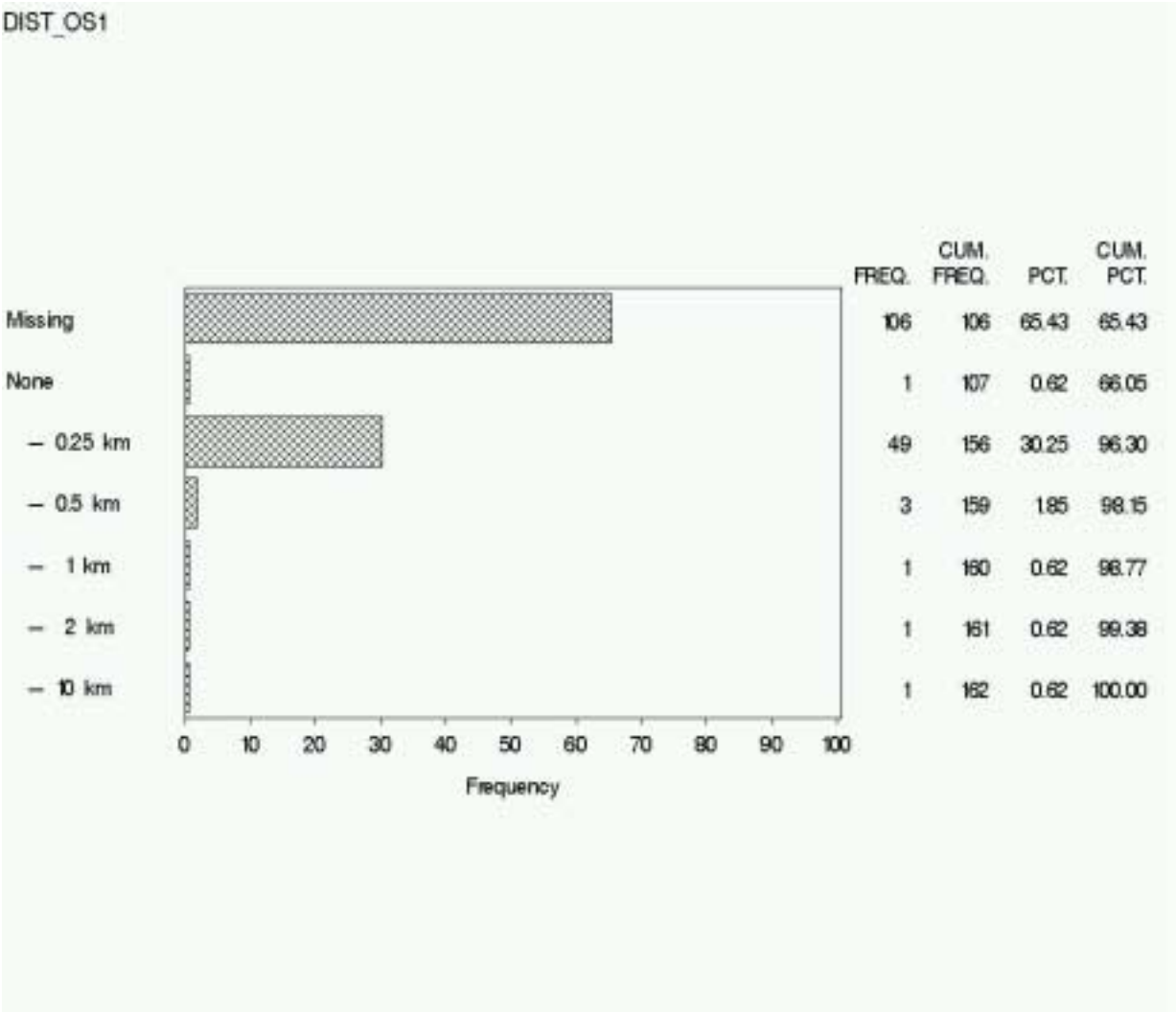
DESCRIPTION / COMMENT:

Created of D_T_OS1 (off street1: Distance) and U_D_BS (measuring unit); imputation of missing values were executed in a further step according to Data Format Guide, Part A; recalculated in meters

RELEVANT FORMAT STATEMENTS:

DIST_A, DIST_B, DIST_C, DIST_D, DIST_E, DIST_ED, DIST_F, DIST_G, DIST_MZ, DIST_W

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
56	106	303.5059524	1335.02	0	10000.00	20.0000000	83.3333333	166.6666667

NAME: DIST_OS2

LABEL: Distance to off-street space 2

TYPE: Numeric / Continuous

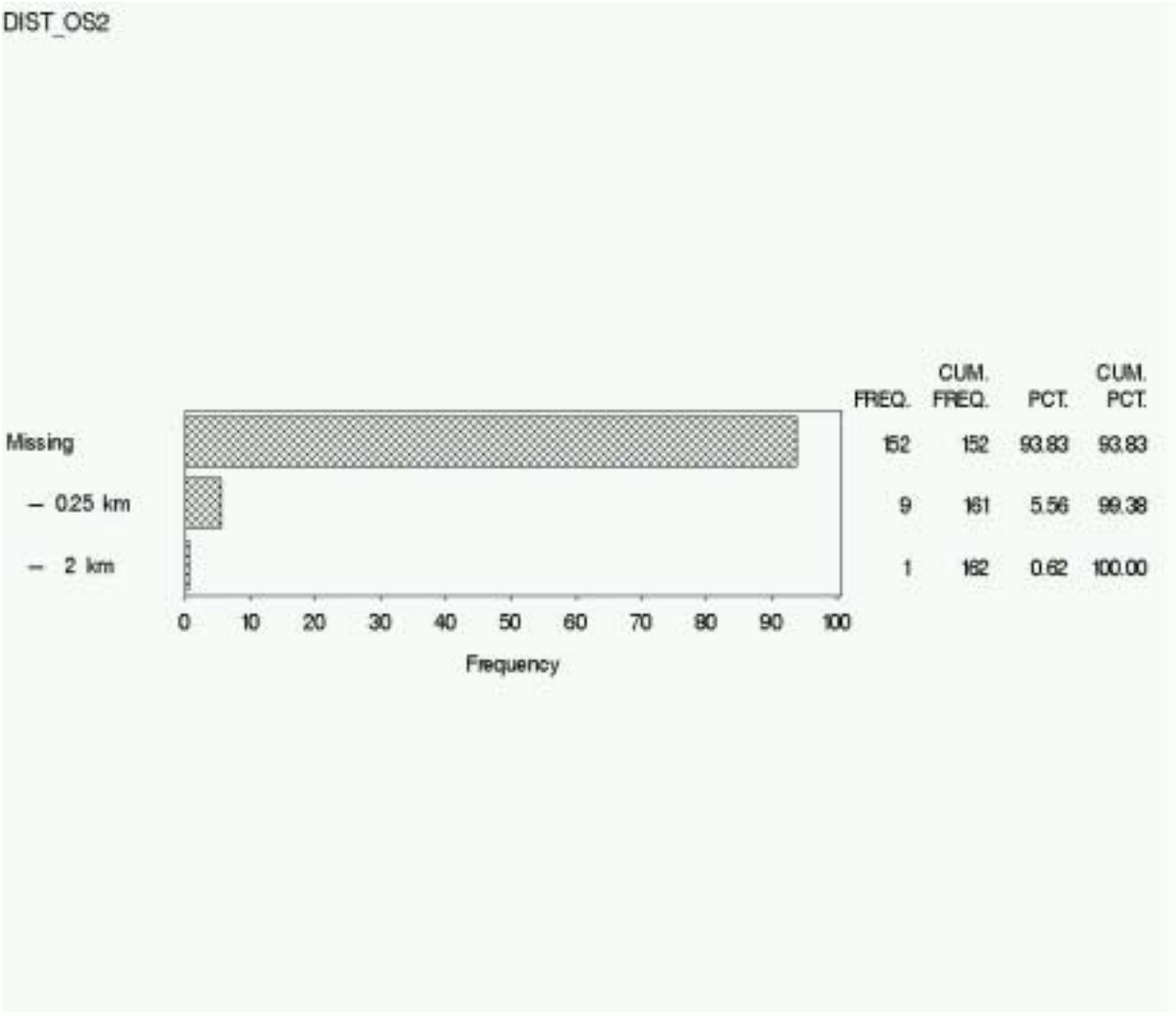
DESCRIPTION / COMMENT:

Created of D_T_OS2 (off street1: Distance) and U_D_BS (measuring unit); imputation of missing values were executed in a further step according to Data Format Guide, Part A; recalculated in meters

RELEVANT FORMAT STATEMENTS:

DIST_A, DIST_B, DIST_C, DIST_D, DIST_E, DIST_ED, DIST_F, DIST_G, DIST_MZ, DIST_W

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
1	161	1666.67	.	1666.67	1666.67	1666.67	1666.67	1666.67

NAME: DIST_OS3

LABEL: Distance to off-street space 3

TYPE: Numeric / Continuous

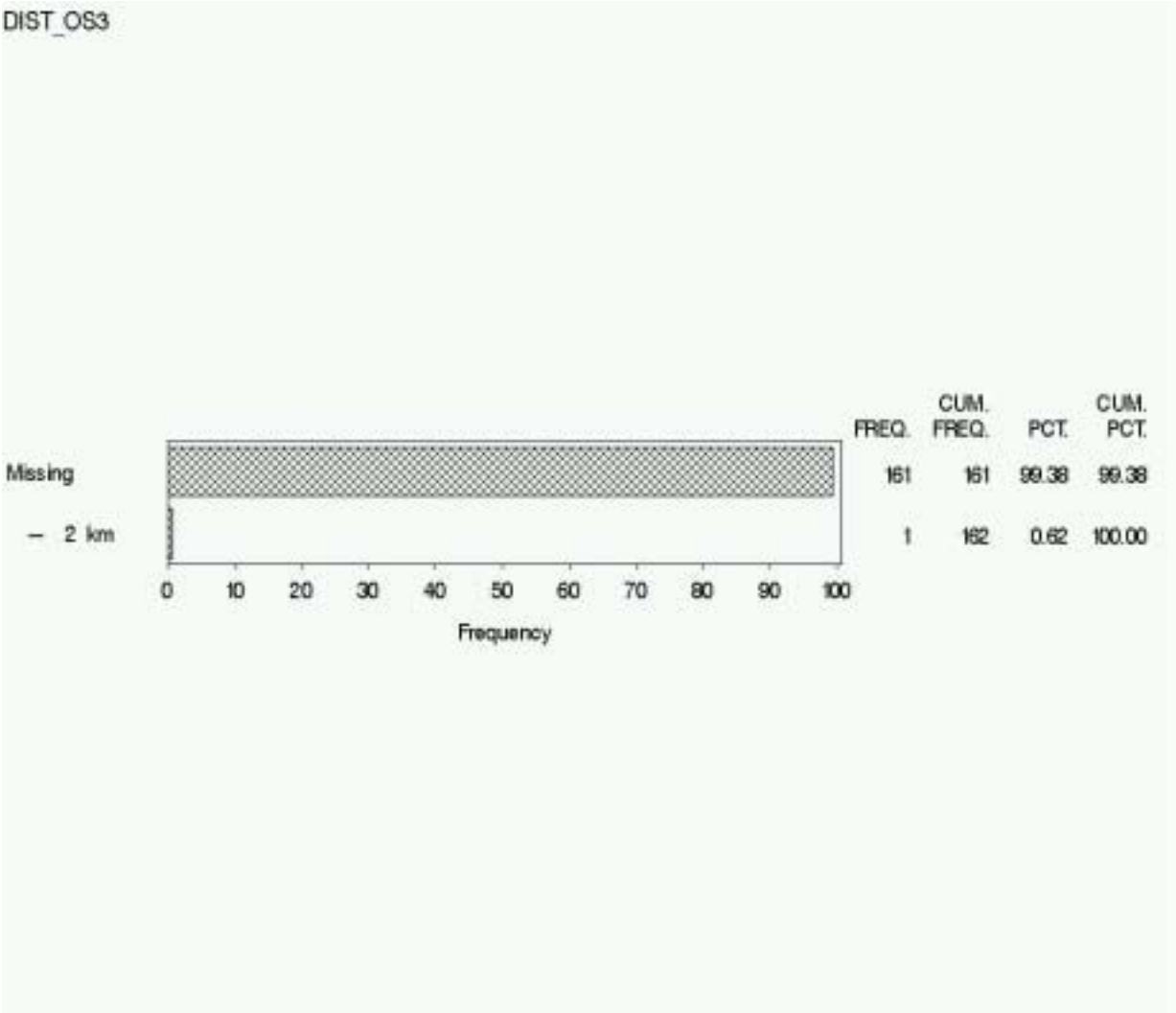
DESCRIPTION / COMMENT:

Created of D_T_OS3 (off street1: Distance) and U_D_BS (measuring unit); imputation of missing values were executed in a further step according to Data Format Guide, Part A; recalculated in meters

RELEVANT FORMAT STATEMENTS:

DIST_A, DIST_B, DIST_C, DIST_D, DIST_E, DIST_ED, DIST_F, DIST_G, DIST_MZ, DIST_W

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
1	161	0	.	0	0	0	0	0

NAME: D_O_RES

LABEL: Duration of residence

TYPE: Numeric / Continuos

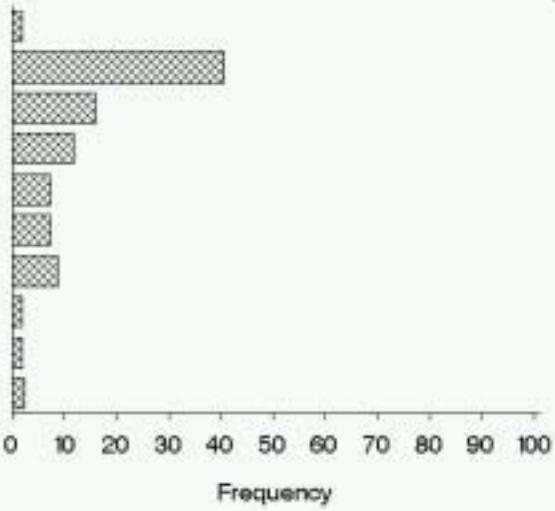
DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A; 1999 minus year of move

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

D_O_RES



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	3	3	1.85	1.85
0—5 year old	66	69	40.74	42.59
6—10 years old	26	95	16.05	58.64
11—15 years old	19	114	11.73	70.37
16—20 years old	12	126	7.41	77.78
21—25 years old	12	138	7.41	85.19
26—30 years old	14	152	8.64	93.83
31—35 years old	3	155	1.85	95.68
36—40 years old	3	158	1.85	97.53
41+ years old	4	162	2.47	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
D_O_RES	159	3	11.95	11.98	0.00	64.00	3.00	8.00	19.00

NAME: D_T_BS

LABEL: Bus stop: Distance

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Either minutes or meters (according to U_D_BS)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

Bus stop: Distance

D_T_BS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	3	2.01	3	2.01
1	6	4.03	9	6.04
2	5	3.36	14	9.40
3	10	6.71	24	16.11
4	6	4.03	30	20.13
5	31	20.81	61	40.94
6	2	1.34	63	42.28
7	3	2.01	66	44.30
8	1	0.67	67	44.97
10	12	8.05	79	53.02
12	1	0.67	80	53.69
15	6	4.03	86	57.72
20	1	0.67	87	58.39
25	2	1.34	89	59.73
30	3	2.01	92	61.74
50	5	3.36	97	65.10
60	1	0.67	98	65.77
80	1	0.67	99	66.44
100	6	4.03	105	70.47
150	5	3.36	110	73.83
200	8	5.37	118	79.19
250	2	1.34	120	80.54
300	12	8.05	132	88.59
350	2	1.34	134	89.93
400	6	4.03	140	93.96
500	4	2.68	144	96.64
1000	2	1.34	146	97.99
1500	2	1.34	148	99.33
3000	1	0.67	149	100.00

Frequency Missing = 13

NAME: D_T_G1

LABEL: 1st garage: Distance

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Either minutes or meters (according to U_D_G1)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

1st garage: Distance

D_T_G1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	7	10.61	7	10.61
1	13	19.70	20	30.30
2	7	10.61	27	40.91
3	2	3.03	29	43.94
5	7	10.61	36	54.55
8	2	3.03	38	57.58
10	7	10.61	45	68.18
12	3	4.55	48	72.73
17	1	1.52	49	74.24
20	1	1.52	50	75.76
30	1	1.52	51	77.27
50	2	3.03	53	80.30
100	4	6.06	57	86.36
120	1	1.52	58	87.88
150	1	1.52	59	89.39
200	2	3.03	61	92.42
300	1	1.52	62	93.94
500	2	3.03	64	96.97
1200	1	1.52	65	98.48
8000	1	1.52	66	100.00

Frequency Missing = 96

NAME: D_T_G2

LABEL: 2nd garage: Distance

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Either minutes or meters (according to U_D_G2)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

2nd garage: Distance

D_T_G2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	2	28.57	2	28.57
1	1	14.29	3	42.86
4	1	14.29	4	57.14
5	1	14.29	5	71.43
100	1	14.29	6	85.71
200	1	14.29	7	100.00

Frequency Missing = 155

NAME: D_T_HR

LABEL: Heavy rail: Distance

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Either minutes or meters (according to U_D_HR)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

Heavy rail: Distance

D_T_HR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
2	3	1.86	3	1.86
5	3	1.86	6	3.73
7	1	0.62	7	4.35
8	1	0.62	8	4.97
10	11	6.83	19	11.80
12	2	1.24	21	13.04
15	13	8.07	34	21.12
20	13	8.07	47	29.19
25	6	3.73	53	32.92
30	9	5.59	62	38.51
40	3	1.86	65	40.37
45	1	0.62	66	40.99
100	1	0.62	67	41.61
150	1	0.62	68	42.24
300	2	1.24	70	43.48
400	3	1.86	73	45.34
500	2	1.24	75	46.58
600	1	0.62	76	47.20
800	1	0.62	77	47.83
1000	10	6.21	87	54.04
1300	1	0.62	88	54.66
1400	1	0.62	89	55.28
2000	6	3.73	95	59.01
2500	3	1.86	98	60.87
3000	10	6.21	108	67.08
3500	5	3.11	113	70.19
4000	6	3.73	119	73.91
4500	2	1.24	121	75.16
5000	14	8.70	135	83.85
5500	2	1.24	137	85.09
6000	7	4.35	144	89.44
6500	1	0.62	145	90.06
7000	7	4.35	152	94.41
7500	1	0.62	153	95.03
8000	2	1.24	155	96.27
10000	3	1.86	158	98.14
12000	1	0.62	159	98.76
18000	2	1.24	161	100.00

Frequency Missing = 1

NAME: D_T_LRT

LABEL: LRT: Distance

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Either minutes or meters (according to U_D_LRT)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

LRT: Distance

D_T_LRT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	4	2.48	4	2.48
2	8	4.97	12	7.45
3	10	6.21	22	13.66
4	7	4.35	29	18.01
5	22	13.66	51	31.68
6	3	1.86	54	33.54
7	9	5.59	63	39.13
8	2	1.24	65	40.37
10	18	11.18	83	51.55
15	6	3.73	89	55.28
20	5	3.11	94	58.39
25	5	3.11	99	61.49
30	2	1.24	101	62.73
45	1	0.62	102	63.35
50	7	4.35	109	67.70
60	1	0.62	110	68.32
100	2	1.24	112	69.57
150	4	2.48	116	72.05
200	5	3.11	121	75.16
250	2	1.24	123	76.40
300	8	4.97	131	81.37
400	4	2.48	135	83.85
500	3	1.86	138	85.71
900	1	0.62	139	86.34
1000	4	2.48	143	88.82
1600	1	0.62	144	89.44
2000	4	2.48	148	91.93
2500	2	1.24	150	93.17
3000	3	1.86	153	95.03
3500	1	0.62	154	95.65
5000	3	1.86	157	97.52
6000	1	0.62	158	98.14
7000	2	1.24	160	99.38
10000	1	0.62	161	100.00

Frequency Missing = 1

NAME: D_T_OS1

LABEL: 1st off-street space: Distance

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Either minutes or meters (according to U_D_OS1)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

1st off-street space: Distance

D_T_OS1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	2	3.51	2	3.51
1	15	26.32	17	29.82
2	10	17.54	27	47.37
3	2	3.51	29	50.88
5	7	12.28	36	63.16
10	4	7.02	40	70.18
12	1	1.75	41	71.93
15	1	1.75	42	73.68
20	3	5.26	45	78.95
30	1	1.75	46	80.70
40	1	1.75	47	82.46
50	3	5.26	50	87.72
70	1	1.75	51	89.47
100	3	5.26	54	94.74
140	1	1.75	55	96.49
300	1	1.75	56	98.25
10000	1	1.75	57	100.00

Frequency Missing = 105

NAME: D_T_OS2

LABEL: 2nd off-street space: Distance

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Either minutes or meters (according to U_D_OS2)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

2nd off-street space: Distance

D_T_OS2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1	9.09	1	9.09
1	3	27.27	4	36.36
2	2	18.18	6	54.55
3	1	9.09	7	63.64
10	1	9.09	8	72.73
15	1	9.09	9	81.82
20	1	9.09	10	90.91
100	1	9.09	11	100.00

Frequency Missing = 151

NAME: D_T_OS3

LABEL: 3rd off-street space: Distance

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Either minutes or meters (according to U_D_OS3)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

3rd off-street space: Distance

D_T_OS3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1	50.00	1	50.00
20	1	50.00	2	100.00

Frequency Missing = 160

NAME: F_CSNC

LABEL: Frequency: Non-com car sharing

TYPE: Character/ Discrete

DESCRIPTION / COMMENT:

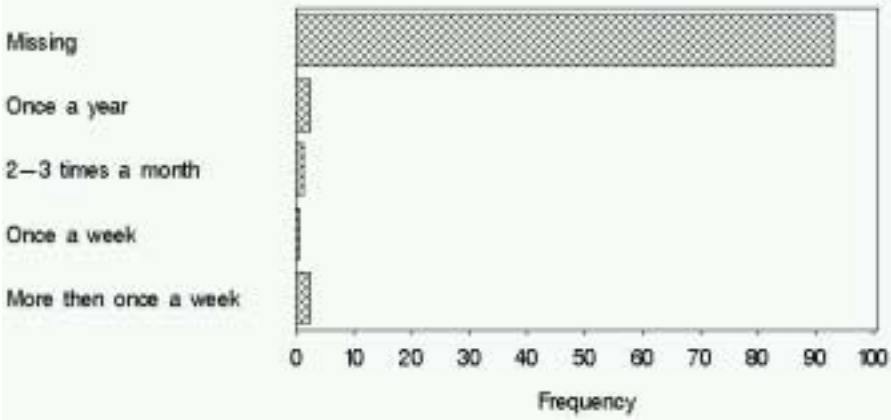
To calculate summary statistics structural missings were excluded; imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

F_CS_A, F_CS_B

FREQUENCIES:

F_CSNC



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	151	151	93.21	93.21
Once a year	4	155	2.47	95.68
2–3 times a month	2	157	1.23	96.91
Once a week	1	158	0.62	97.53
More then once a week	4	162	2.47	100.00

NAME: GARDEN

LABEL: Features: Garden

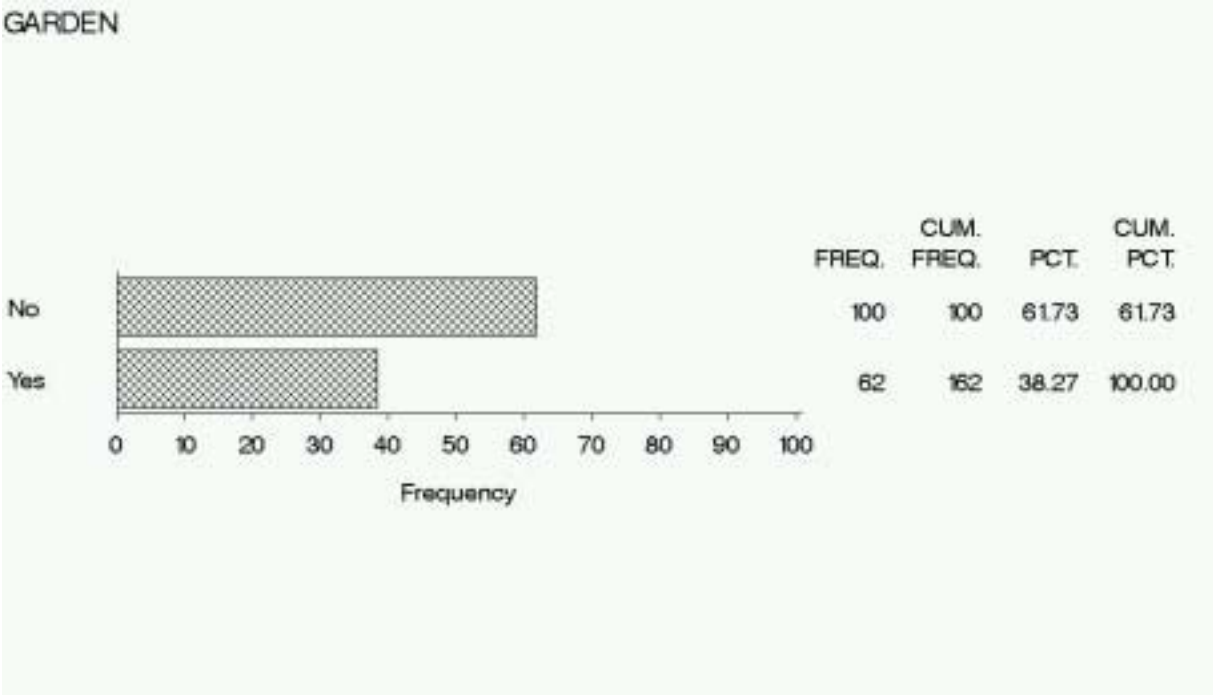
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: HH_INC

LABEL: Household: Income [tDM]

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Categories were given to respondents; imputation of missing values were executed in a further step according to Data Format Guide, Part A.

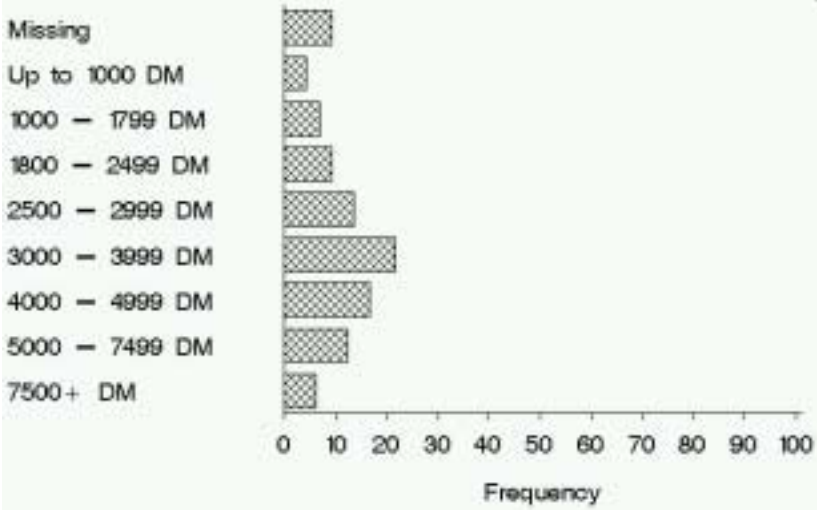
The Mobi*drive* participants were asked to report the household income in eight categories (less than 1000 DEM, 1000-1799 DEM, 1800-2499 DEM, 2500-2999 DEM, 3000-3999 DEM, 4000-4999 DEM, 5000-7499 DEM and more than 7500 DEM). The values given are estimated group means.

RELEVANT FORMAT STATEMENTS:

EINK_A, EINK_B

FREQUENCIES:

HH_INC



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	15	15	9.26	9.26
Up to 1000 DM	7	22	4.32	13.58
1000 – 1799 DM	11	33	6.79	20.37
1800 – 2499 DM	15	48	9.26	29.63
2500 – 2999 DM	22	70	13.58	43.21
3000 – 3999 DM	35	105	21.60	64.81
4000 – 4999 DM	27	132	16.67	81.48
5000 – 7499 DM	20	152	12.35	93.83
7500+ DM	10	162	6.17	100.00

NAME: HH_NR

LABEL: Household Number

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: HOMEX

LABEL: Household location (X-coor)

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Gauss-Krueger coordinate of trip destination (World Geodetic System 1984); Spatial resolution: building block side level

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: HOMEY

LABEL: Household location (Y-coor)

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Gauss-Krueger coordinate of trip destination (World Geodetic System 1984); Spatial resolution: building block side level

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: K_O_ACC

LABEL: Accommodation: Kind

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

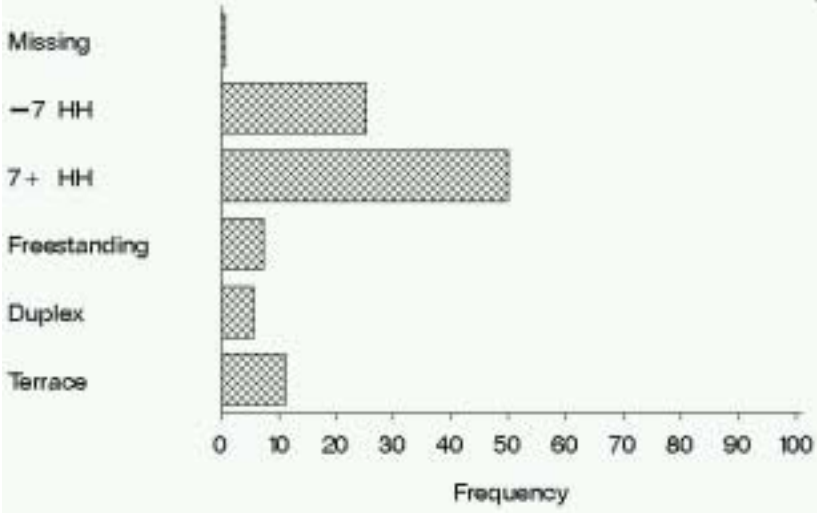
Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

K_ACC_A

FREQUENCIES:

K_O_ACC



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	1	1	0.62	0.62
−7 HH	41	42	25.31	25.93
7+ HH	81	123	50.00	75.93
Freestanding	12	135	7.41	83.33
Duplex	9	144	5.56	88.89
Terrace	18	162	11.11	100.00

NAME: K_O_G1

LABEL: 1st garage: Kind

TYPE: Numeric / Discrete

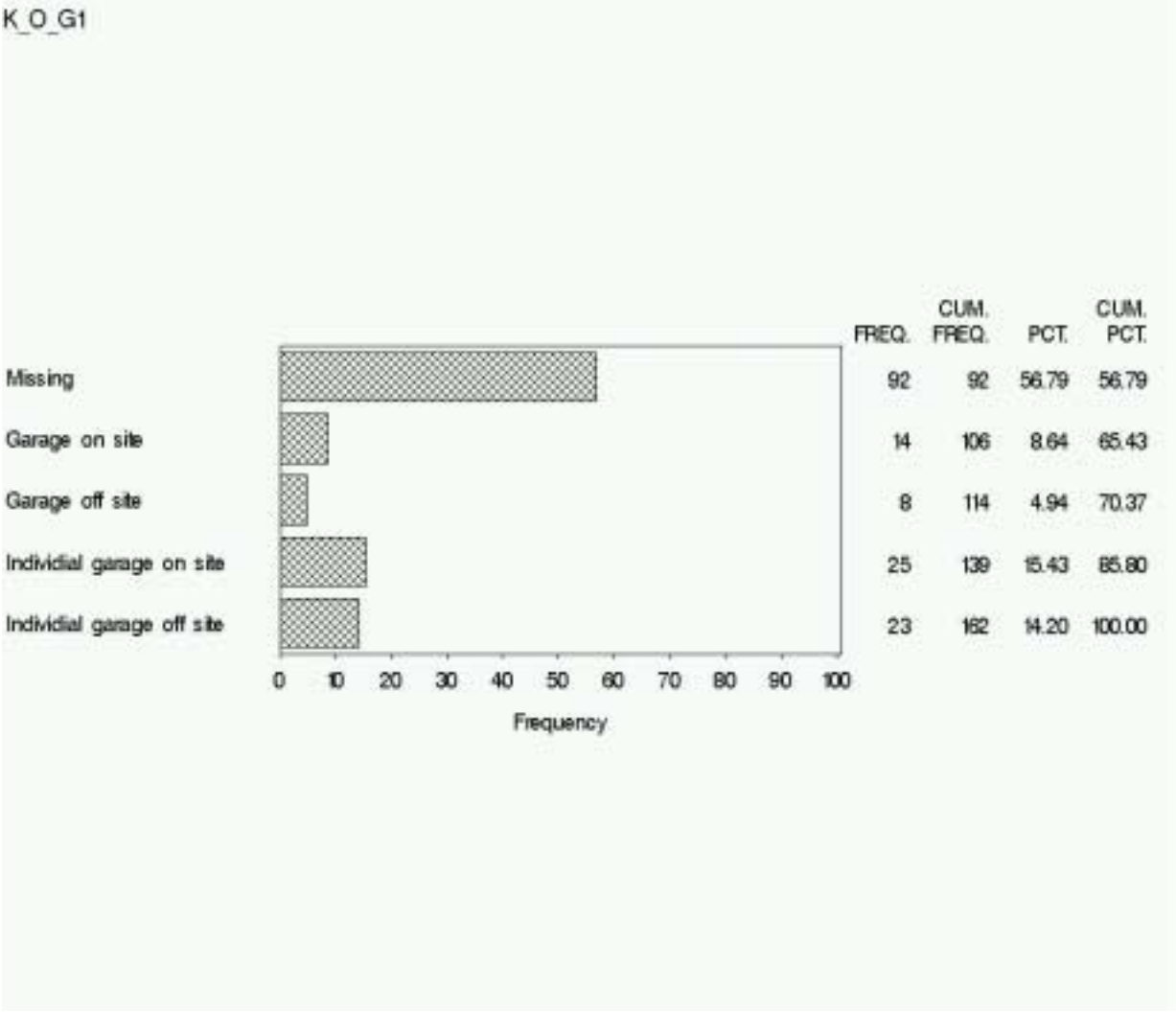
DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

K_O_G_A

FREQUENCIES:



NAME: K_O_G2

LABEL: 2nd garage: Kind

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

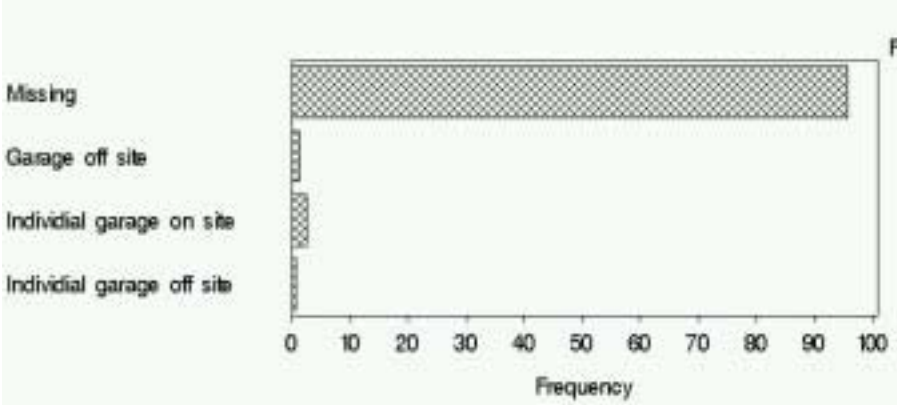
Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

K_O_G_A

FREQUENCIES:

K_O_G2



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	155	155	95.68	95.68
Garage off site	2	157	1.23	96.91
Individial garage on site	4	161	2.47	99.38
Individial garage off site	1	162	0.62	100.00

NAME: K_O_OS1

LABEL: 1st off-street space: Kind

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

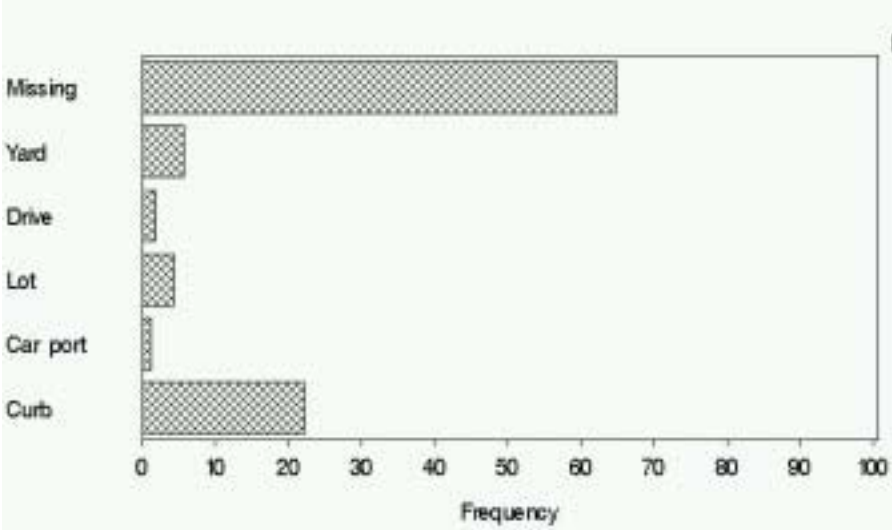
Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

K_O_OS_A

FREQUENCIES:

K_O_OS1



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	105	105	64.81	64.81
Yard	9	114	5.56	70.37
Drive	3	117	1.85	72.22
Lot	7	124	4.32	76.54
Car port	2	126	1.23	77.78
Curb	36	162	22.22	100.00

NAME: K_O_OS2

LABEL: 2nd off-street space: Kind

TYPE: Numeric / Discrete

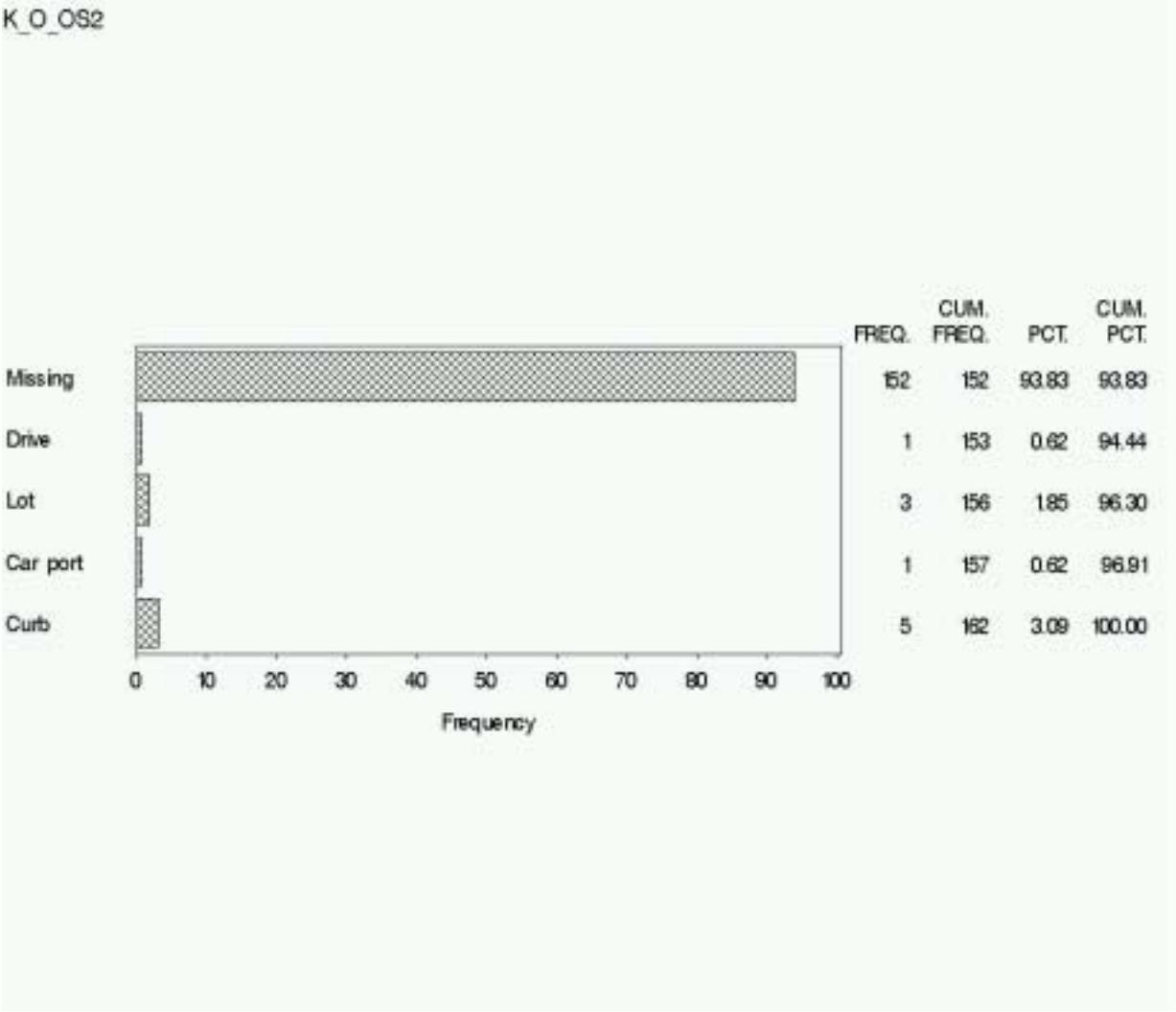
DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

K_O_OS_A

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	152	152	93.83	93.83
Drive	1	153	0.62	94.44
Lot	3	156	1.85	96.30
Car port	1	157	0.62	96.91
Curb	5	162	3.09	100.00

NAME: K_O_OS3

LABEL: 3rd off-street space: Kind

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

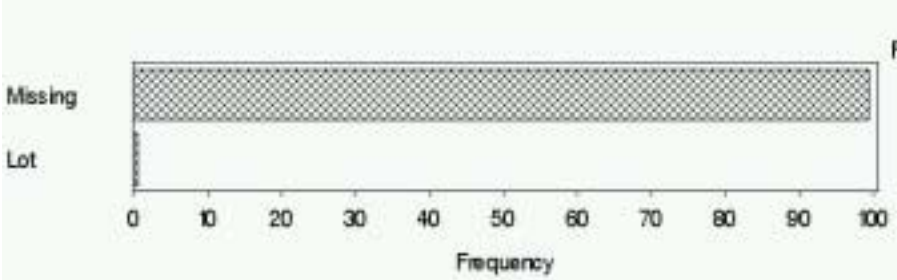
Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

K_O_OS_A

FREQUENCIES:

K_O_OS3



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	161	161	99.38	99.38
Lot	1	162	0.62	100.00

NAME: K_RENTED

LABEL: Rented: Kind

TYPE: Numeric / Discrete

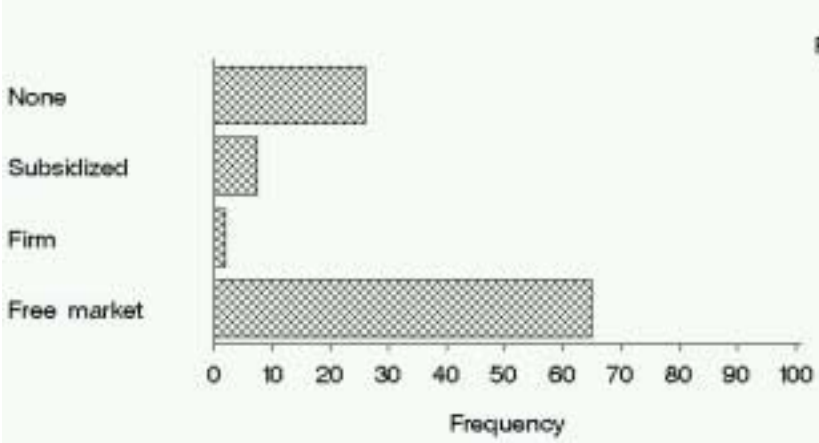
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

K_RENT_A

FREQUENCIES:

K_RENTED



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	42	42	25.93	25.93
Subsidized	12	54	7.41	33.33
Firm	3	57	1.85	35.19
Free market	105	162	64.81	100.00

NAME: LOC_HH

LABEL: Location of HH (zone)

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

See also LOC_HH_H and LOC_HH_K

RELEVANT FORMAT STATEMENTS:

HALLE_A, HALLE_B, HALLE_E, KARLSU_A, KARLSU_B, KARLSU_C

FREQUENCIES:

See LOC_HH_H and LOC_HH_K

NAME: LOC_HH_H

LABEL: Location of HH (zone) Halle

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Halle households only, Karlsruhe ➔ Missing

RELEVANT FORMAT STATEMENTS:

HALLE_A, HALLE_B, HALLE_E

FREQUENCIES:

Household location (zone) Halle

LOC_HH_H	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Altstadt	2	2.94	2	2.94
Suedliche Innenstadt	2	2.94	4	5.88
Noerdliche Innenstadt	4	5.88	8	11.76
Paulusviertel	4	5.88	12	17.65
Landrain	2	2.94	14	20.59
Gottfried-Keller-Siedlung	1	1.47	15	22.06
Giebichstein	2	2.94	17	25.00
Freiimfelde/Kanenaer Weg	2	2.94	19	27.94
Diemitz	1	1.47	20	29.41
Reideburg	1	1.47	21	30.88
Büschdorf	1	1.47	22	32.35
Gesundbrunnen	6	8.82	28	41.18
Südstadt	3	4.41	31	45.59
Damaschkestrasse	3	4.41	34	50.00
Ortslage Ammendorf/Beesen	1	1.47	35	51.47
Radewell/Osendorf	1	1.47	36	52.94
Böllberg/Wörmlitz	1	1.47	37	54.41
Silberhöhe	7	10.29	44	64.71
Nördliche Neustadt	6	8.82	50	73.53
Südliche Neustadt	5	7.35	55	80.88
Westliche Neustadt	5	7.35	60	88.24
Heide-Nordt/ Blumenau	4	5.88	64	94.12
Nietleben	1	1.47	65	95.59
Dölau	2	2.94	67	98.53
ausserhalb Halle	1	1.47	68	100.00

Frequency Missing = 94

NAME: LOC_HH_K

LABEL: Location of HH (zone) Karlsruhe

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Karlsruhe households only, Halle ➔ Missing

RELEVANT FORMAT STATEMENTS:

KARLSU_A, KARLSU_B, KARLSU_C

FREQUENCIES:

Household location (zone) Karlsruhe

LOC_HH_K	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Innenstadt-Ost	2	2.13	2	2.13
Innenstadt-West	1	1.06	3	3.19
Suedstadt	2	2.13	5	5.32
Suedweststadt	10	10.64	15	15.96
Weststadt	5	5.32	20	21.28
Nordweststadt	3	3.19	23	24.47
Oststadt	10	10.64	33	35.11
Muehlburg	3	3.19	36	38.30
Daxlanden	7	7.45	43	45.74
Kniebingen	2	2.13	45	47.87
Gruenwinkel	3	3.19	48	51.06
Oberreut	2	2.13	50	53.19
Beiertheim-Bulach	1	1.06	51	54.26
Weiherfeld-Dauerstock	4	4.26	55	58.51
Rüppurr	5	5.32	60	63.83
Waldstadt	6	6.38	66	70.21
Rintheim	1	1.06	67	71.28
Hagsfeld	3	3.19	70	74.47
Durlach	9	9.57	79	84.04
Groetzingen	4	4.26	83	88.30
Stupferich	1	1.06	84	89.36
Hohenwettersbach	1	1.06	85	90.43
Gruenwettersbach	1	1.06	86	91.49
Palmbach	1	1.06	87	92.55
Neureuth	5	5.32	92	97.87
Nordstadt	1	1.06	93	98.94
Baden-Wuertemberg	1	1.06	94	100.00

Frequency Missing = 68

NAME: LOC_HH_X

LABEL: Location of household (relative)

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

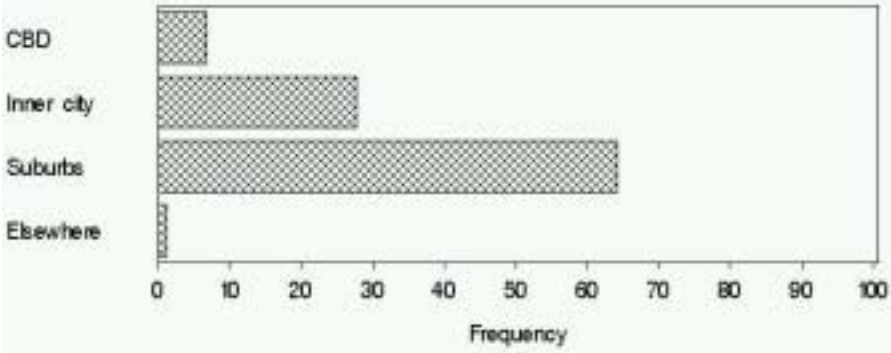
Originally loc_hh, recoded to compare cities

RELEVANT FORMAT STATEMENTS:

LOC_A

FREQUENCIES:

LOC_HH_X



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
CBD	11	11	6.79	6.79
Inner city	45	56	27.78	34.57
Suburbs	104	160	64.20	98.77
Elsewhere	2	162	1.23	100.00

NAME: N_O_BEM

LABEL: Number of email business

TYPE: Numeric / Discrete

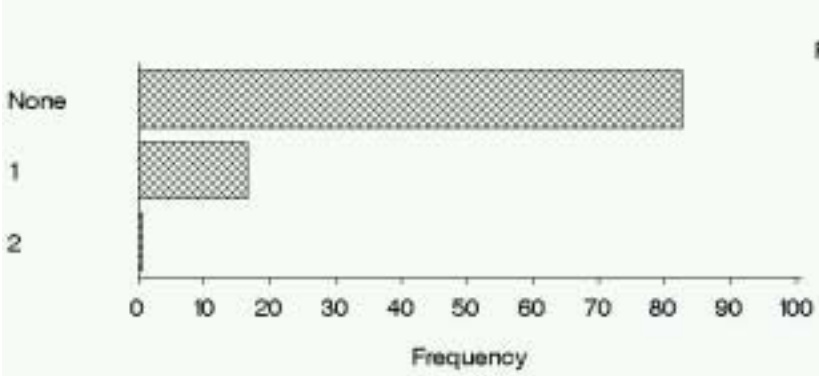
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_BEM



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	134	134	82.72	82.72
1	27	161	16.67	99.38
2	1	162	0.62	100.00

NAME: N_O_CC

LABEL: Number of all motorcycles

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

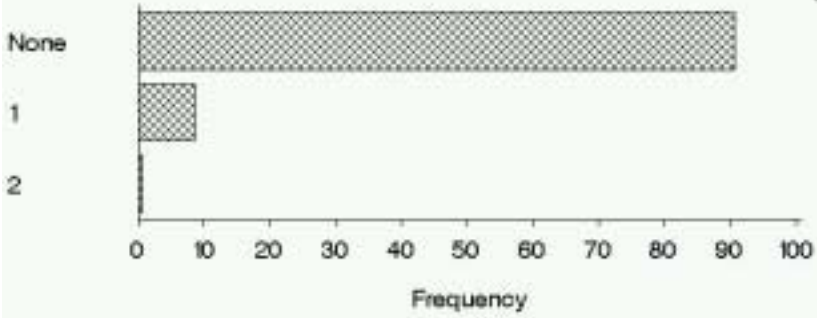
N_O_MCY + N_O_MP + N_O_MC

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_CC



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	147	147	90.74	90.74
1	14	161	8.64	99.38
2	1	162	0.62	100.00

NAME: N_O_CON

LABEL: Number of connections

TYPE: Numeric / Discrete

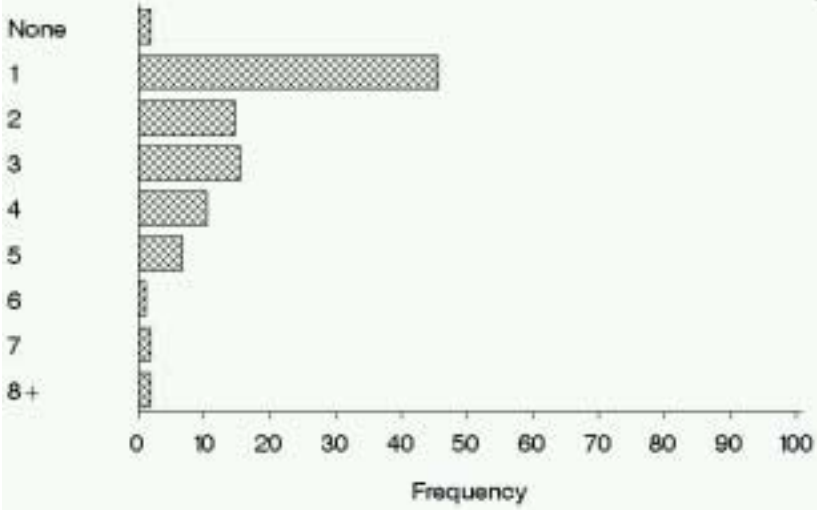
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_CON



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	3	3	1.85	1.85
1	74	77	45.68	47.53
2	24	101	14.81	62.35
3	25	126	15.43	77.78
4	17	143	10.49	88.27
5	11	154	6.79	95.06
6	2	156	1.23	96.30
7	3	159	1.85	98.15
8+	3	162	1.85	100.00

NAME: N_O_CYC

LABEL: Number of bicycles

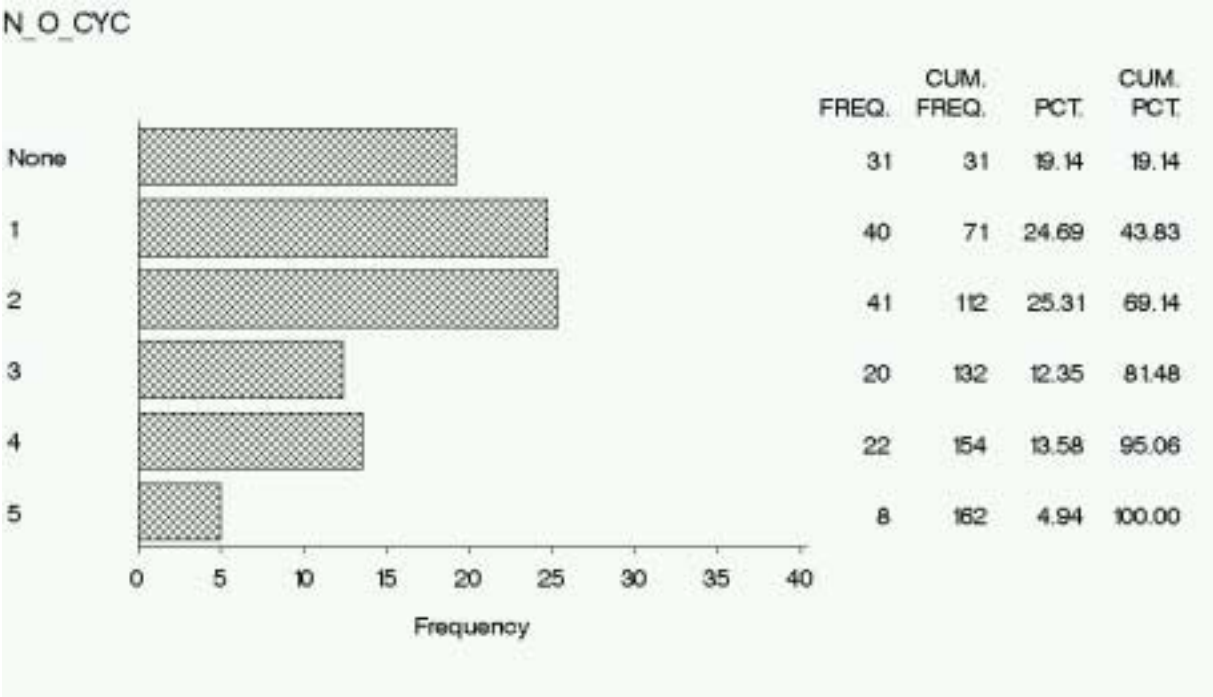
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	31	31	19.14	19.14
1	40	71	24.69	43.83
2	41	112	25.31	69.14
3	20	132	12.35	81.48
4	22	154	13.58	95.06
5	8	162	4.94	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_CYC	162	0	1.91	1.46	0.00	5.00	1.00	2.00	3.00

NAME: N_O_D

LABEL: Number of dogs

TYPE: Numeric / Discrete

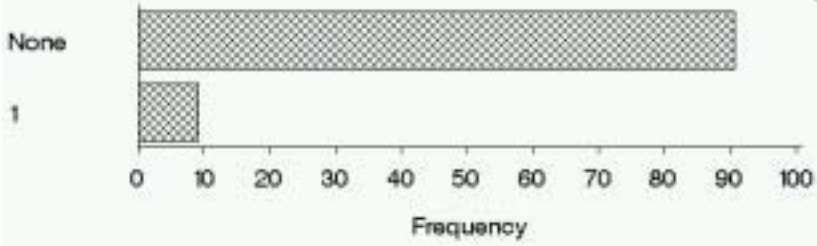
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_D



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	147	147	90.74	90.74
1	15	162	9.26	100.00

NAME: N_O_EM

LABEL: Number of external HH members

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

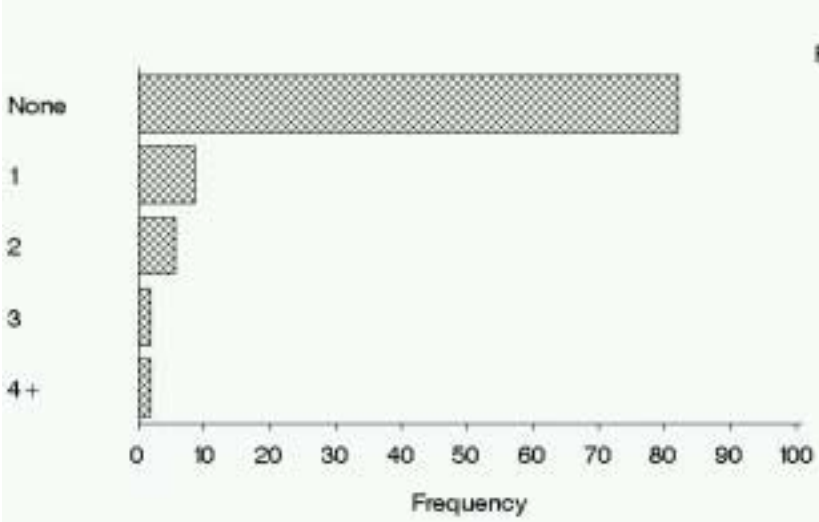
HH member which do not live in the household permanently (e.g. children studying in another city)

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_EM



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	133	133	82.10	82.10
1	14	147	8.64	90.74
2	9	156	5.56	96.30
3	3	159	1.85	98.15
4+	3	162	1.85	100.00

NAME: N_O_FAX

LABEL: Number of faxes

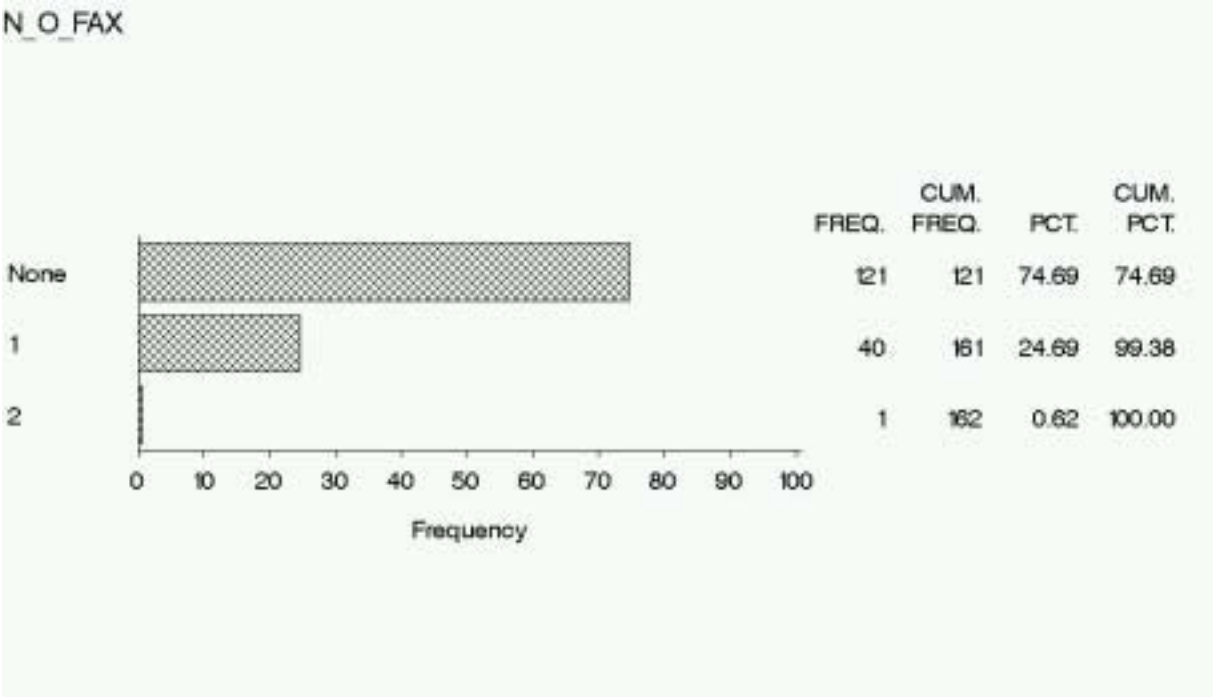
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:



SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_FAX	162	0	0.26	0.45	0.00	2.00	0.00	0.00	0.00

NAME: N_O_G

LABEL: Number of garages

TYPE: Numeric / Discrete

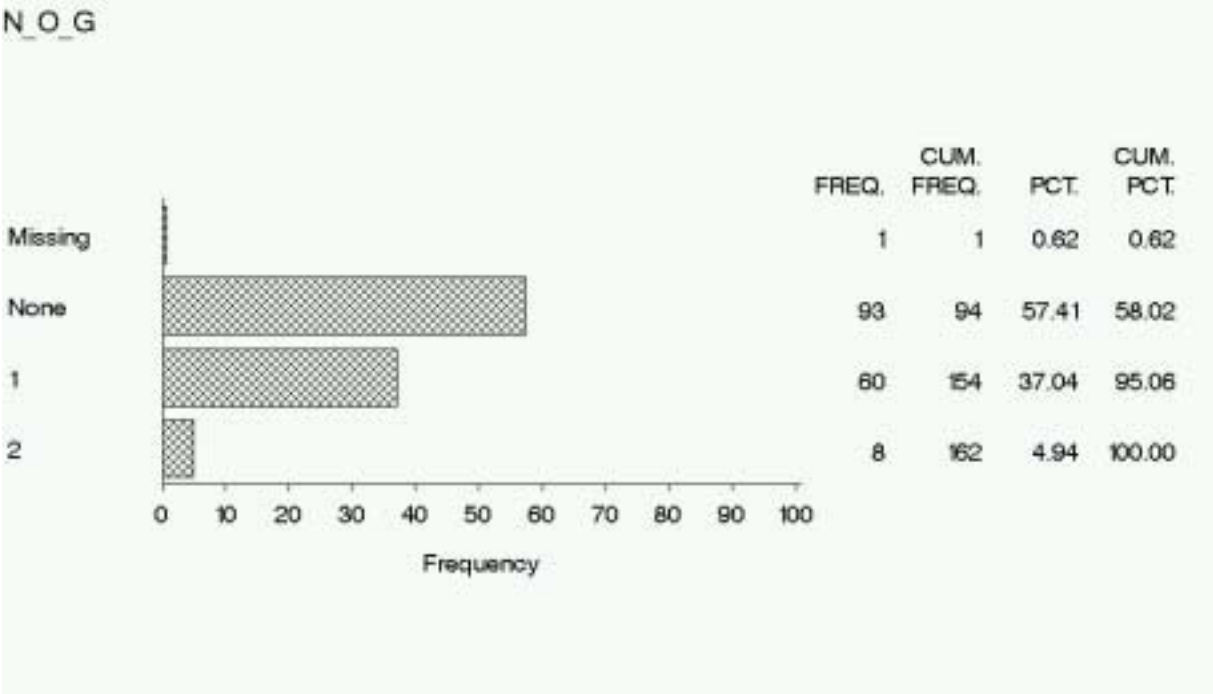
DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	1	1	0.62	0.62
None	93	94	57.41	58.02
1	60	154	37.04	95.06
2	8	162	4.94	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_G	161	1	0.47	0.59	0.00	2.00	0.00	0.00	1.00

NAME: N_O_HHM

LABEL: Number of household members

TYPE: Numeric / Discrete

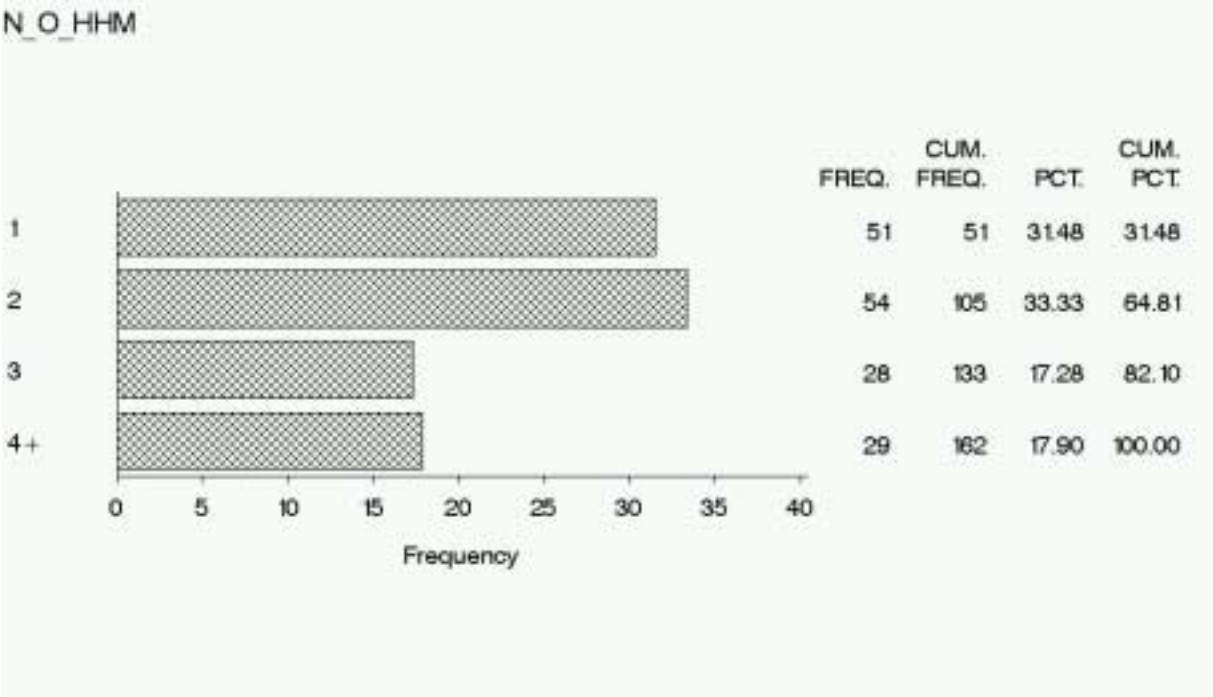
DESCRIPTION / COMMENT:

Permanently living in household

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:



SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_HHM	162	0	2.26	1.17	1.00	5.00	1.00	2.00	2.00

NAME: N_O_LIHH

LABEL: Number of licensed persons/household

TYPE: Numeric

DESCRIPTION / COMMENT:

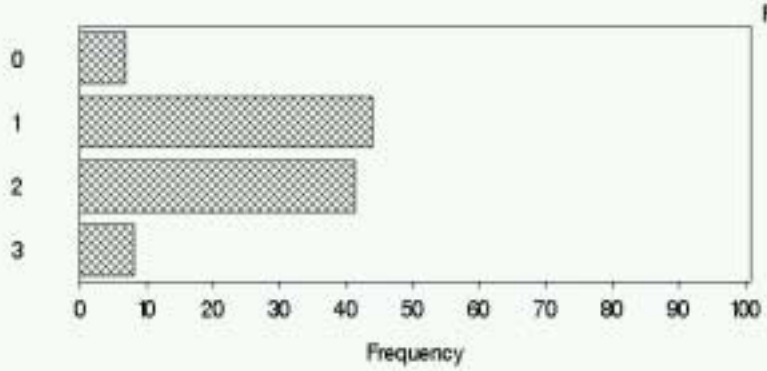
Calculated on base of person file

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_LIHH



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
0	11	11	6.79	6.79
1	71	82	43.83	50.62
2	67	149	41.36	91.98
3	13	162	8.02	100.00

NAME: N_O_MC

LABEL: Number of motorcycles

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

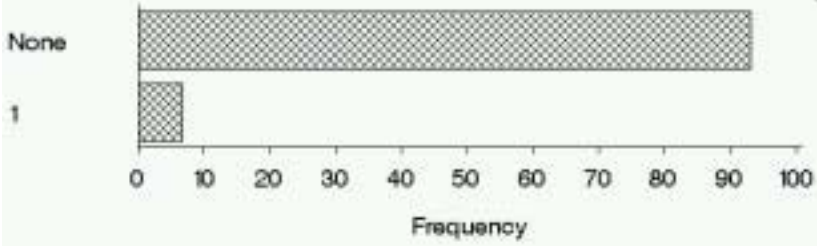
Appr. > 50 ccm

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_MC



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	151	151	93.21	93.21
1	11	162	6.79	100.00

NAME: N_O_MCY

LABEL: Number of mot. cycles

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

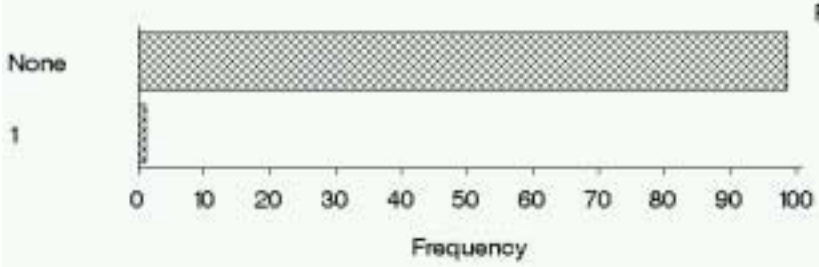
Appr. 25 ccm

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_MCY



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	160	160	98.77	98.77
1	2	162	1.23	100.00

NAME: N_O_MOB

LABEL: Number of mobiles

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

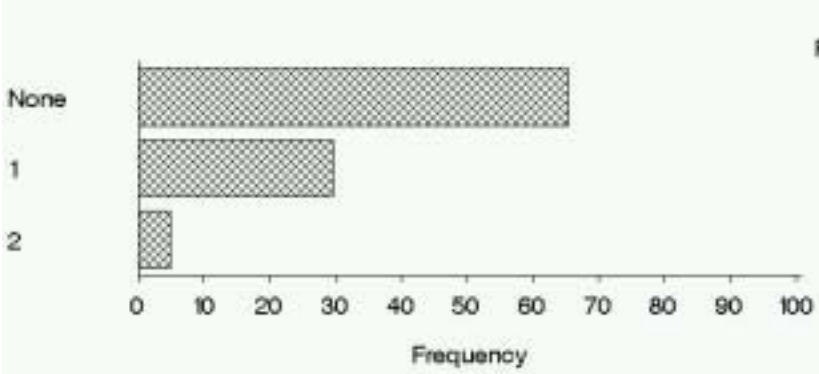
Mobile phones

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_MOB



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	106	106	65.43	65.43
1	48	154	29.63	95.06
2	8	162	4.94	100.00

NAME: N_O_MP

LABEL: Number of mopeds

TYPE: Numeric / Discrete

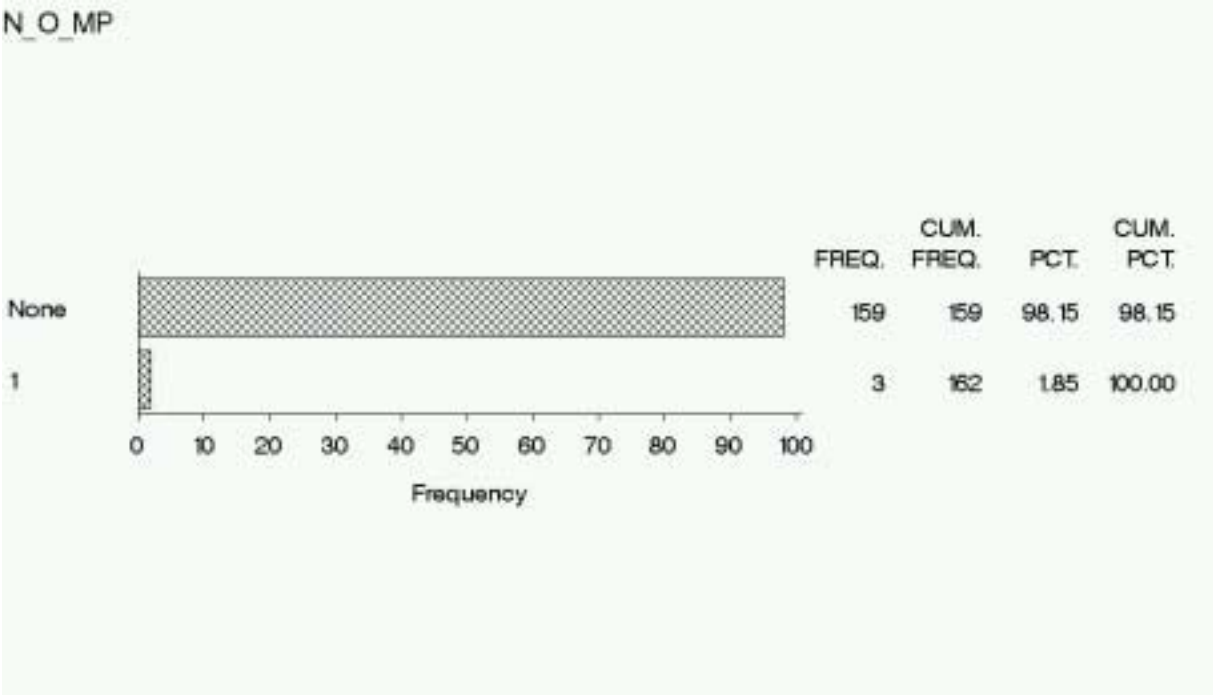
DESCRIPTION / COMMENT:

Appr. 50 ccm

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:



SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_MP	162	0	0.02	0.14	0.00	1.00	0.00	0.00	0.00

NAME: N_O_MV

LABEL: Number of mot. vehicles

TYPE: Numeric / Discrete

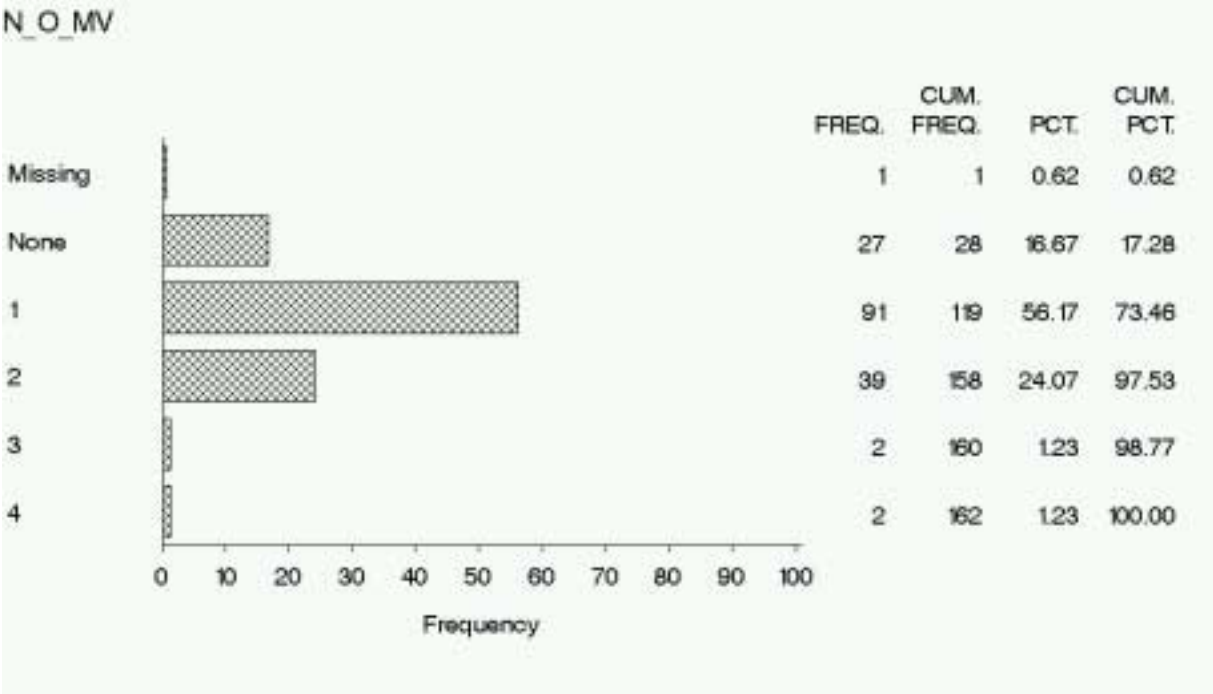
DESCRIPTION / COMMENT:

N_O_PV + N_O_MCY + N_O_MP + N_O_MC + N_O_TR; imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	1	1	0.62	0.62
None	27	28	16.67	17.28
1	91	119	56.17	73.46
2	39	158	24.07	97.53
3	2	160	1.23	98.77
4	2	162	1.23	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_MV	161	1	1.14	0.75	0.00	4.00	1.00	1.00	2.00

NAME: N_O_OS

LABEL: Number of off street spaces

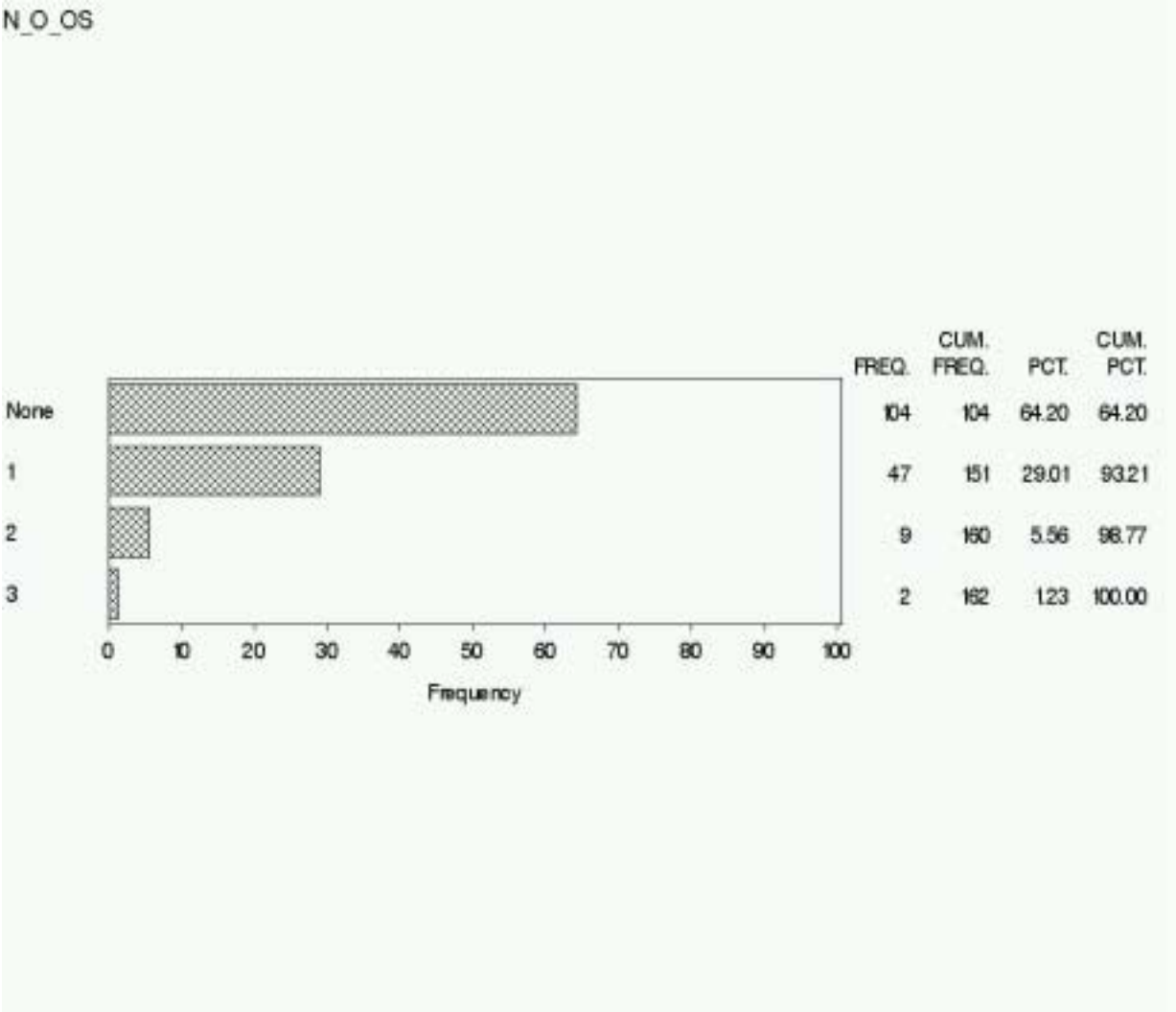
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	104	104	64.20	64.20
1	47	151	29.01	93.21
2	9	160	5.56	98.77
3	2	162	1.23	100.00

SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
162	0	0.4382716	0.6588279	0	3.0000000	0	0	1.0000000

NAME: N_O_PEM

LABEL: Number of emails private

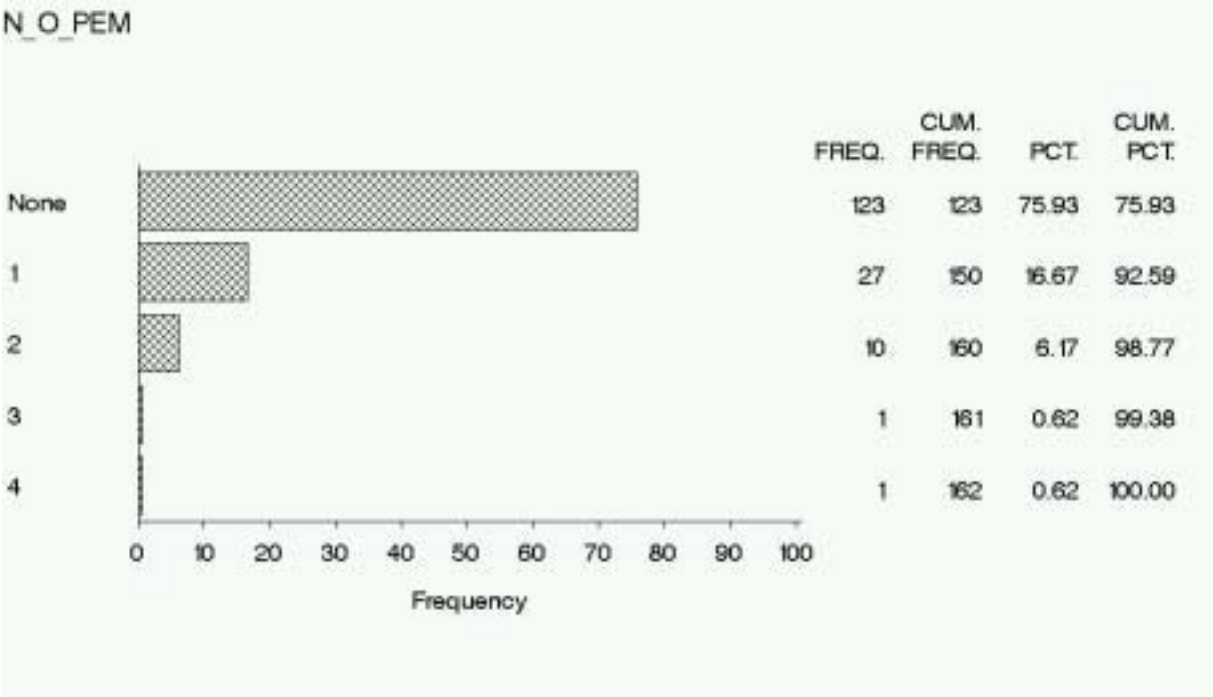
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:



SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_PEM	162	0	0.33	0.68	0.00	4.00	0.00	0.00	0.00

NAME: N_O_PH

LABEL: Number of phones

TYPE: Numeric / Discrete

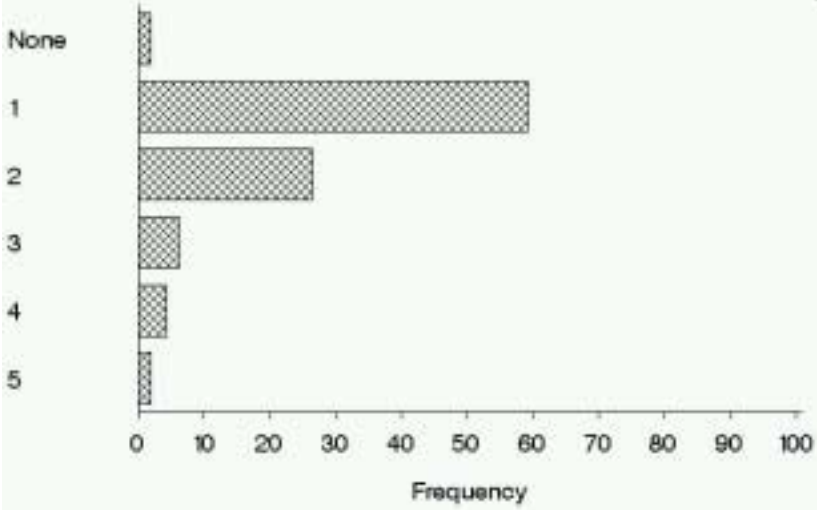
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_PH



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	3	3	1.85	1.85
1	96	99	59.26	61.11
2	43	142	26.54	87.65
3	10	152	6.17	93.83
4	7	159	4.32	98.15
5	3	162	1.85	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_PH	162	0	1.57	0.94	0.00	5.00	1.00	1.00	2.00

NAME: N_O_PP

LABEL: Number of private spaces

TYPE: Numeric / Discrete

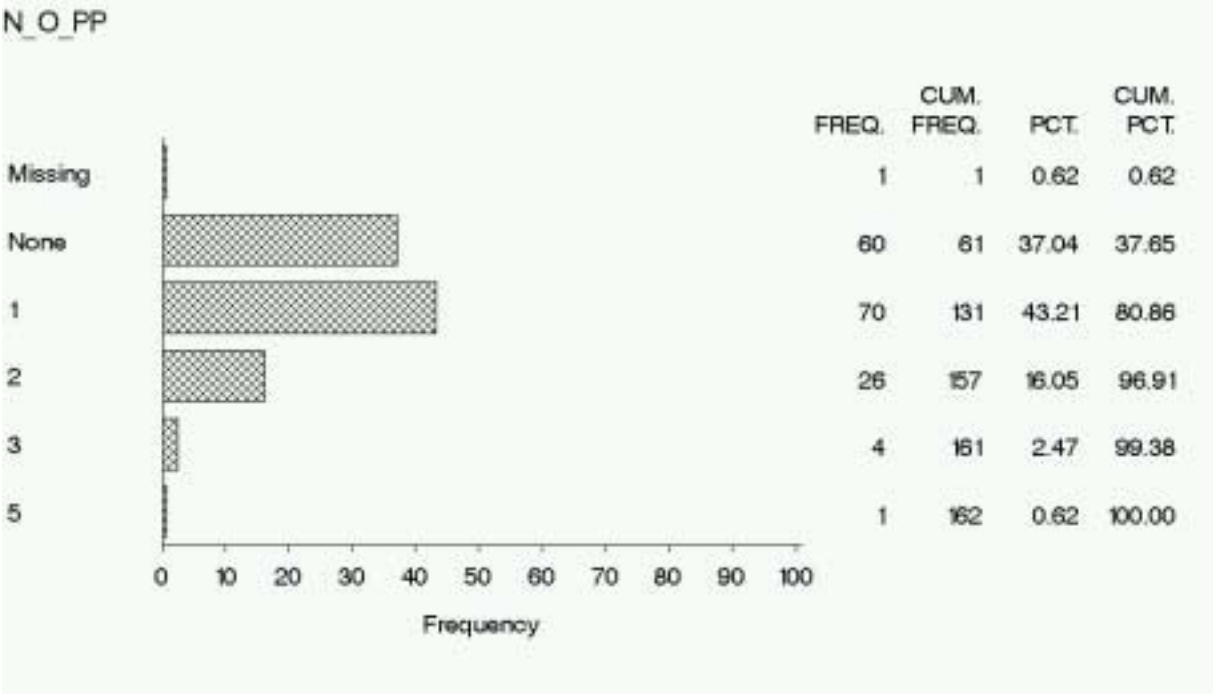
DESCRIPTION / COMMENT:

Inputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:



SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_PP	161	1	0.86	0.85	0.00	5.00	0.00	1.00	1.00

NAME: N_O_PV

LABEL: Number of personal vehicles

TYPE: Numeric / Discrete

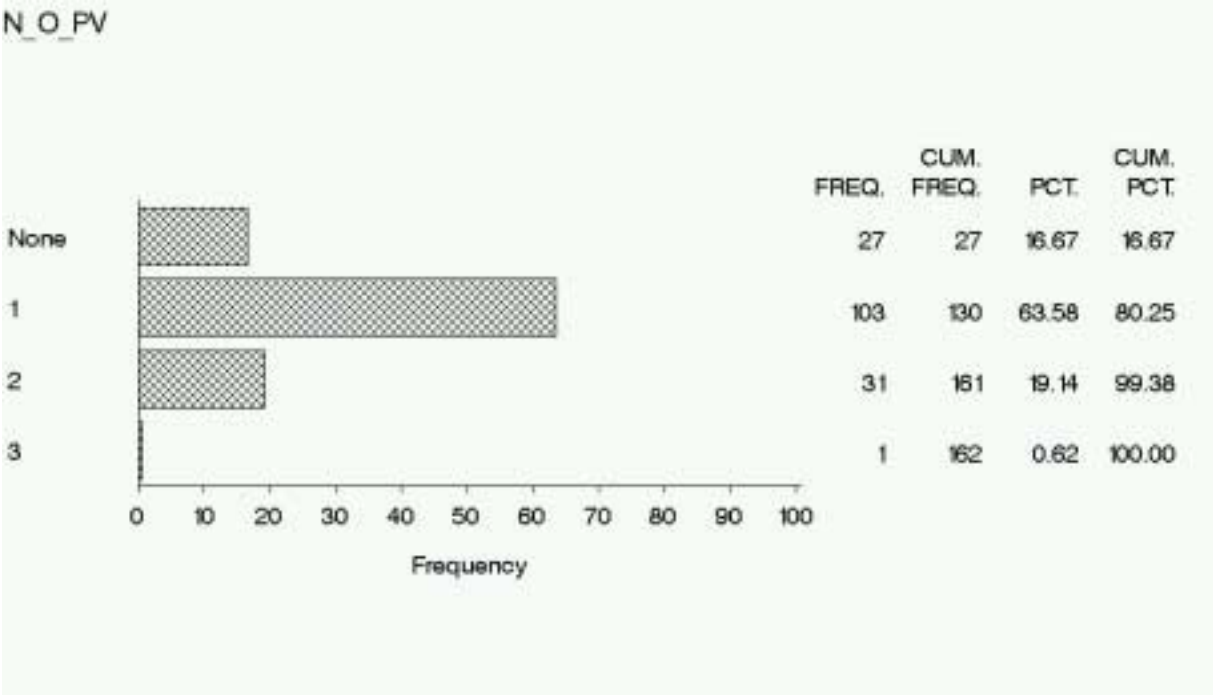
DESCRIPTION / COMMENT:

Cars only

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:



SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_PV	162	0	1.04	0.62	0.00	3.00	1.00	1.00	1.00

NAME: N_O_STHH

LABEL: Number of season tickets/household

TYPE: Numeric

DESCRIPTION / COMMENT:

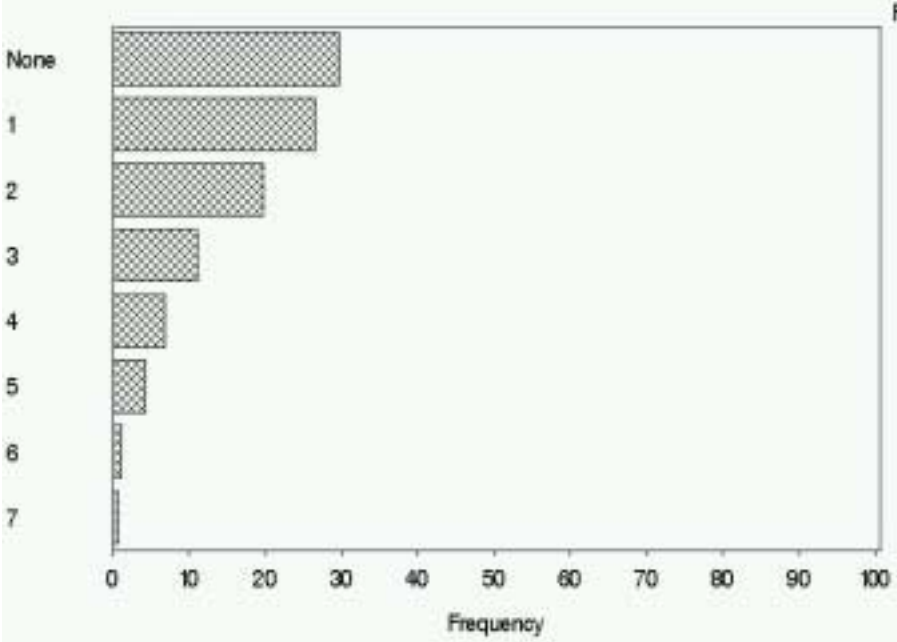
Calculated on base of person file

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_STHH



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	48	48	29.63	29.63
1	43	91	26.54	56.17
2	32	123	19.75	75.93
3	18	141	11.11	87.04
4	11	152	6.79	93.83
5	7	159	4.32	98.15
6	2	161	1.23	99.38
7	1	162	0.62	100.00

SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
162	0	1.5987654	1.5582275	0	7.0000000	0	1.0000000	2.0000000

NAME: N_O_TEL

LABEL: Number of telephones

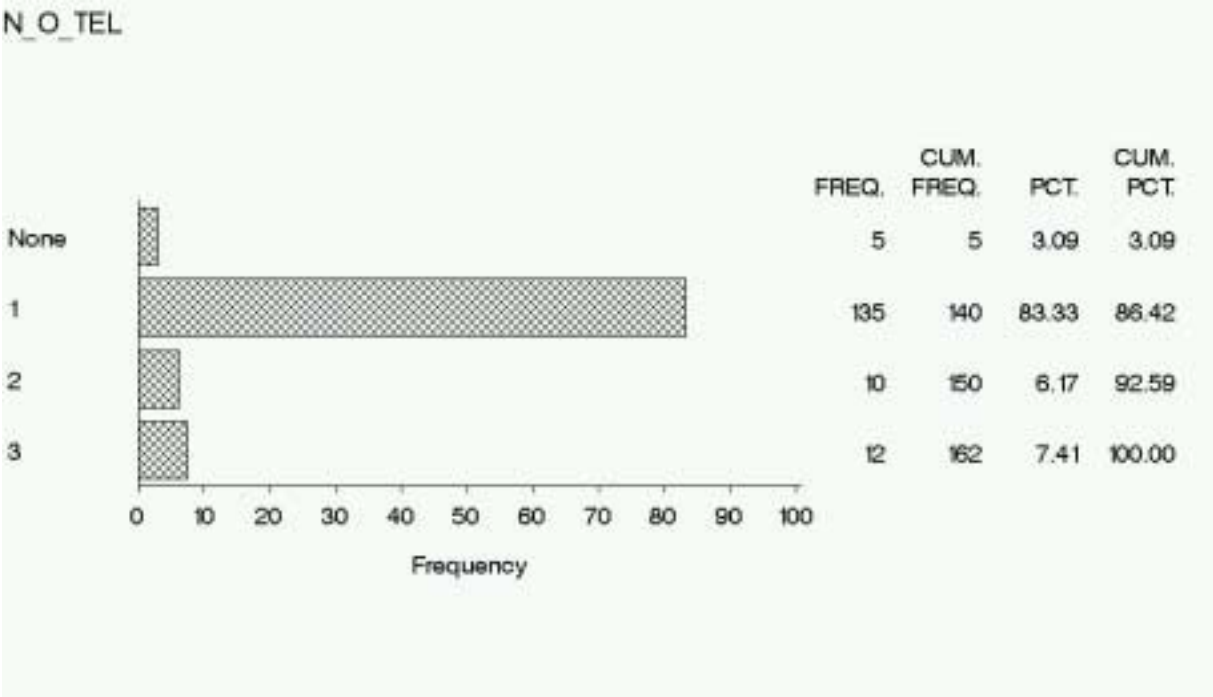
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:



SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_TEL	162	0	1.18	0.60	0.00	3.00	1.00	1.00	1.00

NAME: N_O_TR

LABEL: Number of trucks

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

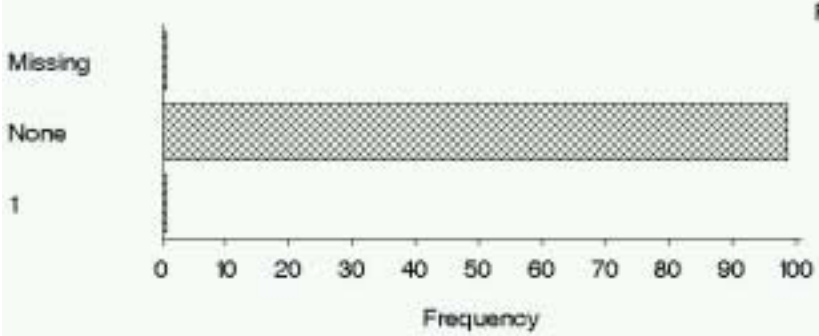
Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_TR



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	1	1	0.62	0.62
None	160	161	98.77	99.38
1	1	162	0.62	100.00

NAME: N_O_V

LABEL: Number of vehicles

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

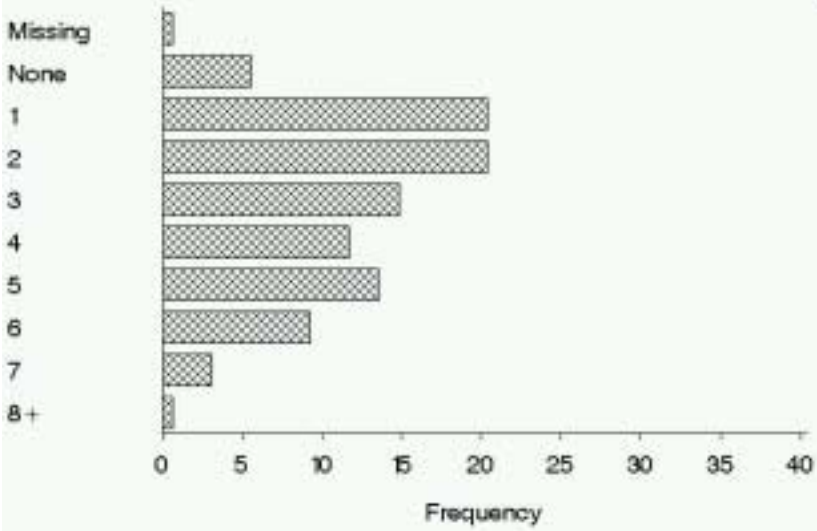
Motorised and non-motorised vehicles: N_O_PV + N_O_CYC + N_O_MCY + N_O_MP + N_O_MC + N_O_TR; imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_V



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	1	1	0.62	0.62
None	9	10	5.56	6.17
1	33	43	20.37	26.54
2	33	76	20.37	46.91
3	24	100	14.81	61.73
4	19	119	11.73	73.46
5	22	141	13.58	87.04
6	15	156	9.26	96.30
7	5	161	3.09	99.38
8+	1	162	0.62	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_V	161	1	3.04	1.92	0.00	8.00	1.00	3.00	5.00

NAME: N_O_VEH

LABEL: Number of vehicles

TYPE: Numeric / Discrete

DESCRIPTION / COMMENTS:

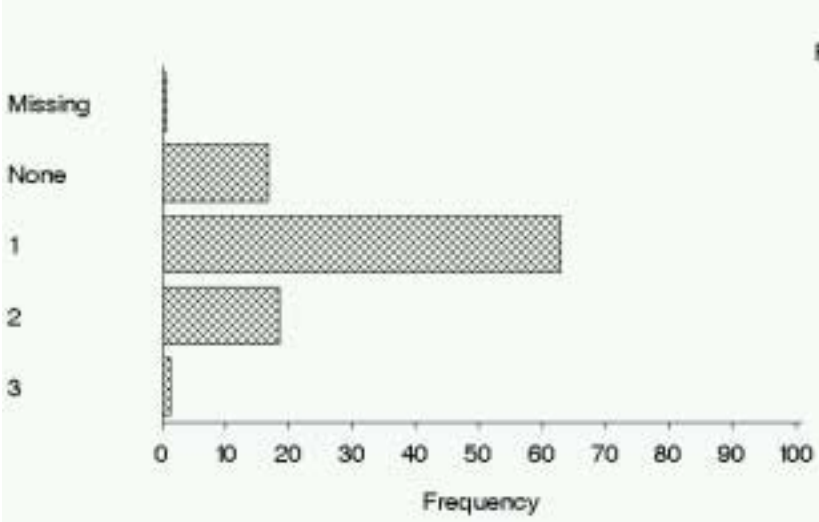
Cars and trucks only: N_O_PV + N_O_TR; imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:

N_O_VEH



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	1	1	0.62	0.62
None	27	28	16.67	17.28
1	102	130	62.96	80.25
2	30	160	18.52	98.77
3	2	162	1.23	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_VEH	161	1	1.04	0.64	0.00	3.00	1.00	1.00	1.00

NAME: N_O_WPHH

LABEL: Number of working persons/household

TYPE: Numeric

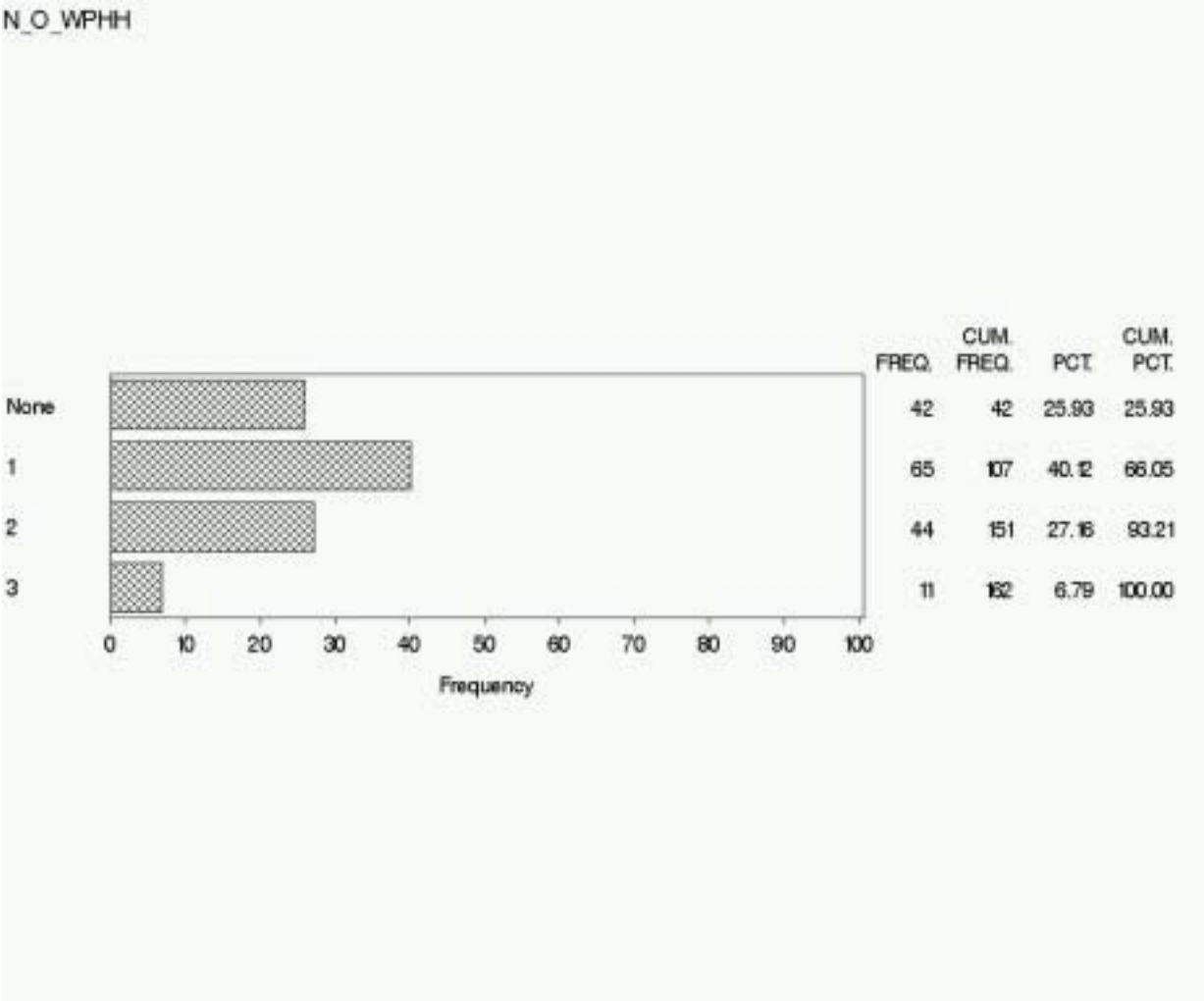
DESCRIPTION / COMMENT:

Calculated on base of person file

RELEVANT FORMAT STATEMENTS:

NUMBER_A, NUMBER_B, NUMBER_C, NUMBER_D, NUMBER_E, NUMBER_E_D, NUMBER_F

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
162	0	1.1481481	0.8862106	0	3.0000000	0	1.0000000	2.0000000

NAME: RENTED

LABEL: Rented

TYPE: Numeric / Discrete

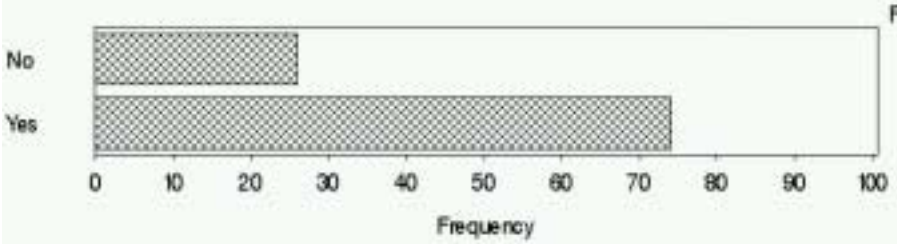
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

RENTED



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	42	42	25.93	25.93
Yes	120	162	74.07	100.00

NAME: STUDYCOD

LABEL: Study code

TYPE: Numeric

DESCRIPTION / COMMENT:

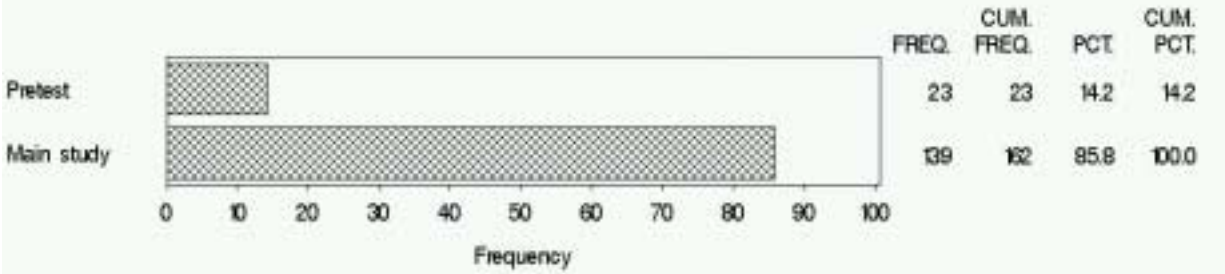
Index variable

RELEVANT FORMAT STATEMENTS:

STUDYCOD

FREQUENCIES:

STUDYCOD



NAME: S_O_ACC

LABEL: Accommodation: Size

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

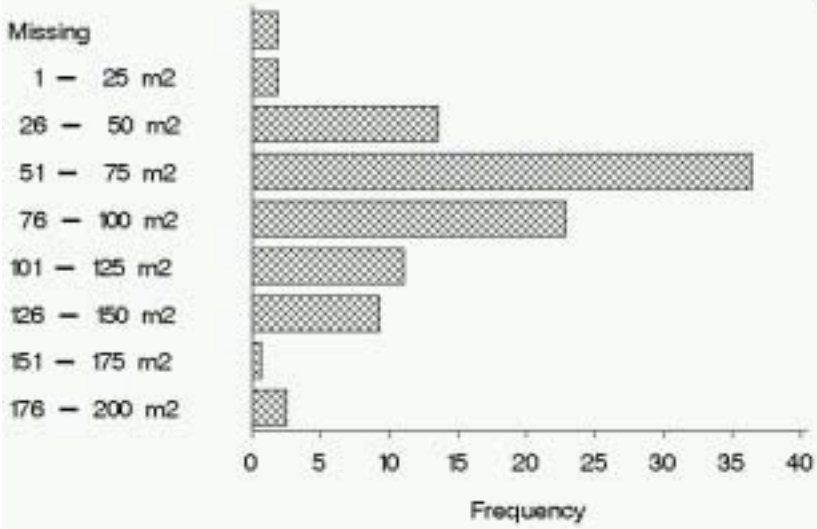
Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

SIZE_A, SIZE_B

FREQUENCIES:

S_O_ACC



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	3	3	1.85	1.85
1 – 25 m2	3	6	1.85	3.70
26 – 50 m2	22	28	13.58	17.28
51 – 75 m2	59	87	36.42	53.70
76 – 100 m2	37	124	22.84	76.54
101 – 125 m2	18	142	11.11	87.65
126 – 150 m2	15	157	9.26	96.91
151 – 175 m2	1	158	0.62	97.53
176 – 200 m2	4	162	2.47	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
S_O_ACC	159	3	82.58	36.05	15.00	200.00	59.00	72.00	100.00

NAME: S_O_GAR

LABEL: Size of garden

TYPE: Numeric / Continuous

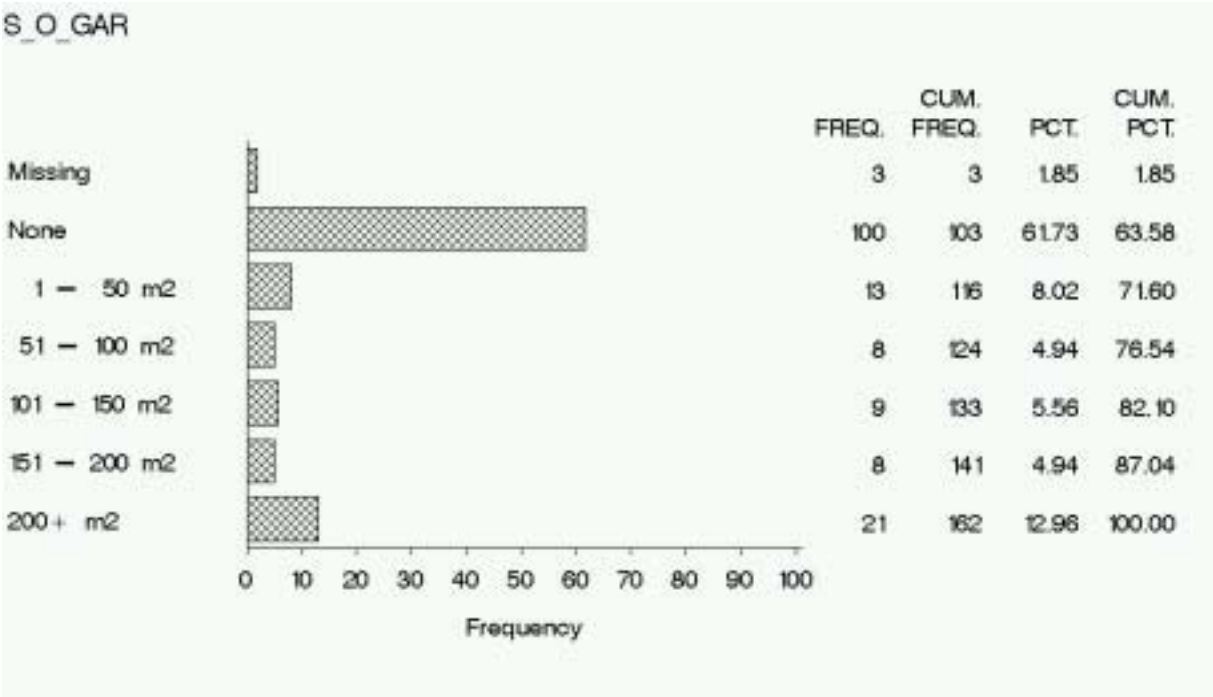
DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A; in square meters

RELEVANT FORMAT STATEMENTS:

SIZE_A, SIZE_B

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	3	3	1.85	1.85
None	100	103	61.73	63.58
1 — 50 m2	13	116	8.02	71.60
51 — 100 m2	8	124	4.94	76.54
101 — 150 m2	9	133	5.56	82.10
151 — 200 m2	8	141	4.94	87.04
200+ m2	21	162	12.96	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
S_O_GAR	159	3	310.1695	379.9927	3.00	1600.00	90.00	150.00	320.00

NAME: TERR

LABEL: Features: Terrace

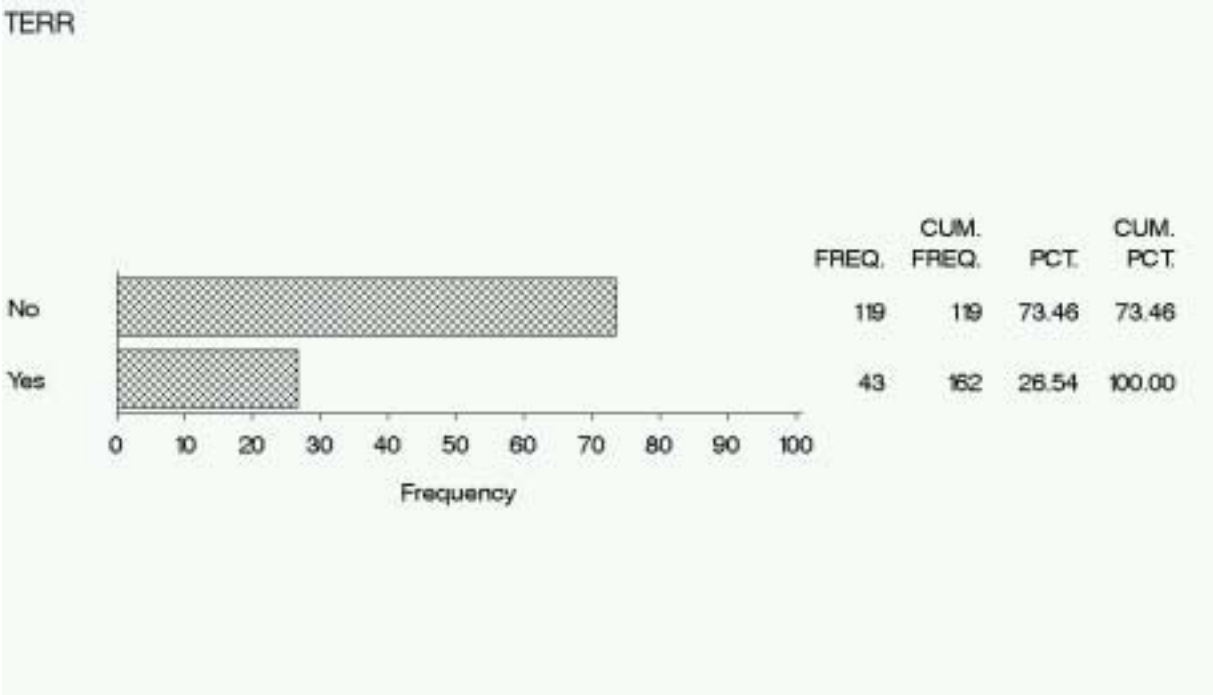
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: U_D_BS

LABEL: Bus stop: Unit

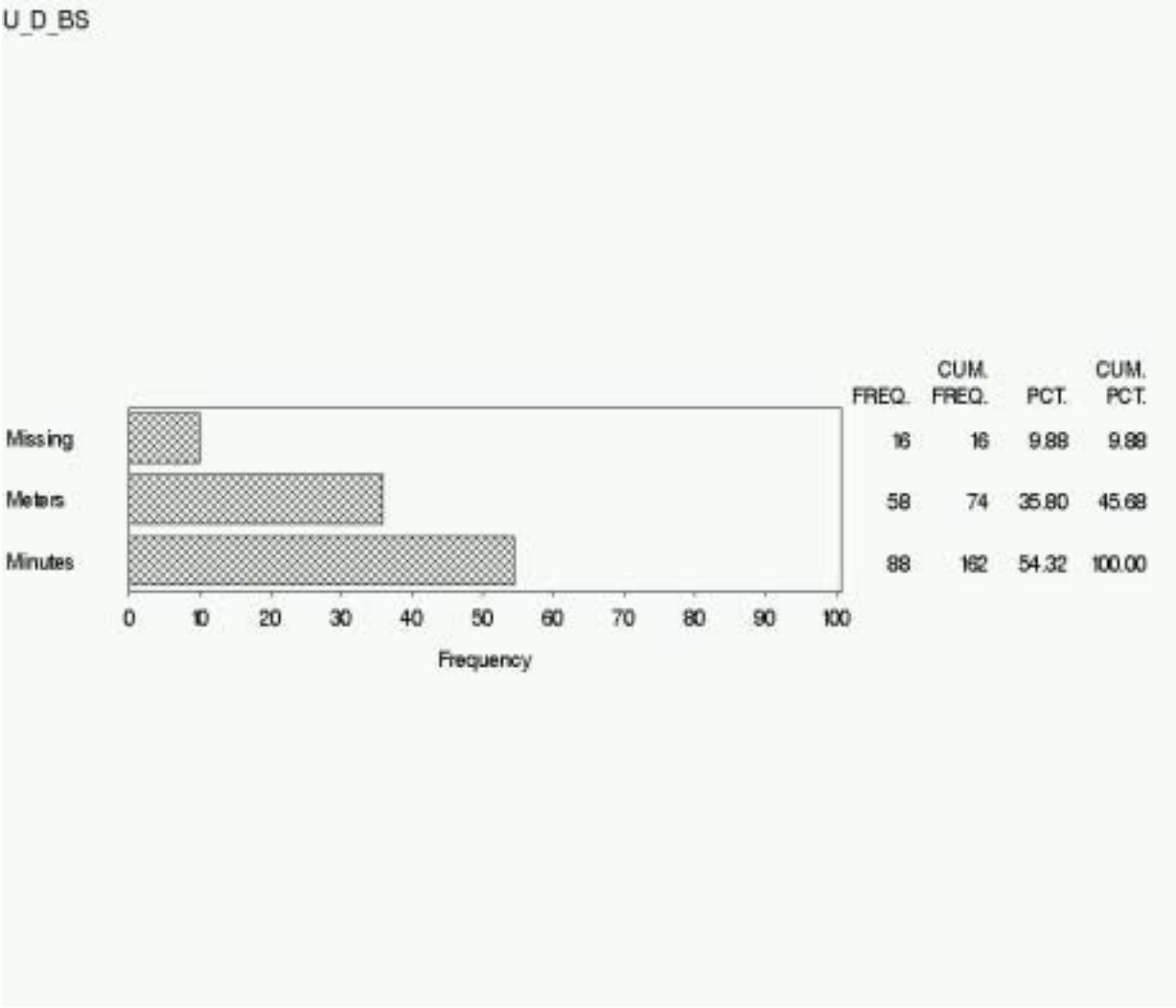
TYPE: Numeric

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

MMINUNIT

FREQUENCIES:



NAME: U_D_G1

LABEL: 1st garage: Unit

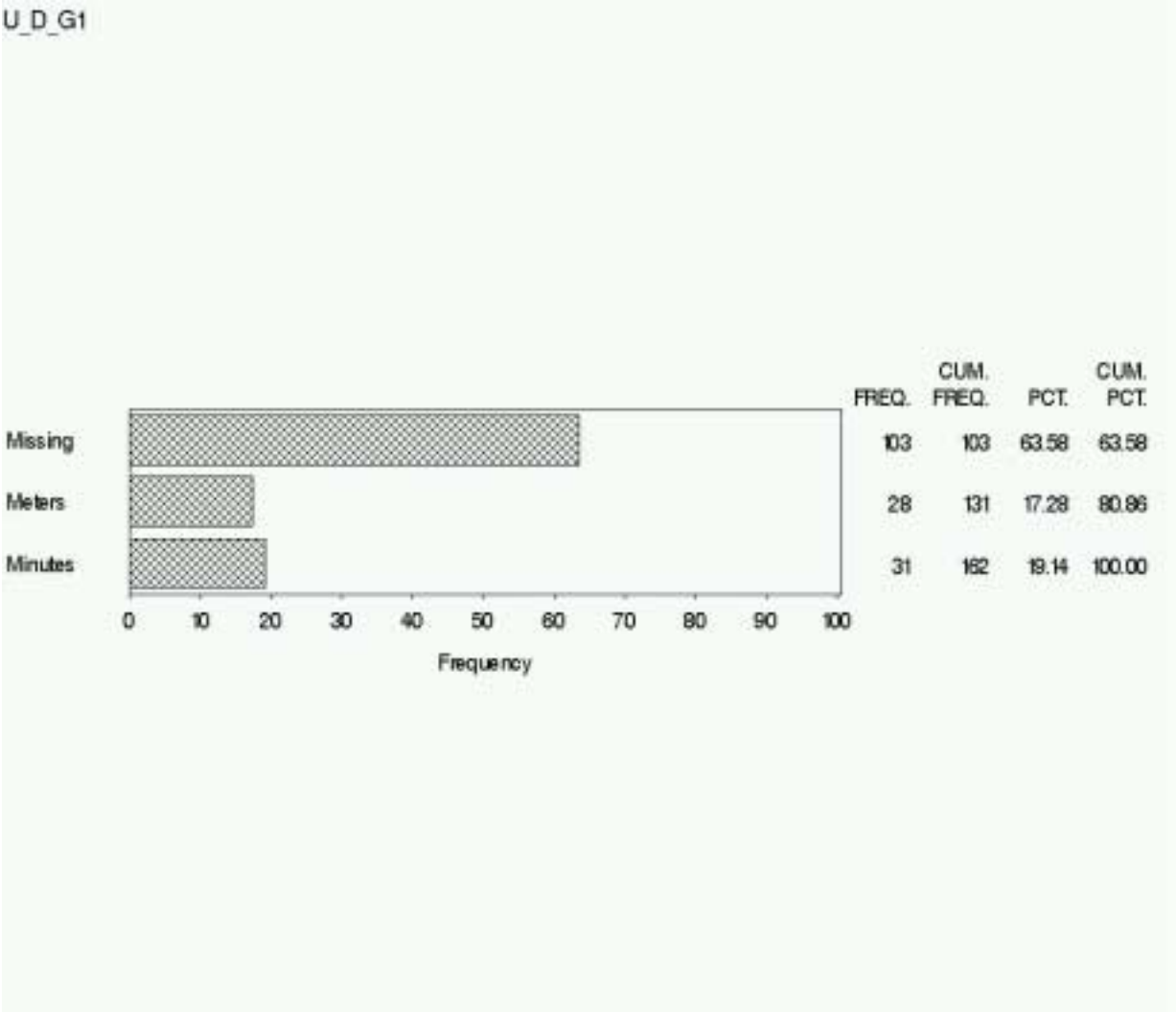
TYPE: Numeric

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

MMINUNIT

FREQUENCIES:



NAME: U_D_G2

LABEL: 2nd garage: Unit

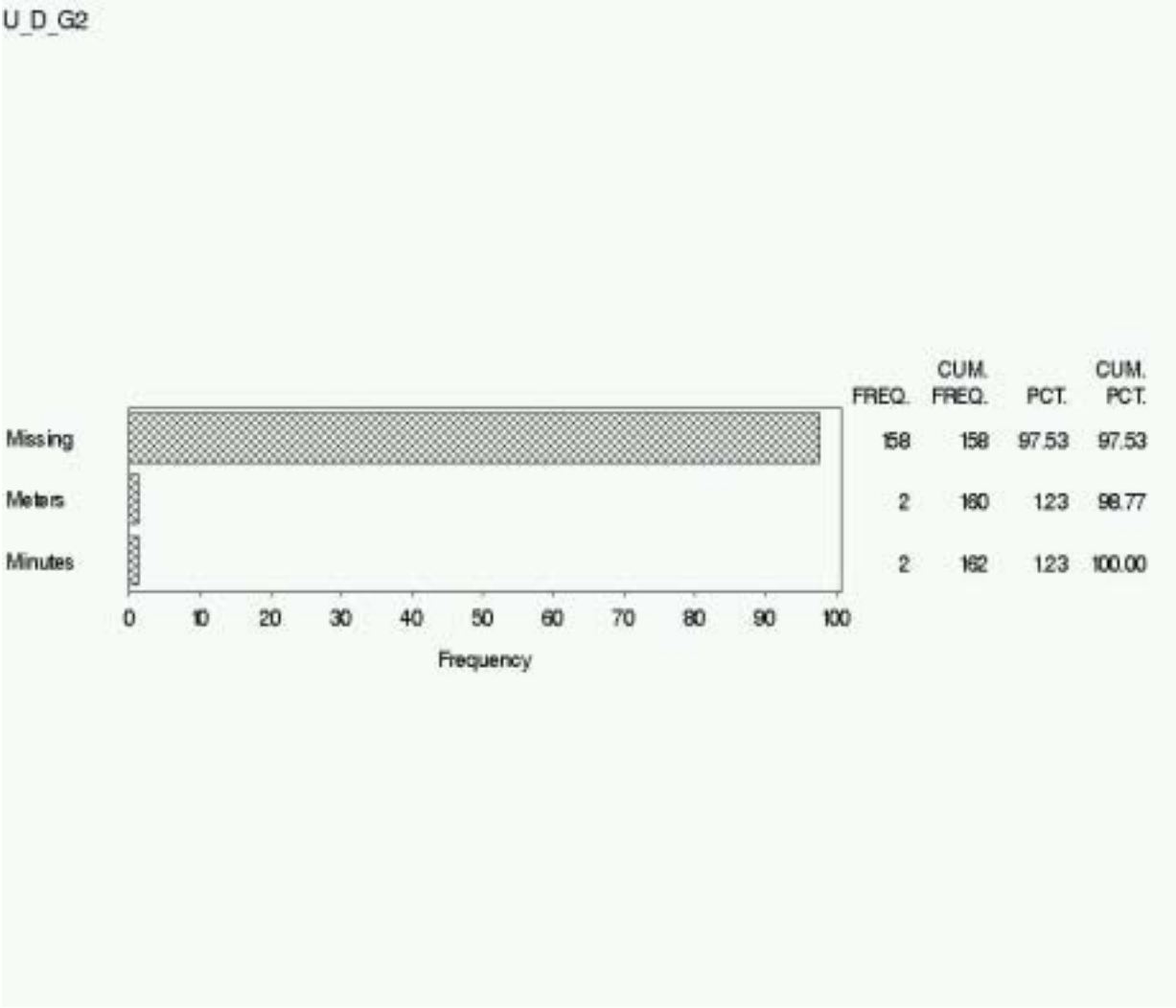
TYPE: Numeric

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

MMINUNIT

FREQUENCIES:



NAME: U_D_HR

LABEL: Heavy rail: Unit

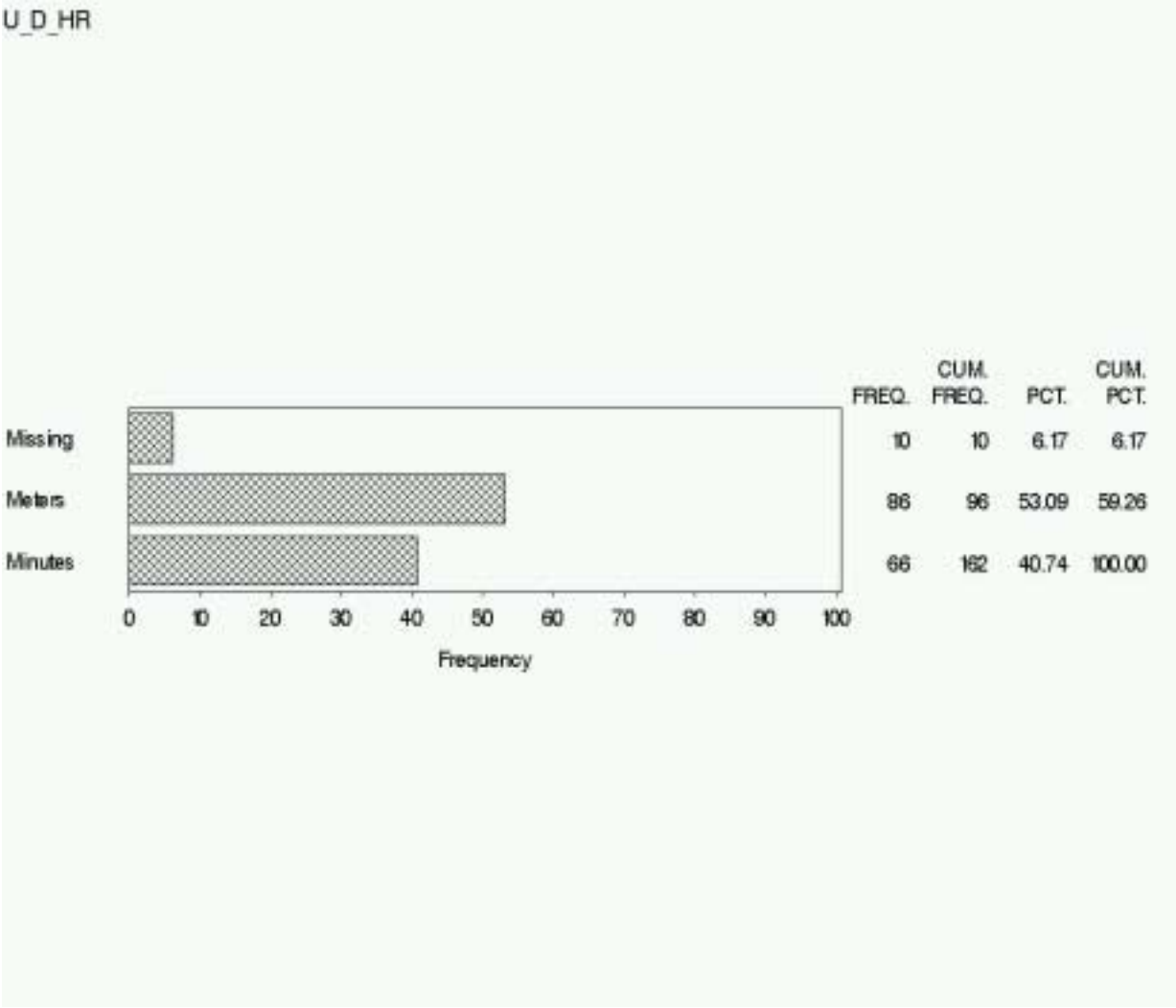
TYPE: Numeric

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

MMINUNIT

FREQUENCIES:



NAME: U_D_LRT

LABEL: LRT: Unit

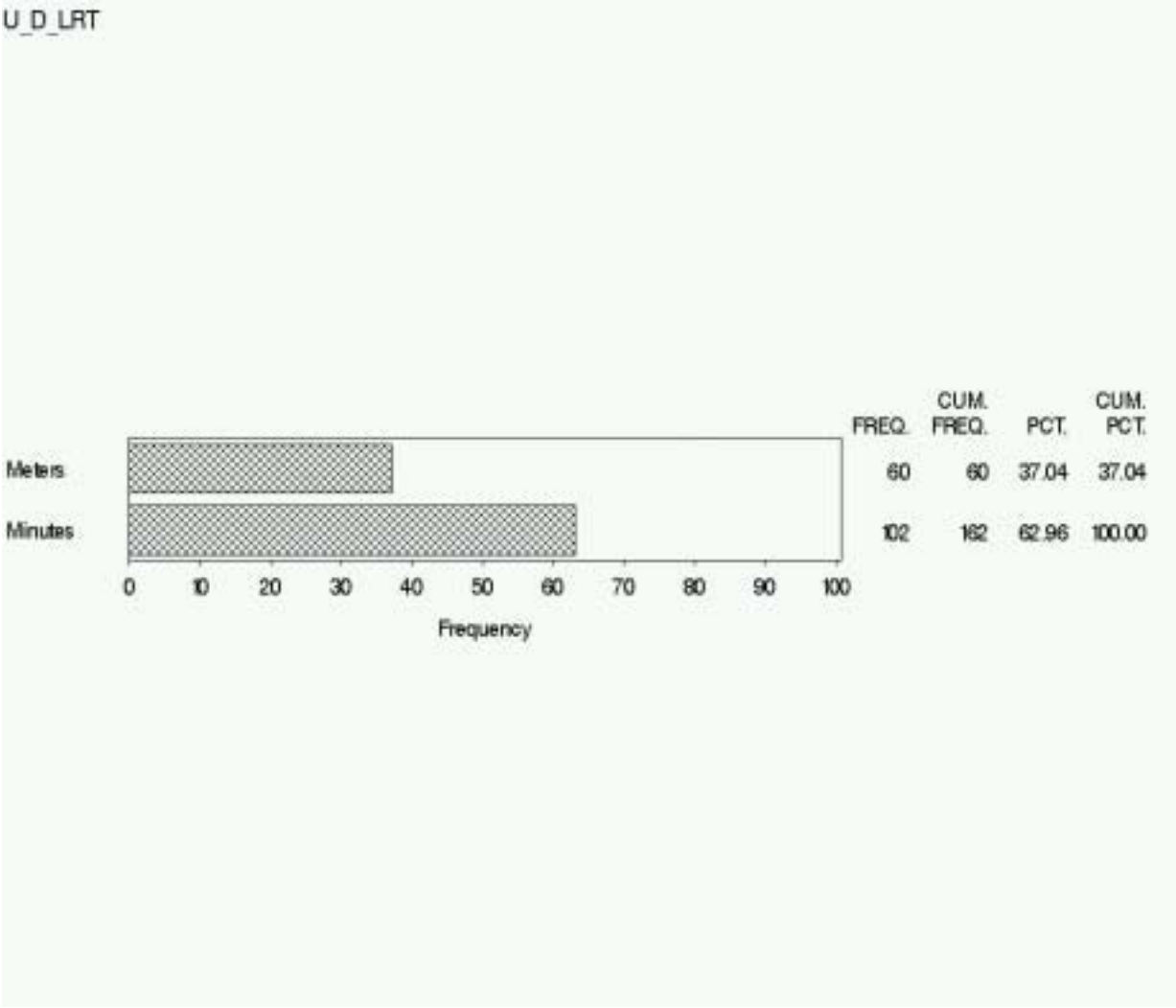
TYPE: Numeric

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

MMINUNIT

FREQUENCIES:



NAME: U_D_OS1

LABEL: 1st off-street space: Unit

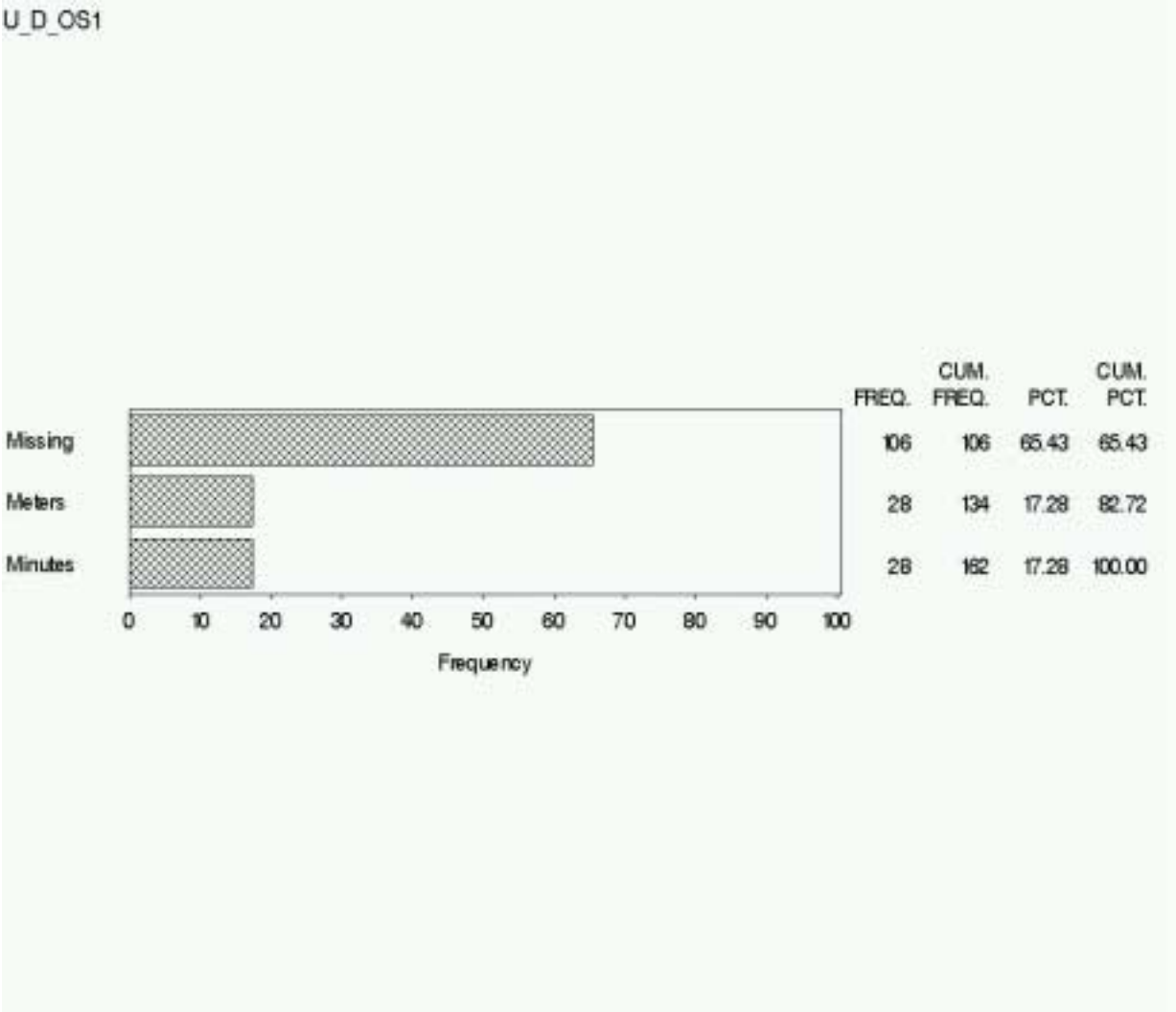
TYPE: Numeric

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

MMINUNIT

FREQUENCIES:



NAME: U_D_OS2

LABEL: 2nd off-street space: Unit

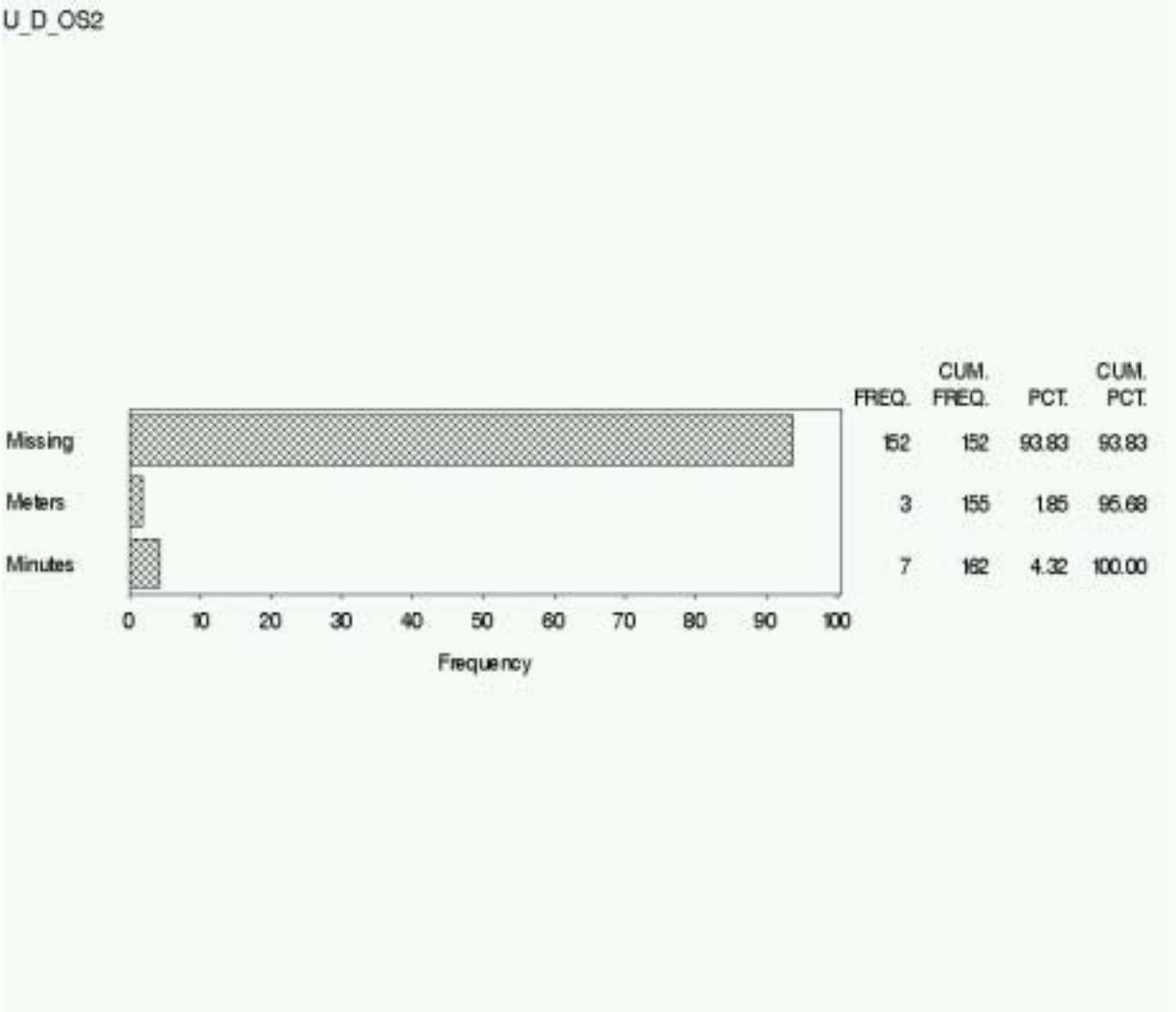
TYPE: Numeric

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

MMINUNIT

FREQUENCIES:



NAME: U_D_OS3

LABEL: 3rd off-street space: Unit

TYPE: Numeric

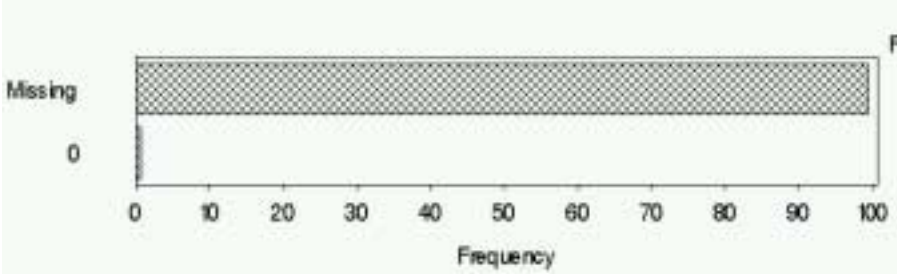
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

MMINUNIT

FREQUENCIES:

U_D_OS3



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	161	161	99.38	99.38
0	1	162	0.62	100.00

NAME: WASHROOM

LABEL: Features: Washroom

TYPE: Numeric / Discrete

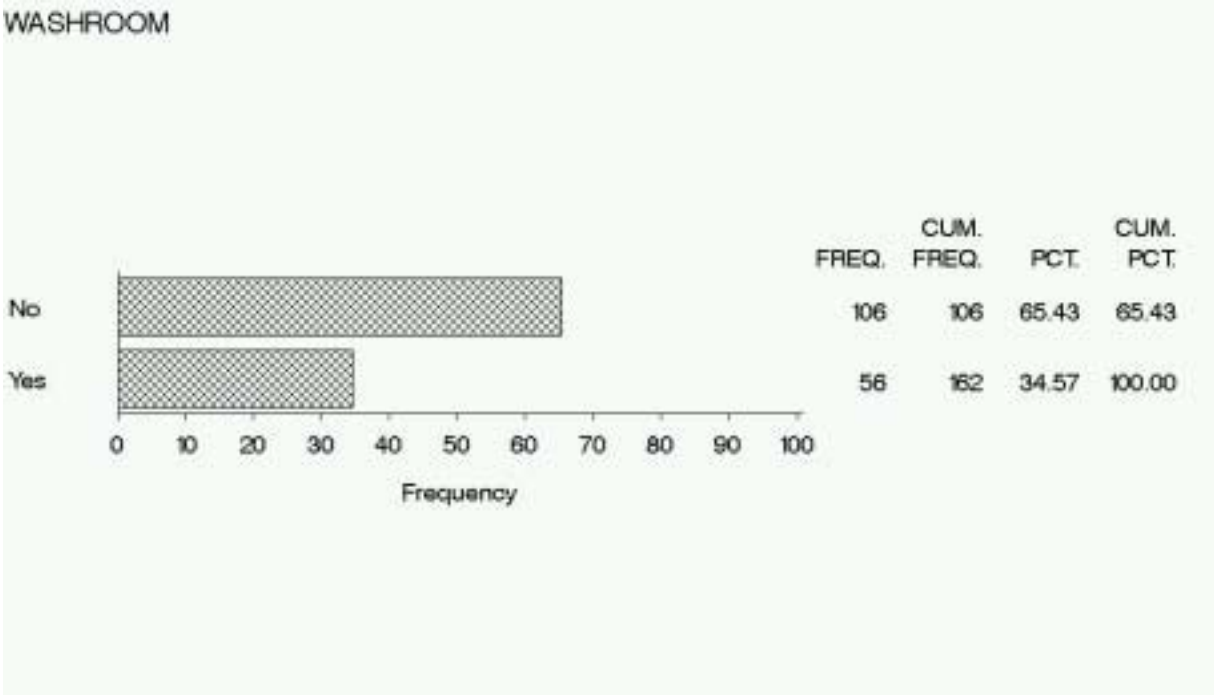
DESCRIPTION / COMMENT:

Washroom for laundry

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	106	106	65.43	65.43
Yes	56	162	34.57	100.00

NAME: Y_O_CON

LABEL: Year of construction

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

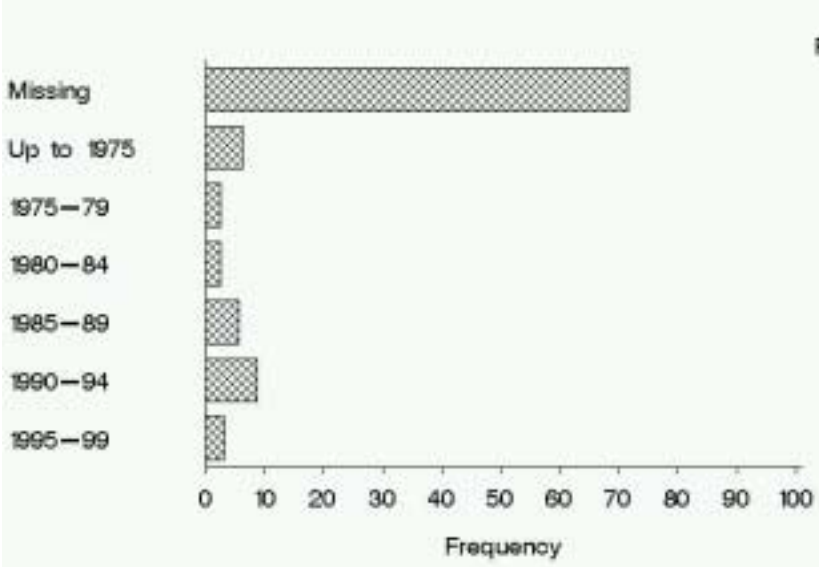
Year of construction of the house; due to the high number of missing values these values weren't imputed

RELEVANT FORMAT STATEMENTS:

QUI_A, QUI_B

FREQUENCIES:

Y_O_CON



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	116	116	71.60	71.60
Up to 1975	10	126	6.17	77.78
1975–79	4	130	2.47	80.25
1980–84	4	134	2.47	82.72
1985–89	9	143	5.56	88.27
1990–94	14	157	8.64	96.91
1995–99	5	162	3.09	100.00

NAME: Y_O_MO

LABEL: Year of move

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

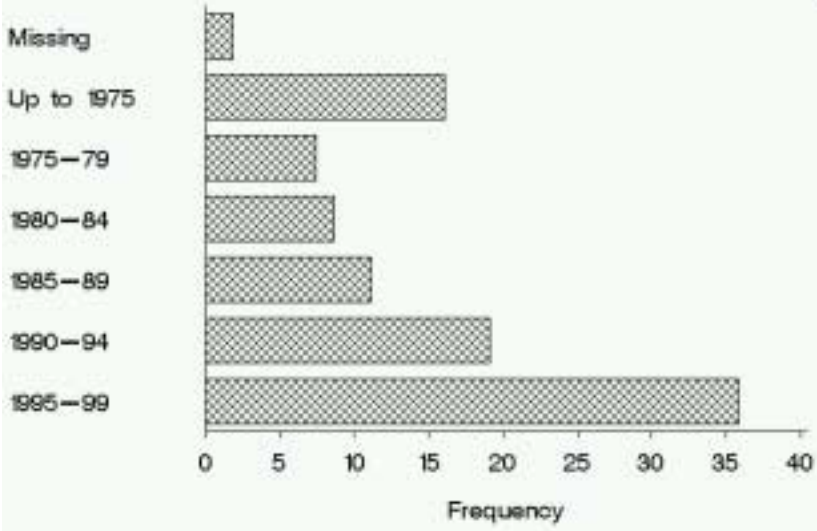
Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

QUI_A, QUI_B

FREQUENCIES:

Y_O_MO



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	3	3	1.85	1.85
Up to 1975	26	29	16.05	17.90
1975–79	12	41	7.41	25.31
1980–84	14	55	8.64	33.95
1985–89	18	73	11.11	45.06
1990–94	31	104	19.14	64.20
1995–99	58	162	35.80	100.00

1.1.3 *Character variables*

(no frequencies given)

CITY	City of survey	Karlsruhe and Halle
OTHER_F	Features: Other	Other possible features of accommodation; open category
STUDY	Study name	

1.2 Persons (file P_SUM)

Annotations (see (NUMBERS) in the category "DESCRIPTION/COMMENT"):

(1) Fixed commitments: Six categories plus an open category (variables COMM_O1 and COMM_O2) were given. Categories: club membership, volunteer work, party/union/initiative membership, care taking, education/training courses and helping friends/ relatives).

(2) Education / training courses

1.2.1 *SAS Contents Procedure*

```
Data Set Name: LAST.P_SUM                                  Observations:         361
Member Type:   DATA                                        Variables:            92
Engine:        V6                                          Indexes:              0
Created:       14:08 Thursday, February 28, 2002           Observation Length:   1896
Last Modified: 14:08 Thursday, February 28, 2002           Deleted Observations: 0
Protection:                                                Compressed:           NO
Data Set Type:                                             Sorted:               NO
Label:


                 -----Alphabetic List of Variables and Attributes-----

 #    Variable    Type    Len     Pos    Format    Label
ffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffff
 6    AGE         Num       8      82              Age
88    A_1C_HA     Char     50    1730              Address 1st course HA
87    A_1C_KA     Num       8    1722              Address 1st course KA
50    A_1FC       Num       8     929              Address for 1st fixed commitment
89    A_2C_HA     Char     50    1780              Address 2nd course HA
54    A_2FC       Num       8    1053              Address for 2nd fixed commitment
58    A_3FC       Num       8    1177              Address for 3rd fixed commitment
62    A_4FC       Num       8    1301              Address for 4th fixed commitment
77    A_S_L       Num       8    1597              Area of season: Local PT
74    A_S_R       Char     50    1531              Area of season: Heavy rail
25    A_WP        Num       8     353              Address of 1st work place
85    A_WP_AUX    Num       8    1706              Address of first workplace category
43    CARE        Num       8     689              Care giver outside home
 9    CHILD       Num       8     106              Child
81    CITY        Char      9    1671              City of survey
83    CITYCODE    Num       8    1690              Citycode
40    CLUB        Num       8     665              Club member
46    COMM_O1     Char    100     713              Type of 1st other commitment
47    COMM_O2     Char    100     813              Type of 2nd other commitment
70    DISCOUNT    Num       8    1457              Heavy rail discount card
35    D_O_1C      Num       8     625              Duration of 1st course
53    D_O_1FC     Num       8    1045              Duration of 1st fixed commitment
27    D_O_1J      Num       8     369              Duration of 1st job
37    D_O_2C      Num       8     641              Duration of 2nd course
57    D_O_2FC     Num       8    1169              Duration of 2nd fixed commitment
29    D_O_2J      Num       8     385              Duration of 2nd job
```

cont.

61	D_O_3FC	Num	8	1293		Duration of 3rd fixed commitment
65	D_O_4FC	Num	8	1417		Duration of 4th fixed commitment
13	EDUC	Num	8	222		Education
17	EDUC_O1	Char	50	254		Other degrees 1
18	EDUC_O2	Char	1	304		Other degrees 2
19	EMPLOYED	Num	8	305		Employed
39	FIXED_C	Num	8	657		Fixed commitment
31	FURTHER	Num	8	593		In further education
7	HH_H	Num	8	90		Household head
1	HH_NR	Num	8	0	F5.	Household number
48	I_O_FC	Num	8	913		Instances of fixed commitments
51	K_1FC	Char	100	937		Kind of 1st fixed commitment
55	K_2FC	Char	100	1061		Kind of 2nd fixed commitment
59	K_3FC	Char	100	1185		Kind of 3rd fixed commitment
63	K_4FC	Char	100	1309		Kind of 4th fixed commitment
76	K_S_L	Num	8	1589		Kind of season: Local PT
73	K_S_R	Char	50	1481		Kind of season: Heavy rail
67	LICENCE	Num	8	1433		Licensed
69	LIC_MC	Num	8	1449		MC licensed
68	LIC_VEH	Num	8	1441		Vehicle licensed
12	MARRIED	Num	8	214		Married
92	MN_O_PT	Num	8	1888		Mean trips per day
86	M_CAR_U	Num	8	1714		Main car user
4	NAME	Char	50	24		Given name
78	NAT	Num	8	1605		National
79	NAT_O	Char	50	1613		Foreign nationality
32	N_O_C	Num	8	601		Number of courses
33	N_O_CH	Num	8	609		Number of course hours
38	N_O_FC	Num	8	649		Number of fixed commitments
49	N_O_FCH	Num	8	921		Number of hours for fixed commitments
22	N_O_J	Num	8	329		Number of jobs
66	N_O_LIC	Num	8	1425		Number of licences
71	N_O_PTC	Num	8	1465		Number of seasons
24	N_O_WH	Num	8	345		Number of working hours
23	N_O_WP	Num	8	337		Number of work places
8	PARENT	Num	8	98		Parent
42	PARTY	Num	8	681		Member of political party etc.
2	P_NR	Num	8	8	F5.	Person number
10	REL_O1	Char	50	114		Other relation 1
14	SCHOOL	Num	8	230		School education
75	SEASON_L	Num	8	1581		Season: Local PT
72	SEASON_R	Num	8	1473		Season: Heavy rail
45	SERVICE	Num	8	705		Support outside home
3	SEX	Num	8	16		Sex
20	STATUS	Num	8	313		Working status/type of education
80	STUDENT	Num	8	1663		In education
82	STUDY	Char	10	1680		Study name
84	STUDYCOD	Num	8	1698		Study code
44	TEACH	Num	8	697		Voluntary teacher
16	TERT	Num	8	246		Tertiary education
30	T_O_W	Char	200	393		Type of work
15	VOC_TR	Num	8	238		Vocational training
41	VOLUNT	Num	8	673		Volunteer
21	WORKING	Num	8	321		Style of work
91	Y4FC	Num	8	1880		
34	Y_1C	Num	8	617		Starting year of 1st course
52	Y_1FC	Num	8	1037		Starting year 1st fixed commitment
26	Y_1J	Num	8	361		Starting year 1st job
36	Y_2C	Num	8	633		Starting year of 2nd course

cont.

56	Y_2FC	Num	8	1161	Starting year 2nd fixed commitment
28	Y_2J	Num	8	377	Starting year 2nd job
60	Y_3FC	Num	8	1285	Starting year 3rd fixed commitment
64	Y_4FC	Num	8	1409	Starting year 4th fixed commitment
5	Y_O_B	Num	8	74	Year of birth

1.2.2 *Numeric variables in alphabetical order*

NAME: AGE

LABEL: Age

TYPE: Numeric / Continuous

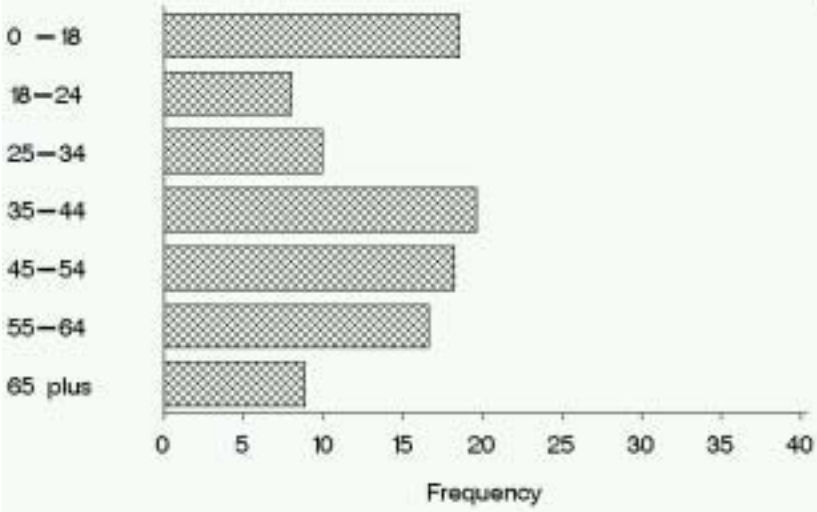
DESCRIPTION / COMMENT:

In 1999

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

AGE



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
0 – 18	67	67	18.56	18.56
18–24	29	96	8.03	26.59
25–34	36	132	9.97	36.57
35–44	71	203	19.67	56.23
45–54	66	269	18.28	74.52
55–64	60	329	16.62	91.14
65 plus	32	361	8.86	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
AGE	361	0	40.23	18.94	7.00	85.00	23.00	42.00	55.00

NAME: A_1C_KA

LABEL: Address 1st course KA

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

(2) For Karlsruhe: zones, Halle ➔ Missing

RELEVANT FORMAT STATEMENTS:

KARLSU_A, KARLSU_B, KARLSU_C

FREQUENCIES:

Address 1st course KA

A_1C_KA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Innenstadt-Ost	4	10.00	4	10.00
Innenstadt-West	2	5.00	6	15.00
Suedweststadt	1	2.50	7	17.50
Weststadt	4	10.00	11	27.50
Nordweststadt	1	2.50	12	30.00
Oststadt	2	5.00	14	35.00
Muehlburg	3	7.50	17	42.50
Daxlanden	5	12.50	22	55.00
Kniebingen	1	2.50	23	57.50
Beiertheim-Bulach	1	2.50	24	60.00
Rüppurr	4	10.00	28	70.00
Waldstadt	8	20.00	36	90.00
Baden-Wuertemberg	4	10.00	40	100.00

Frequency Missing = 321

NAME: A_1FC

LABEL: Address for 1st fixed commitment

TYPE: Numeric

DESCRIPTION / COMMENT:

(1) Zones (!!!): When analysing frequencies etc., distinguish from city/citycode

RELEVANT FORMAT STATEMENTS:

HALLE_A, HALLE_B, HALLE_E, KARLSU_A, KARLSU_B, KARLSU_C

FREQUENCIES:

Citycode=1

A_1FC	Cumulative Frequency	Percent	Cumulative Frequency	Percent
11	4	4.00	4	4.00
12	1	1.00	5	5.00
21	4	4.00	9	9.00
22	1	1.00	10	10.00
31	1	1.00	11	11.00
41	3	3.00	14	14.00
42	1	1.00	15	15.00
43	2	2.00	17	17.00
51	8	8.00	25	25.00
52	5	5.00	30	30.00
71	1	1.00	31	31.00
72	3	3.00	34	34.00
73	1	1.00	35	35.00
83	1	1.00	36	36.00
91	5	5.00	41	41.00
92	2	2.00	43	43.00
93	1	1.00	44	44.00
101	1	1.00	45	45.00
102	1	1.00	46	46.00
112	1	1.00	47	47.00
121	4	4.00	51	51.00
142	4	4.00	55	55.00
151	1	1.00	56	56.00
152	1	1.00	57	57.00
154	1	1.00	58	58.00
161	2	2.00	60	60.00
162	4	4.00	64	64.00
171	1	1.00	65	65.00
181	1	1.00	66	66.00
182	6	6.00	72	72.00
191	2	2.00	74	74.00
193	1	1.00	75	75.00
195	1	1.00	76	76.00
197	3	3.00	79	79.00
201	3	3.00	82	82.00
251	1	1.00	83	83.00
252	2	2.00	85	85.00
261	1	1.00	86	86.00
262	2	2.00	88	88.00
211000	1	1.00	89	89.00
215009	2	2.00	91	91.00
215017	2	2.00	93	93.00
215101	1	1.00	94	94.00
215109	2	2.00	96	96.00
215110	2	2.00	98	98.00
216033	1	1.00	99	99.00
316013	1	1.00	100	100.00

Frequency Missing = 103

cont.

A_1FC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
101	6	12.50	6	12.50
103	7	14.58	13	27.08
108	1	2.08	14	29.17
204	3	6.25	17	35.42
223	1	2.08	18	37.50
230	1	2.08	19	39.58
309	1	2.08	20	41.67
340	1	2.08	21	43.75
342	1	2.08	22	45.83
411	1	2.08	23	47.92
412	2	4.17	25	52.08
413	6	12.50	31	64.58
452	1	2.08	32	66.67
460	1	2.08	33	68.75
461	2	4.17	35	72.92
571	3	6.25	38	79.17
572	2	4.17	40	83.33
573	2	4.17	42	87.50
594	1	2.08	43	89.58
595	1	2.08	44	91.67
26508	1	2.08	45	93.75
265026	1	2.08	46	95.83
265034	1	2.08	47	97.92
2650112	1	2.08	48	100.00

Frequency Missing = 110

NAME: A_2FC

LABEL: Address for 2nd fixed commitment

TYPE: Numeric

DESCRIPTION / COMMENT:

(1) Zones (!!!): When analysing frequencies etc., distinguish from city/citycode

RELEVANT FORMAT STATEMENTS:

HALLE_A, HALLE_B, HALLE_E, KARLSU_A, KARLSU_B, KARLSU_C

FREQUENCIES:

Citycode=1

A_2FC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	66	68.04	66	68.04
11	1	1.03	67	69.07
12	1	1.03	68	70.10
21	2	2.06	70	72.16
22	2	2.06	72	74.23
41	1	1.03	73	75.26
51	3	3.09	76	78.35
52	2	2.06	78	80.41
82	1	1.03	79	81.44
121	1	1.03	80	82.47
141	1	1.03	81	83.51
154	4	4.12	85	87.63
161	4	4.12	89	91.75
182	1	1.03	90	92.78
193	1	1.03	91	93.81
201	1	1.03	92	94.85
202	1	1.03	93	95.88
1113	1	1.03	94	96.91
215102	2	2.06	96	98.97
7334008	1	1.03	97	100.00

Frequency Missing = 106

Citycode=2

A_2FC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	27	55.10	27	55.10
101	1	2.04	28	57.14
102	1	2.04	29	59.18
103	4	8.16	33	67.35
204	2	4.08	35	71.43
230	1	2.04	36	73.47
413	3	6.12	39	79.59
451	1	2.04	40	81.63
461	3	6.12	43	87.76
572	2	4.08	45	91.84
573	1	2.04	46	93.88
591	2	4.08	48	97.96
265034	1	2.04	49	100.00

Frequency Missing = 109

NAME: A_3FC

LABEL: Address for 3rd fixed commitment

TYPE: Numeric

DESCRIPTION / COMMENT:

(1) Zones (!!!): When analysing frequencies etc., distinguish from city/citycode

RELEVANT FORMAT STATEMENTS:

HALLE_A, HALLE_B, HALLE_E, KARLSU_A, KARLSU_B, KARLSU_C

FREQUENCIES:

Citycode=1

A_3FC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	93	92.08	93	92.08
42	1	0.99	94	93.07
64	1	0.99	95	94.06
71	1	0.99	96	95.05
152	1	0.99	97	96.04
182	1	0.99	98	97.03
195	1	0.99	99	98.02
201	2	1.98	101	100.00

Frequency Missing = 102

Citycode=2

A_3FC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	42	82.35	42	82.35
101	1	1.96	43	84.31
103	2	3.92	45	88.24
413	1	1.96	46	90.20
461	2	3.92	48	94.12
571	1	1.96	49	96.08
572	2	3.92	51	100.00

Frequency Missing = 107

NAME: A_4FC

LABEL: Address for 4th fixed commitment

TYPE: Numeric

DESCRIPTION / COMMENT:

(1) Zones (!!!) When analysing frequencies etc., distinguish from city/citycode

RELEVANT FORMAT STATEMENTS:

HALLE_A, HALLE_B, HALLE_E, KARLSU_A, KARLSU_B, KARLSU_C

FREQUENCIES:

Citycode=1

A_4FC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	100	100.00	100	100.00

Frequency Missing = 103

Citycode=2

A_4FC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	48	94.12	48	94.12
412	1	1.96	49	96.08
461	1	1.96	50	98.04
572	1	1.96	51	100.00

Frequency Missing = 107

NAME: A_S_L

LABEL: Area of season: Local PT

TYPE: Numeric /Discrete

DESCRIPTION / COMMENT:

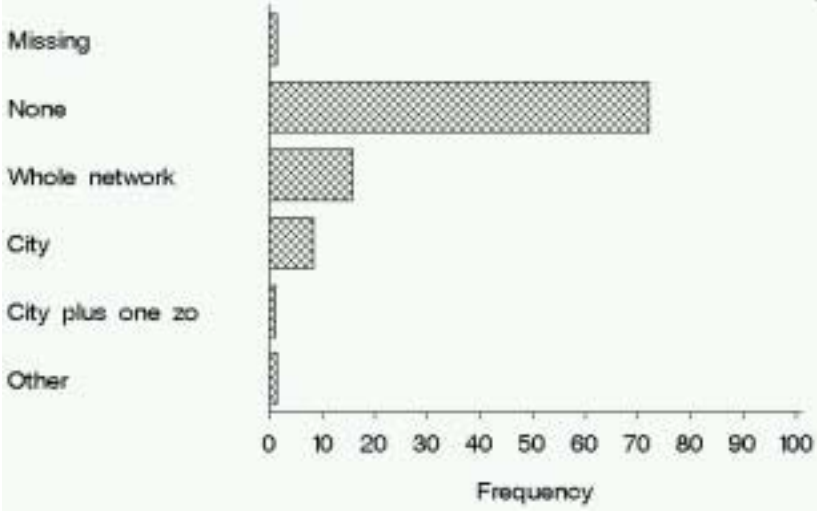
Area of season: Local Public Transport; due to the high number of missing values these values weren't imputed; City / zone of public transport network

RELEVANT FORMAT STATEMENTS:

A_S_L_A

FREQUENCIES:

A_S_L



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	5	5	1.39	1.39
None	260	265	72.02	73.41
Whole network	57	322	15.79	89.20
City	30	352	8.31	97.51
City plus one zo	4	356	1.11	98.61
Other	5	361	1.39	100.00

NAME: A_WP

LABEL: Address of 1st work place

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Zones (!!!): When analysing frequencies etc., distinguish from city/citycode

RELEVANT FORMAT STATEMENTS:

HALLE_A, HALLE_B, HALLE_E, KARLSU_A, KARLSU_B, KARLSU_C

FREQUENCIES:

Citycode=1

A_WP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
11	6	5.66	6	5.66
12	3	2.83	9	8.49
21	2	1.89	11	10.38
22	5	4.72	16	15.09
31	2	1.89	18	16.98
32	1	0.94	19	17.92
41	3	2.83	22	20.75
42	2	1.89	24	22.64
43	6	5.66	30	28.30
52	1	0.94	31	29.25
62	2	1.89	33	31.13
63	1	0.94	34	32.08
71	2	1.89	36	33.96
72	2	1.89	38	35.85
73	1	0.94	39	36.79
74	1	0.94	40	37.74
81	3	2.83	43	40.57
83	2	1.89	45	42.45
84	1	0.94	46	43.40
91	1	0.94	47	44.34
101	1	0.94	48	45.28
102	4	3.77	52	49.06
111	1	0.94	53	50.00
113	1	0.94	54	50.94
131	1	0.94	55	51.89
151	1	0.94	56	52.83
152	2	1.89	58	54.72
154	1	0.94	59	55.66
162	1	0.94	60	56.60
181	1	0.94	61	57.55
191	6	5.66	67	63.21
192	1	0.94	68	64.15
194	1	0.94	69	65.09
197	3	2.83	72	67.92
201	2	1.89	74	69.81
211	1	0.94	75	70.75
221	2	1.89	77	72.64
231	1	0.94	78	73.58
262	1	0.94	79	74.53
263	2	1.89	81	76.42
272	1	0.94	82	77.36
1111	1	0.94	83	78.30
111000	2	1.89	85	80.19
118067	1	0.94	86	81.13
211000	1	0.94	87	82.08
215007	1	0.94	88	83.02
215017	4	3.77	92	86.79
215101	2	1.89	94	88.68
215102	2	1.89	96	90.57
215110	1	0.94	97	91.51
216028	1	0.94	98	92.45
231000	4	3.77	102	96.23
236040	1	0.94	103	97.17
251017	2	1.89	105	99.06
435016	1	0.94	106	100.00

cont.

Frequency Missing = 97

Citycode=2

A_WP	Frequency	Cumulative Percent	Frequency	Cumulative Percent
101	4	5.56	4	5.56
102	1	1.39	5	6.94
103	8	11.11	13	18.06
204	5	6.94	18	25.00
207	1	1.39	19	26.39
222	2	2.78	21	29.17
230	5	6.94	26	36.11
231	1	1.39	27	37.50
308	1	1.39	28	38.89
309	2	2.78	30	41.67
340	4	5.56	34	47.22
343	2	2.78	36	50.00
344	1	1.39	37	51.39
411	1	1.39	38	52.78
412	1	1.39	39	54.17
413	2	2.78	41	56.94
451	2	2.78	43	59.72
453	1	1.39	44	61.11
571	2	2.78	46	63.89
572	2	2.78	48	66.67
573	2	2.78	50	69.44
574	2	2.78	52	72.22
582	2	2.78	54	75.00
591	4	5.56	58	80.56
593	1	1.39	59	81.94
595	1	1.39	60	83.33
601	1	1.39	61	84.72
602	1	1.39	62	86.11
603	1	1.39	63	87.50
604	1	1.39	64	88.89
605	1	1.39	65	90.28
606	3	4.17	68	94.44
607	1	1.39	69	95.83
608	1	1.39	70	97.22
609	1	1.39	71	98.61
610	1	1.39	72	100.00

Frequency Missing = 86

NAME: A_WP_AUX

LABEL: Address of first work place category

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

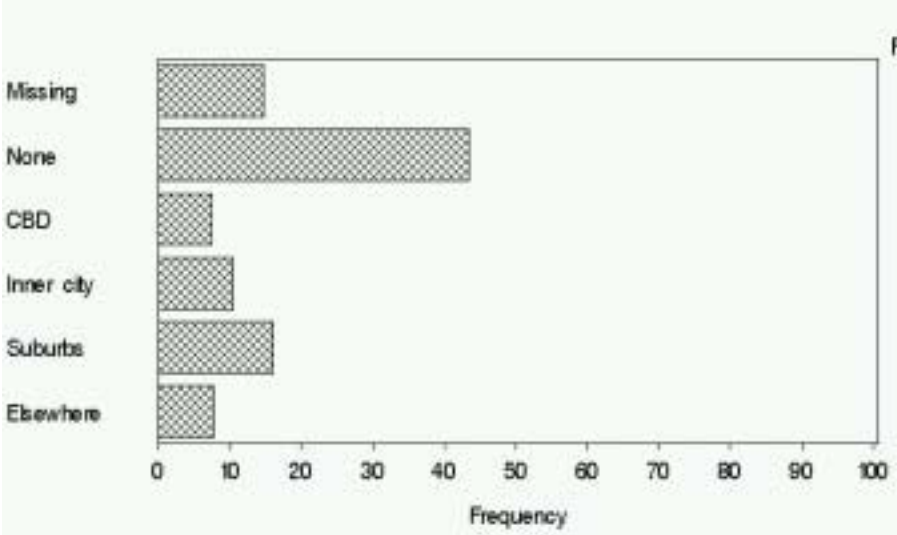
Originally a_wp, recoded to compare cities

RELEVANT FORMAT STATEMENTS:

LOC_A

FREQUENCIES:

A_WP_AUX



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	53	53	14.68	14.68
None	157	210	43.49	58.17
CBD	27	237	7.48	65.65
Inner city	38	275	10.53	76.18
Suburbs	58	333	16.07	92.24
Elsewhere	28	361	7.76	100.00

NAME: CARE

LABEL: Care giver outside home

TYPE: Numeric / Discrete

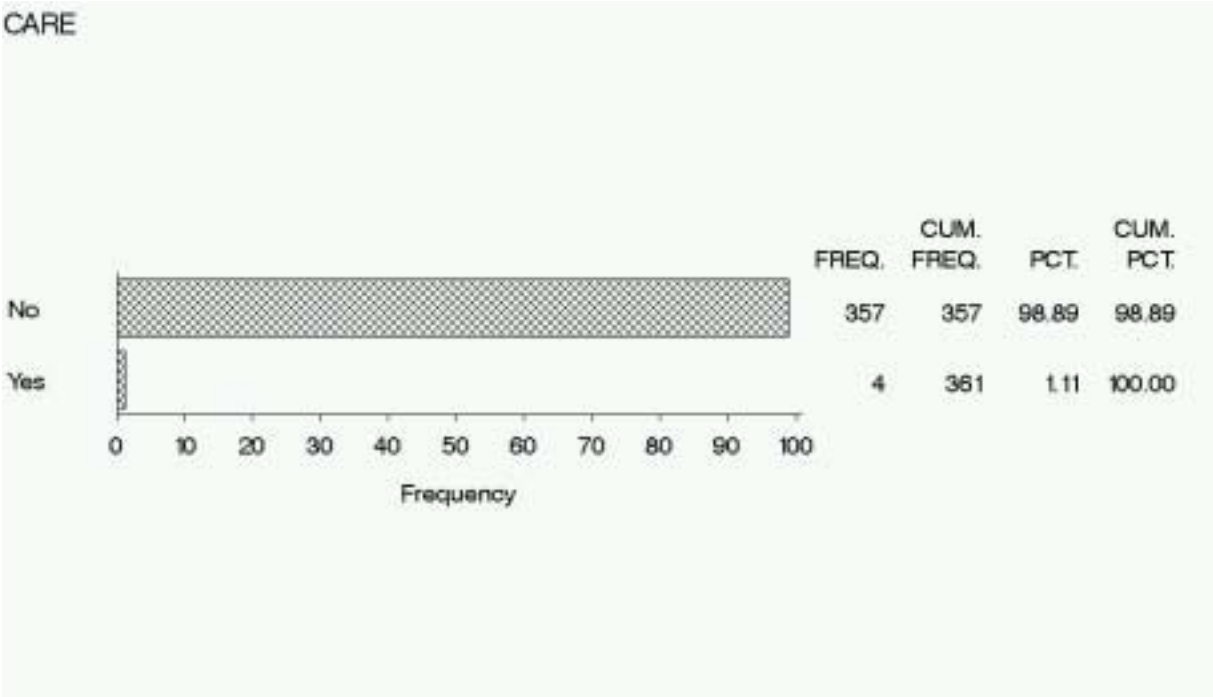
DESCRIPTION / COMMENT:

If fixed commitment is care giving

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	357	357	98.89	98.89
Yes	4	361	1.11	100.00

NAME: CHILD

LABEL: Child

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

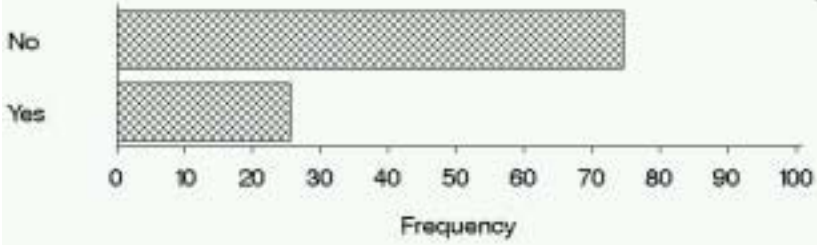
If relation to one of the other family members is child

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

CHILD



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	269	269	74.52	74.52
Yes	92	361	25.48	100.00

NAME: CITYCODE

LABEL: Citycode

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

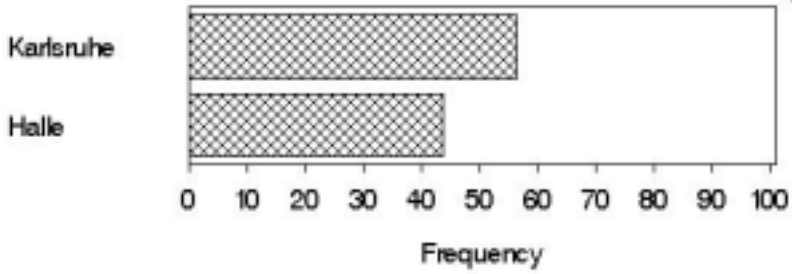
Index variable

RELEVANT FORMAT STATEMENTS:

CITYCODE

FREQUENCIES:

CITYCODE



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Karlsruhe	203	203	56.23	56.23
Halle	158	361	43.77	100.00

NAME: CLUB

LABEL: Club member

TYPE: Numeric / Discrete

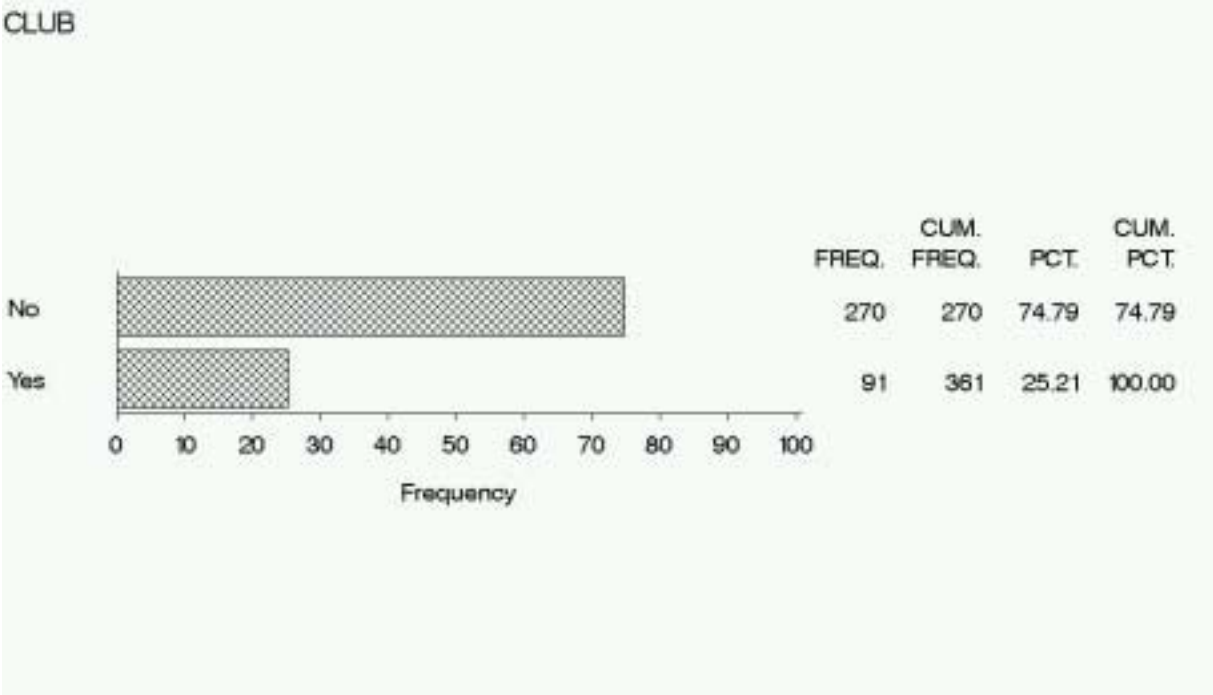
DESCRIPTION / COMMENT:

If fixed commitment is club membership

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	270	270	74.79	74.79
Yes	91	361	25.21	100.00

NAME: DISCOUNT

LABEL: Heavy rail discount card

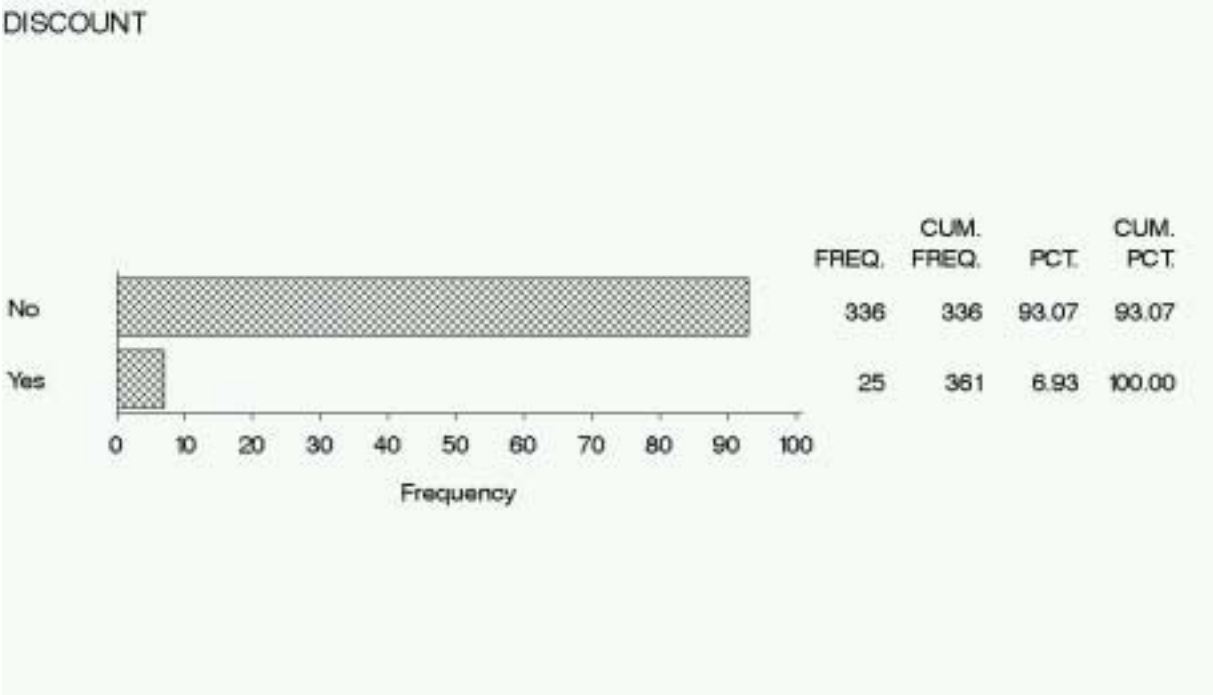
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	336	336	93.07	93.07
Yes	25	361	6.93	100.00

NAME: D_O_1C

LABEL: Duration of 1st course

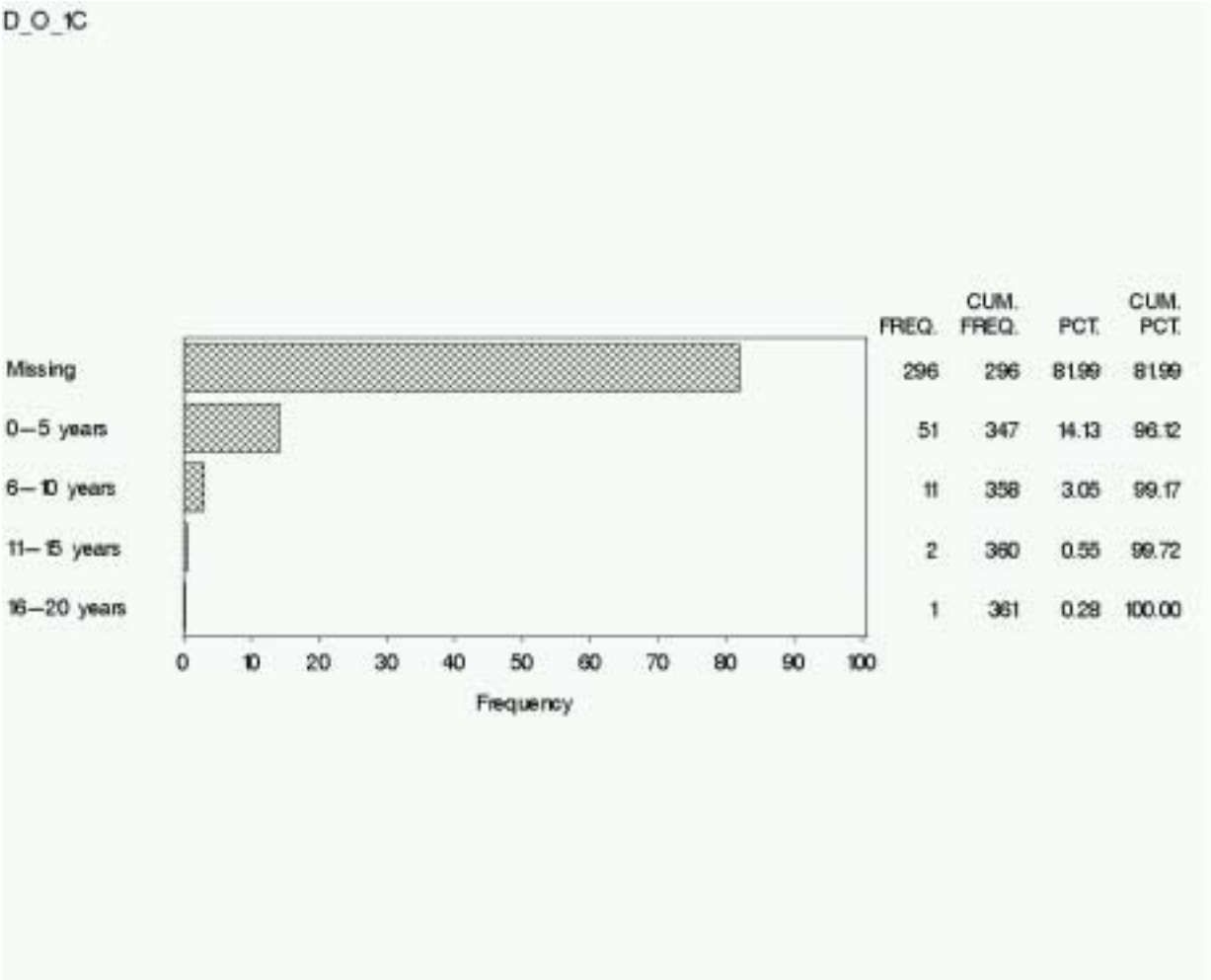
TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded. Imputation of missing values were executed in a further step according to Data Format Guide, Part A; (2) Time since start of first education / training course (years)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
65	296	3.2769231	3.6120791	0	18.0000000	0	2.0000000	5.0000000

NAME: D_O_1FC

LABEL: Duration of 1st fixed commitment

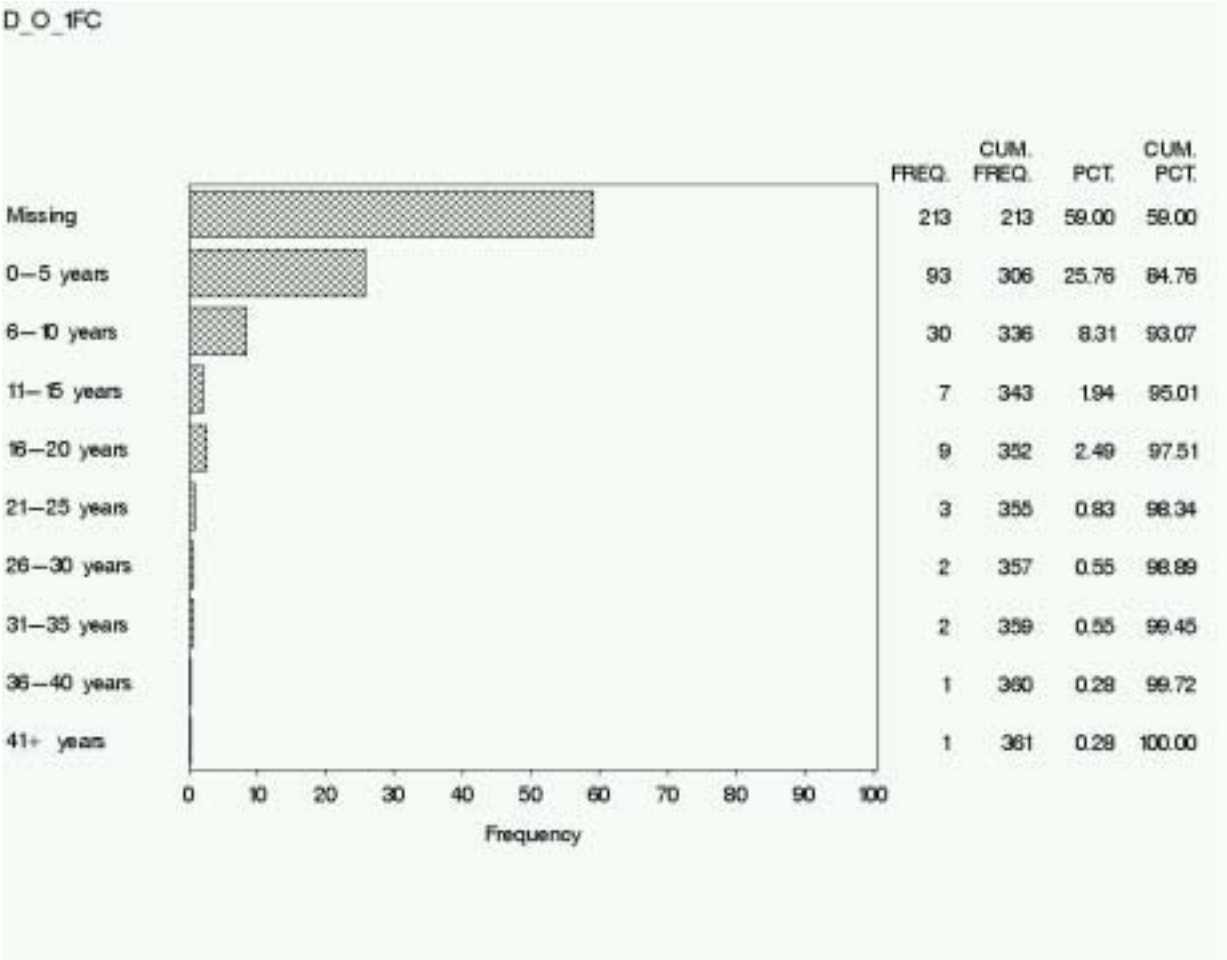
TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; Imputation of missing values were executed in a further step according to Data Format Guide, Part A; (1) time since start of first fixed commitment (years)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
148	213	6.6554054	9.5886220	0	80.0000000	1.0000000	3.5000000	8.5000000

NAME: D_O_1J

LABEL: Duration of 1st job

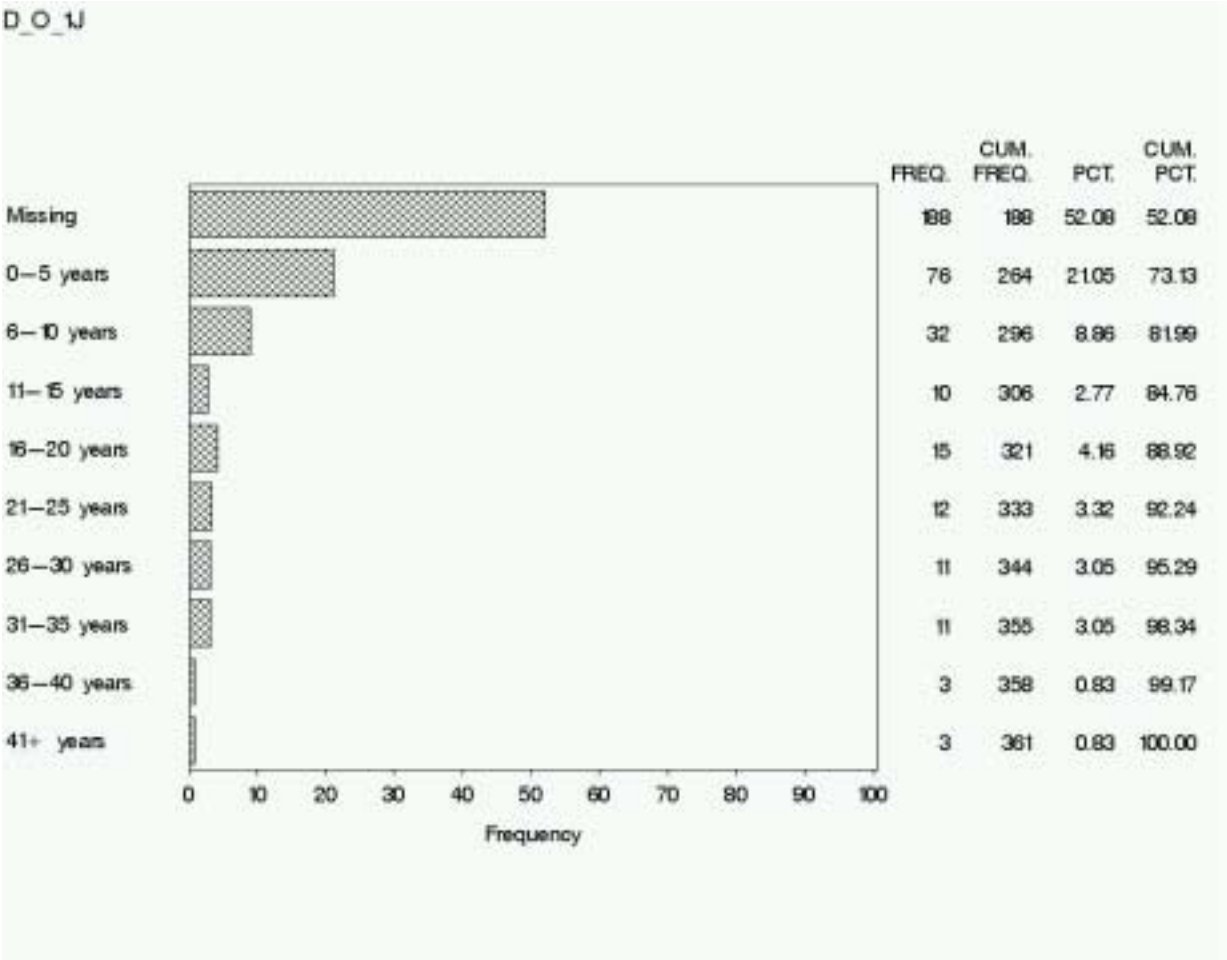
TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; Imputation of missing values were executed in a further step according to Data Format Guide, Part A; (1) time since start of first job (years)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
173	188	11.2196532	11.5616782	0	46.0000000	2.0000000	7.0000000	20.0000000

NAME: D_O_2C

LABEL: Duration of 2nd course

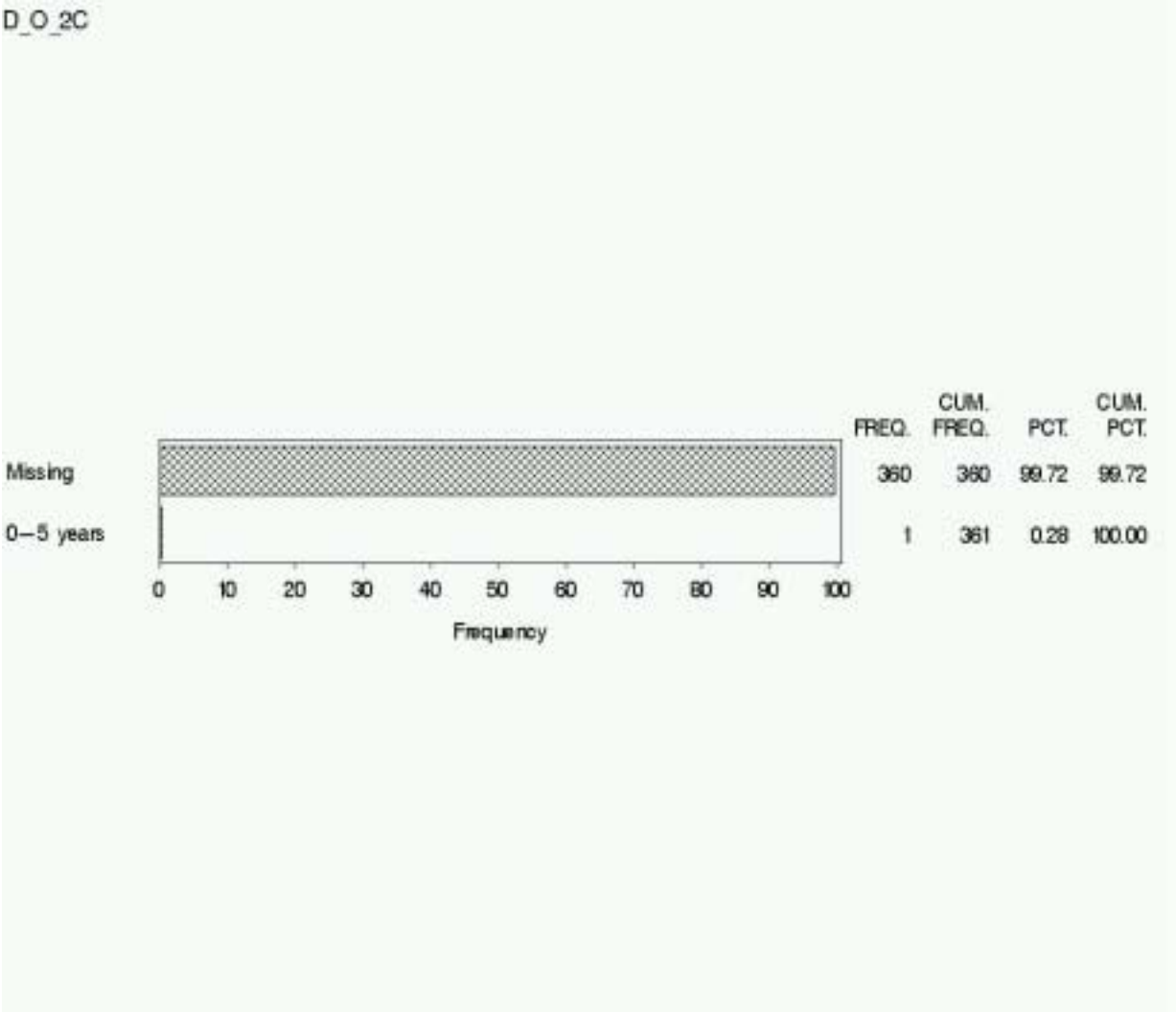
TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; Imputation of missing values were executed in a further step according to Data Format Guide, Part A; (2) time since start of second education / training course (years)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
1	360	2.0000000	.	2.0000000	2.0000000	2.0000000	2.0000000	2.0000000

NAME: D_O_2FC

LABEL: Duration of 2nd fixed commitment

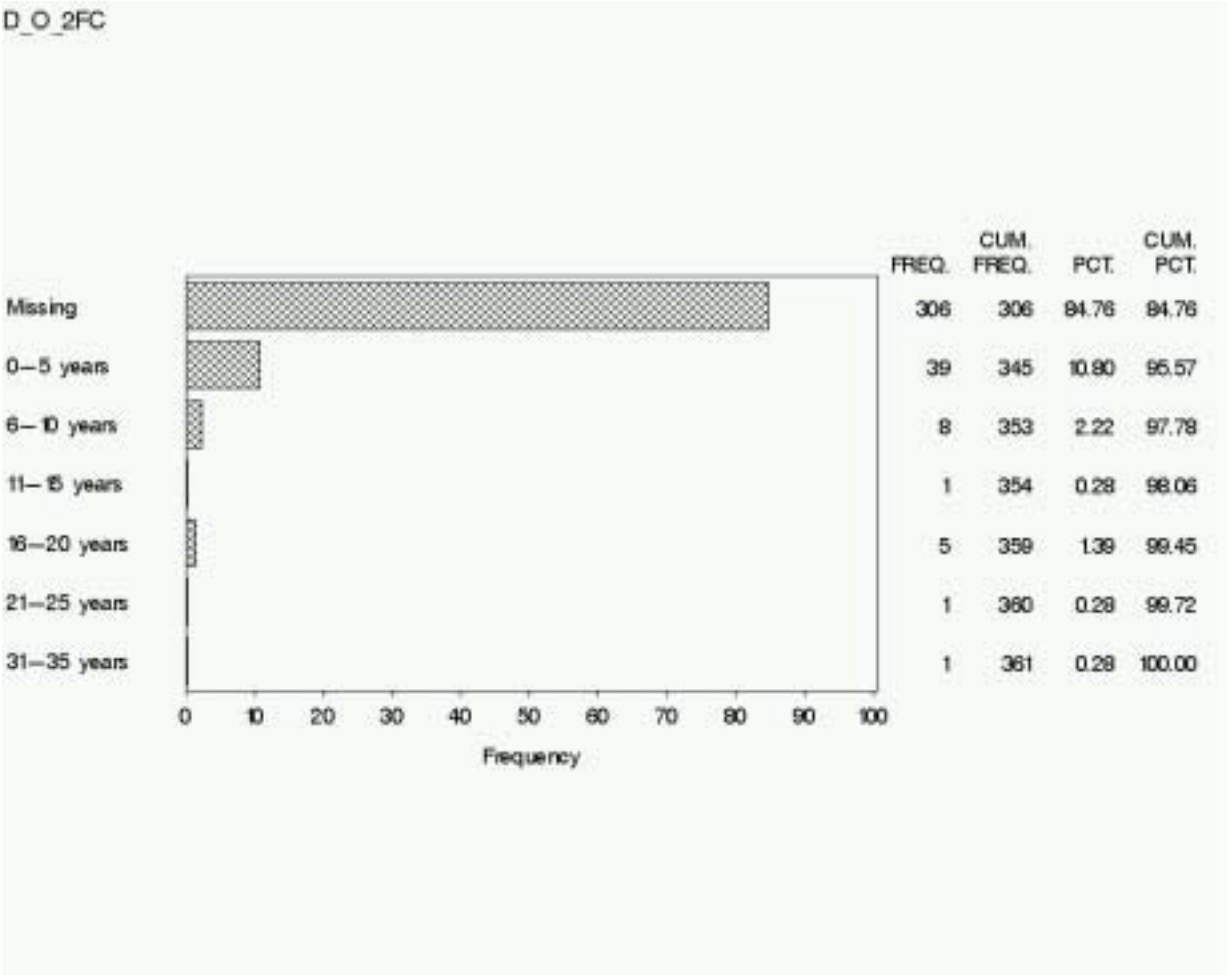
TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; Imputation of missing values were executed in a further step according to Data Format Guide, Part A; (1) Time since start of second fixed commitment (years)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
55	306	5.2545455	7.3035207	0	34.0000000	1.0000000	2.0000000	7.0000000

NAME: D_O_2J

LABEL: Duration of 2nd job

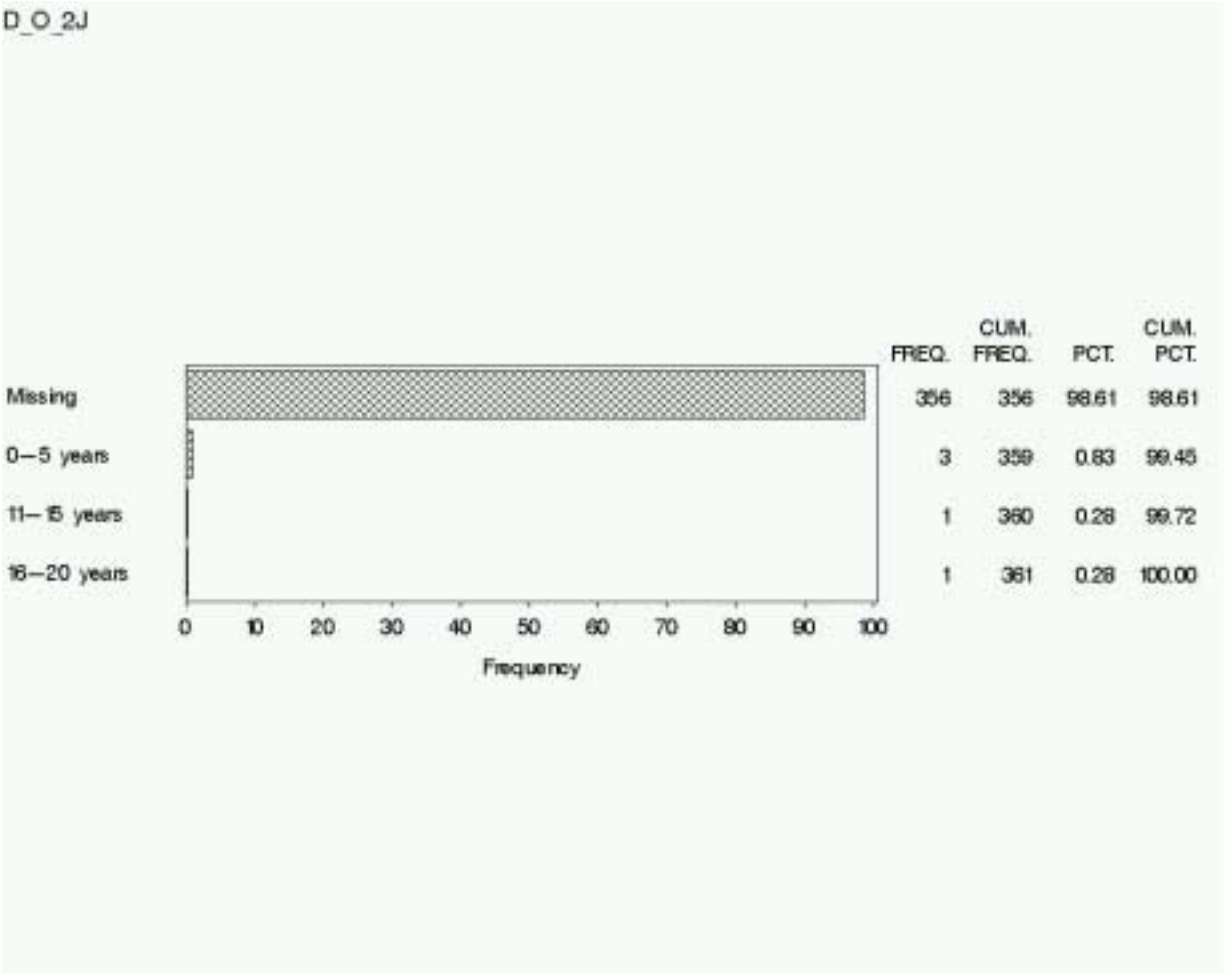
TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; Imputation of missing values were executed in a further step according to Data Format Guide, Part A; (1) time since start of second job (years)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
5	356	6.6000000	8.5029407	0	19.0000000	1.0000000	1.0000000	12.0000000

NAME: D_O_3FC

LABEL: Duration of 3rd fixed commitment

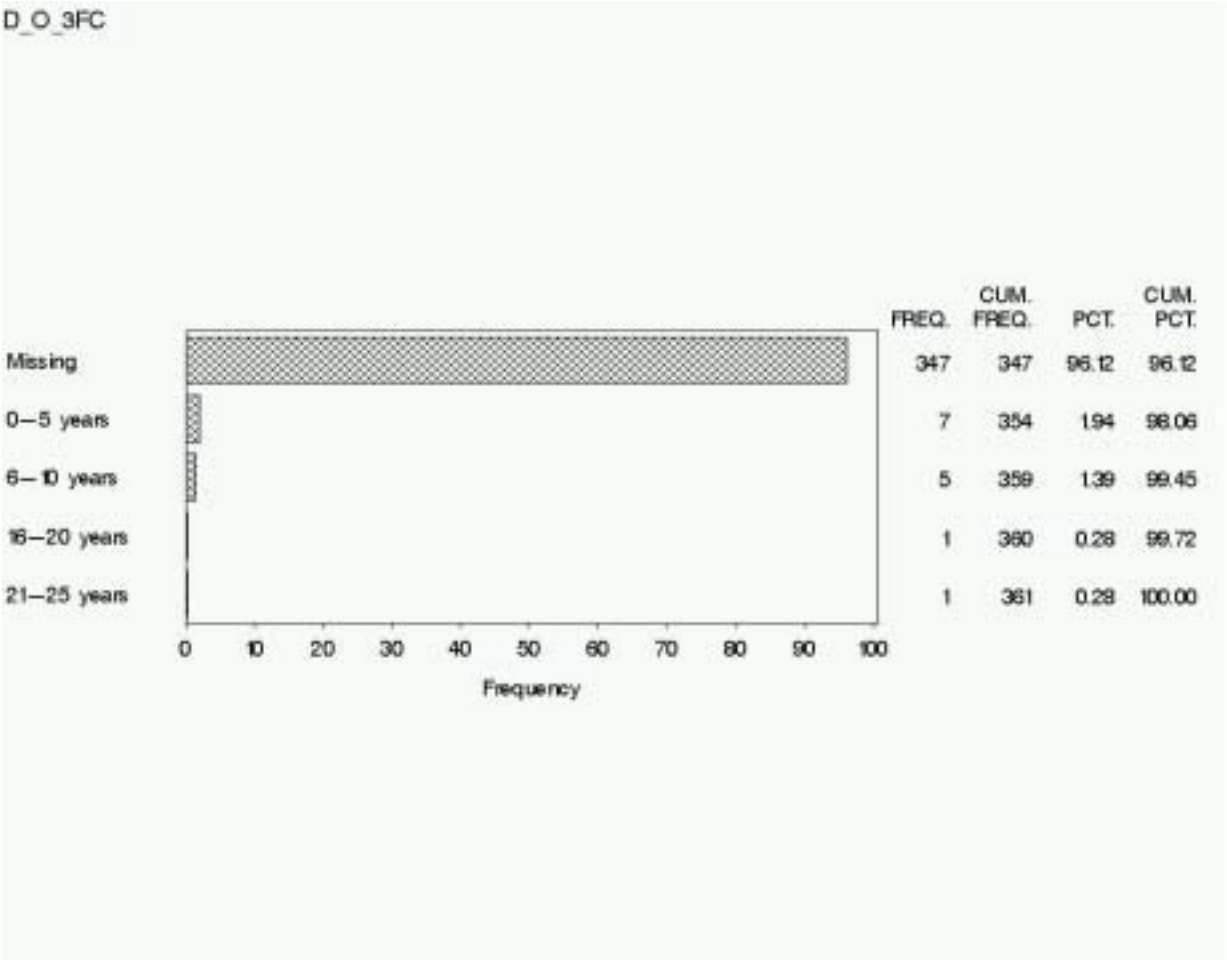
TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; Imputation of missing values were executed in a further step according to Data Format Guide, Part A; (1) time since start of first fixed commitment (years)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
14	347	7.0714286	7.3637813	0	25.0000000	2.0000000	5.0000000	10.0000000

NAME: D_O_4FC

LABEL: Duration of 4th fixed commitment

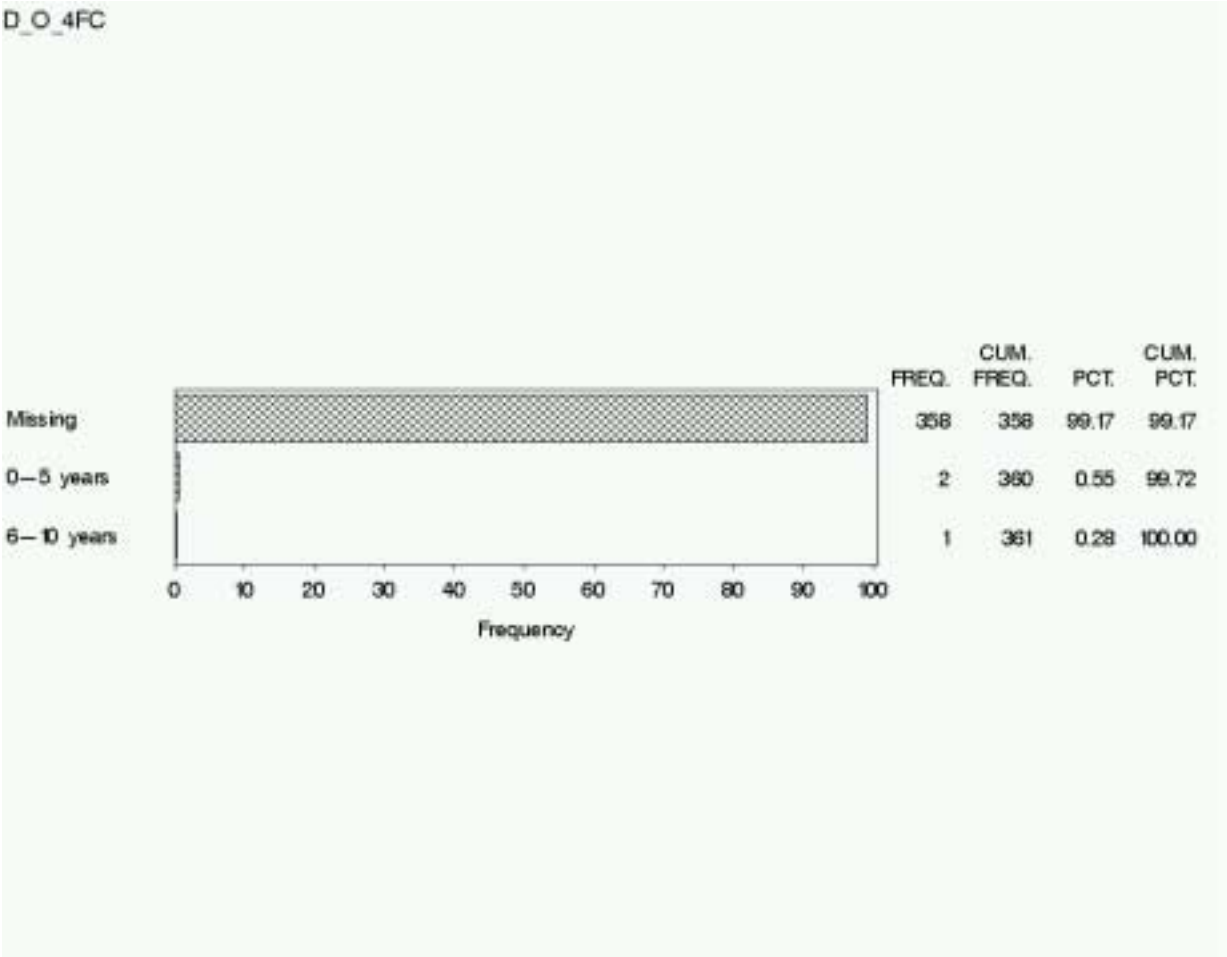
TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; Imputation of missing values were executed in a further step according to Data Format Guide, Part A; (1) time since start of fourth fixed commitment (years)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
3	358	4.0000000	5.2915026	0	10.0000000	0	2.0000000	10.0000000

NAME: EDUC

LABEL: Working status/type of education

TYPE: Numeric / Discrete

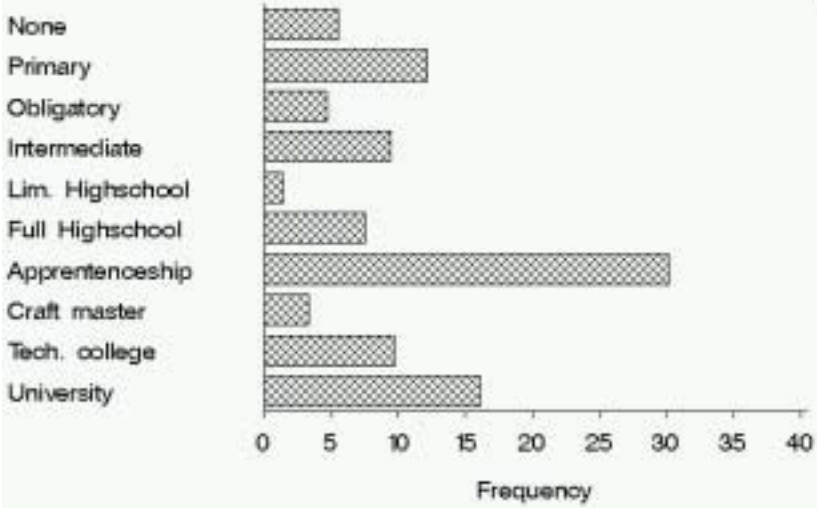
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

EDUC_A, EDUC_B

FREQUENCIES:

EDUC



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	20	20	5.54	5.54
Primary	44	64	12.19	17.73
Obligatory	17	81	4.71	22.44
Intermediate	34	115	9.42	31.86
Lim. Highschool	5	120	1.39	33.24
Full Highschool	27	147	7.48	40.72
Apprentenceship	109	256	30.19	70.91
Craft master	12	268	3.32	74.24
Tech. college	35	303	9.70	83.93
University	58	361	16.07	100.00

NAME: EMPLOYED

LABEL: Employed

TYPE: Numeric / Discrete

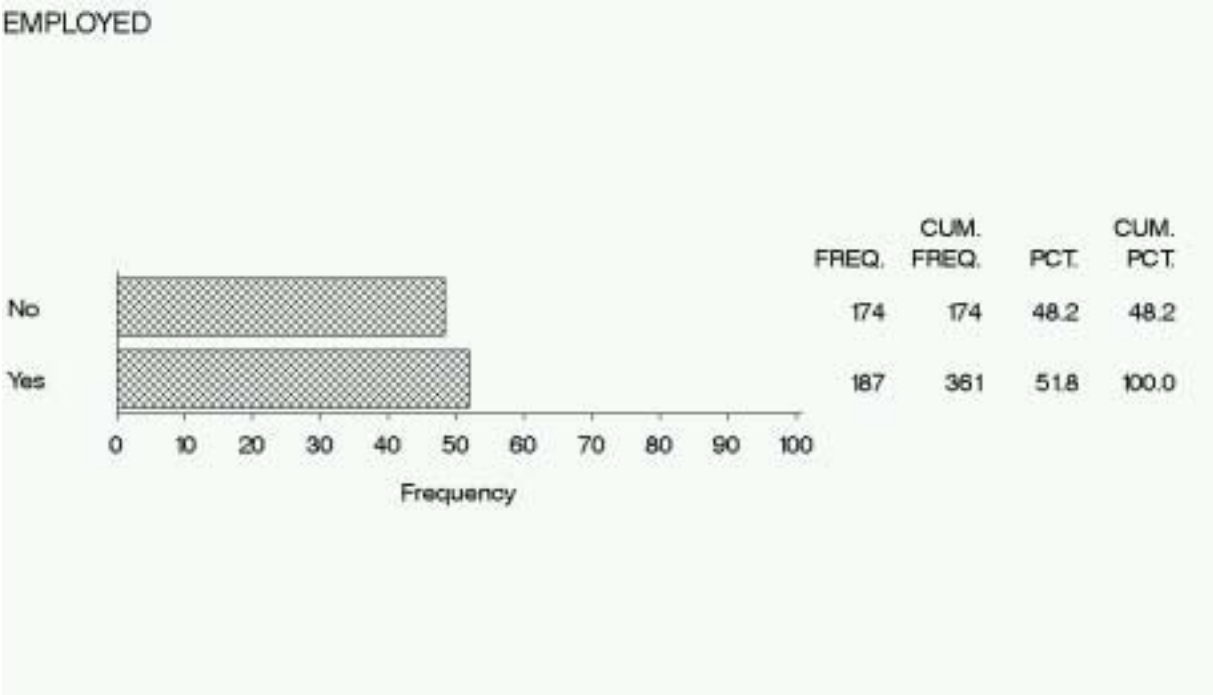
DESCRIPTION / COMMENT:

If working (also in vocational training)

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	174	174	48.2	48.2
Yes	187	361	51.8	100.0

NAME: FIXED_C

LABEL: Fixed commitment

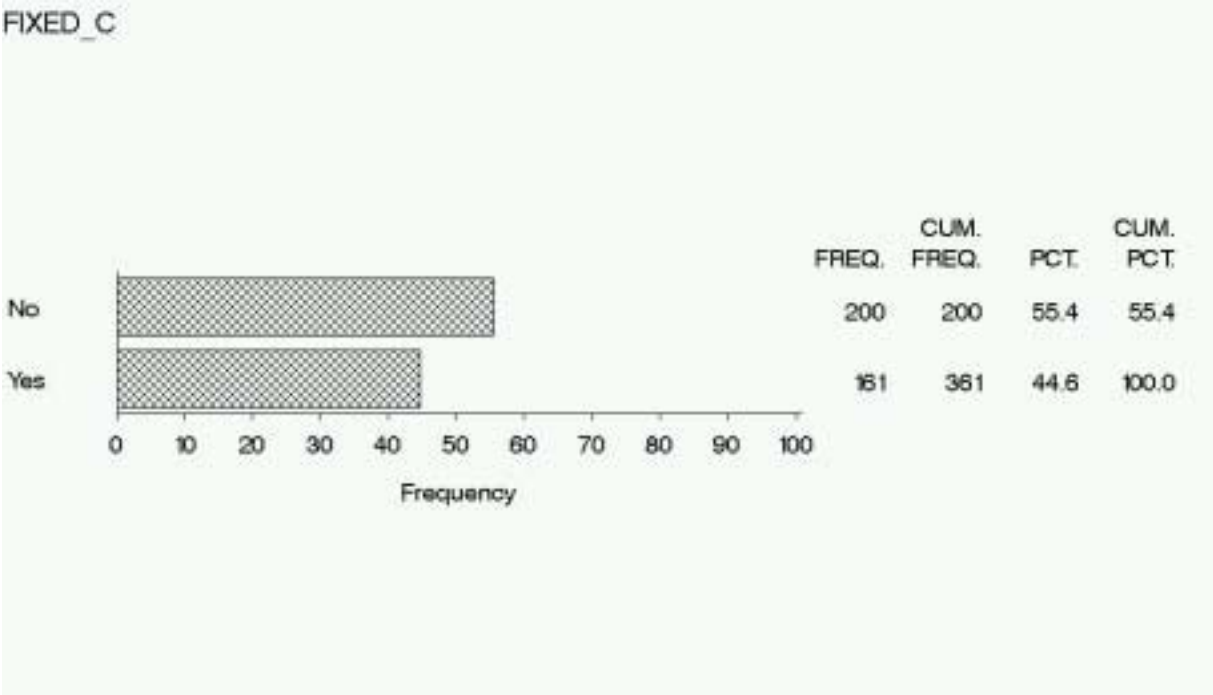
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	200	200	55.4	55.4
Yes	161	361	44.6	100.0

NAME: FURTHER

LABEL: In further education

TYPE: Numeric / Discrete

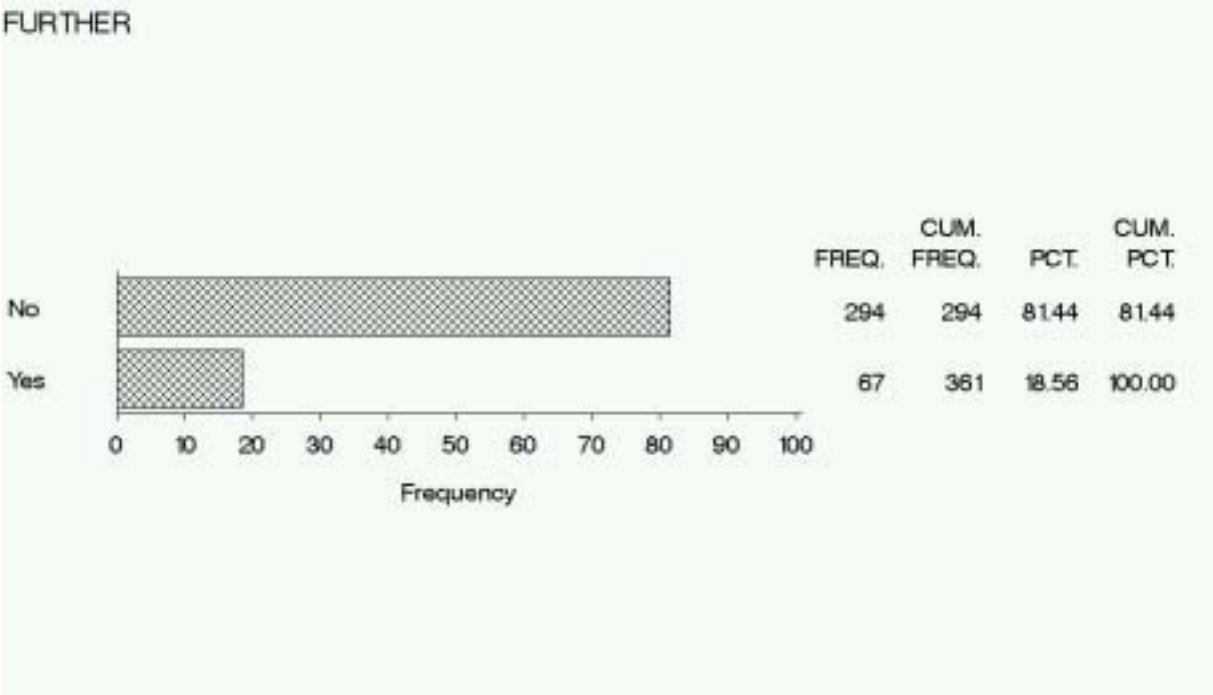
DESCRIPTION / COMMENT:

Concerning vocational training and training courses

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: HH_H

LABEL: Household head

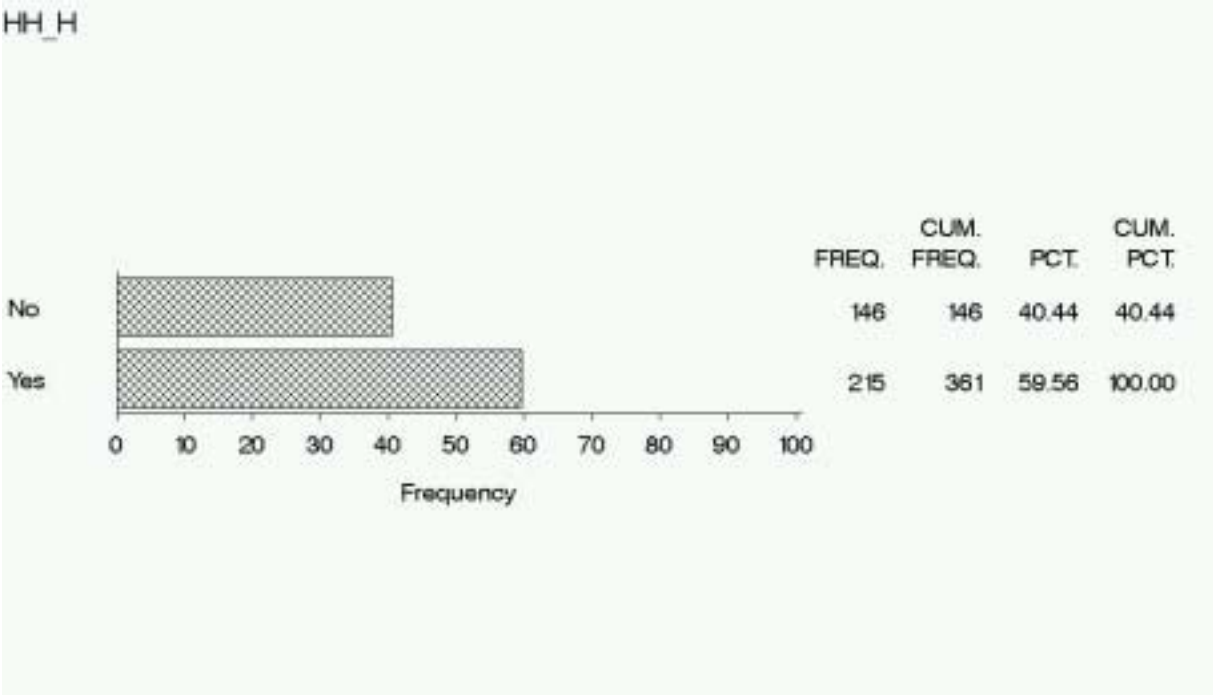
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: HH_NR

LABEL: Household number

TYPE: Numeric

DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: I_O_FC

LABEL: Instances of fixed commitments

TYPE: Numeric / Discrete

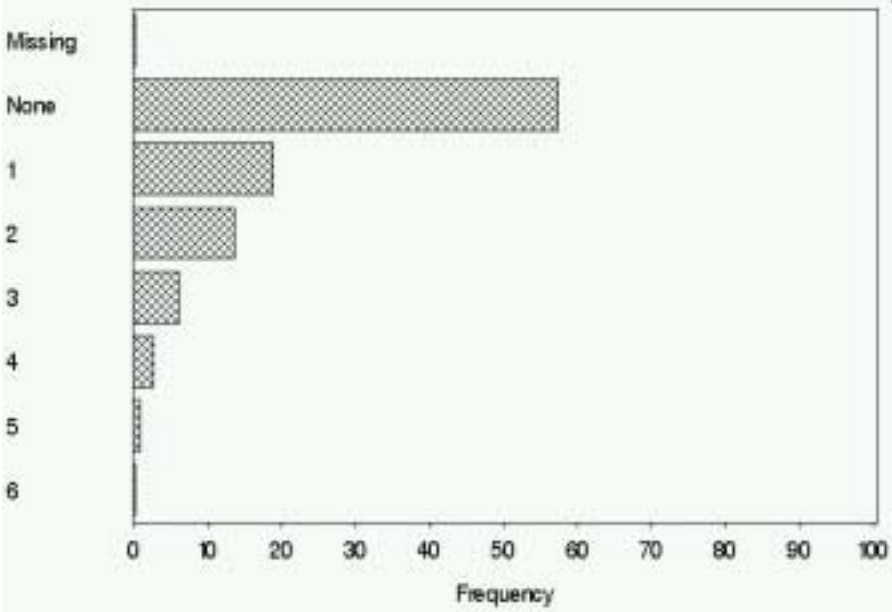
DESCRIPTION / COMMENT:

Frequency of fixed commitments per week

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

I_O_FC



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	1	1	0.28	0.28
None	207	208	57.34	57.62
1	68	276	18.84	76.45
2	49	325	13.57	90.03
3	22	347	6.09	96.12
4	10	357	2.77	98.89
5	3	360	0.83	99.72
6	1	361	0.28	100.00

NAME: K_S_L

LABEL: Kind of season: Local PT

TYPE: Numeric / Discrete

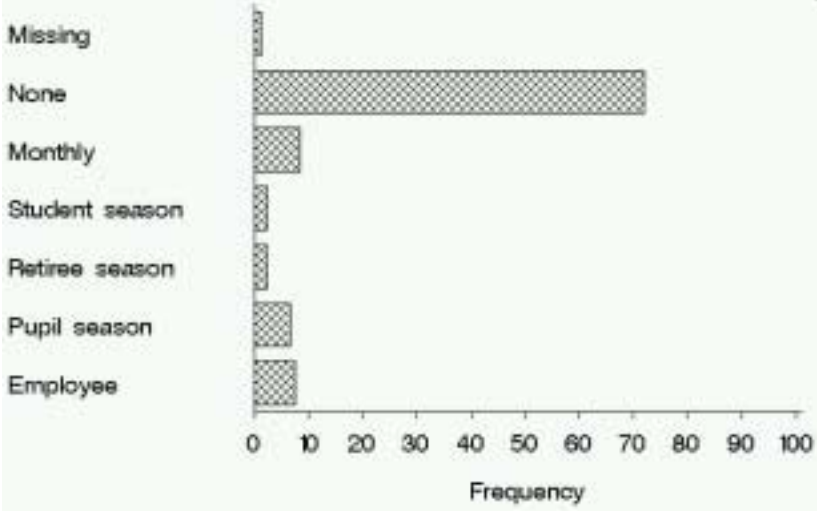
DESCRIPTION / COMMENT:

Kind of season: Local Public Transport; Due to the high number of missing values these values weren't imputed; e.g. monthly, student etc. (see formats)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

K_S_L



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	4	4	1.11	1.11
None	260	264	72.02	73.13
Monthly	30	294	8.31	81.44
Student season	8	302	2.22	83.66
Retiree season	8	310	2.22	85.87
Pupil season	24	334	6.65	92.52
Employee	27	361	7.48	100.00

NAME: LICENCE

LABEL: Licensed

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

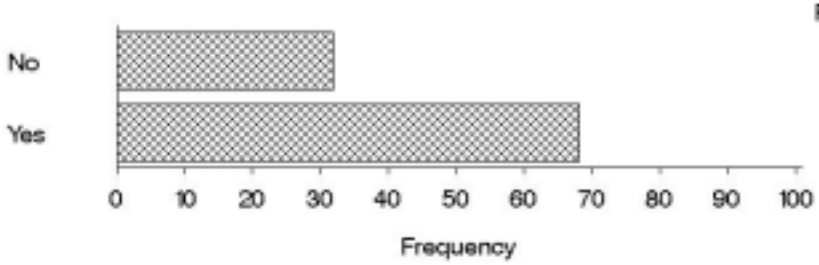
General

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

LICENCE



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	115	115	31.86	31.86
Yes	246	361	68.14	100.00

NAME: LIC_MC

LABEL: MC licence

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

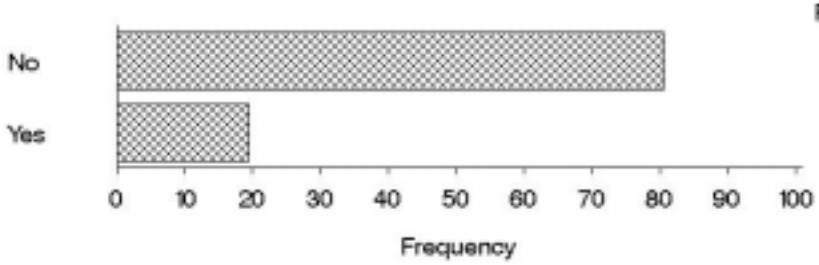
If motor cycle licence

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

LIC_MC



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	291	291	80.61	80.61
Yes	70	361	19.39	100.00

NAME: LIC_VEH

LABEL: Vehicle licensed

TYPE: Numeric / Discrete

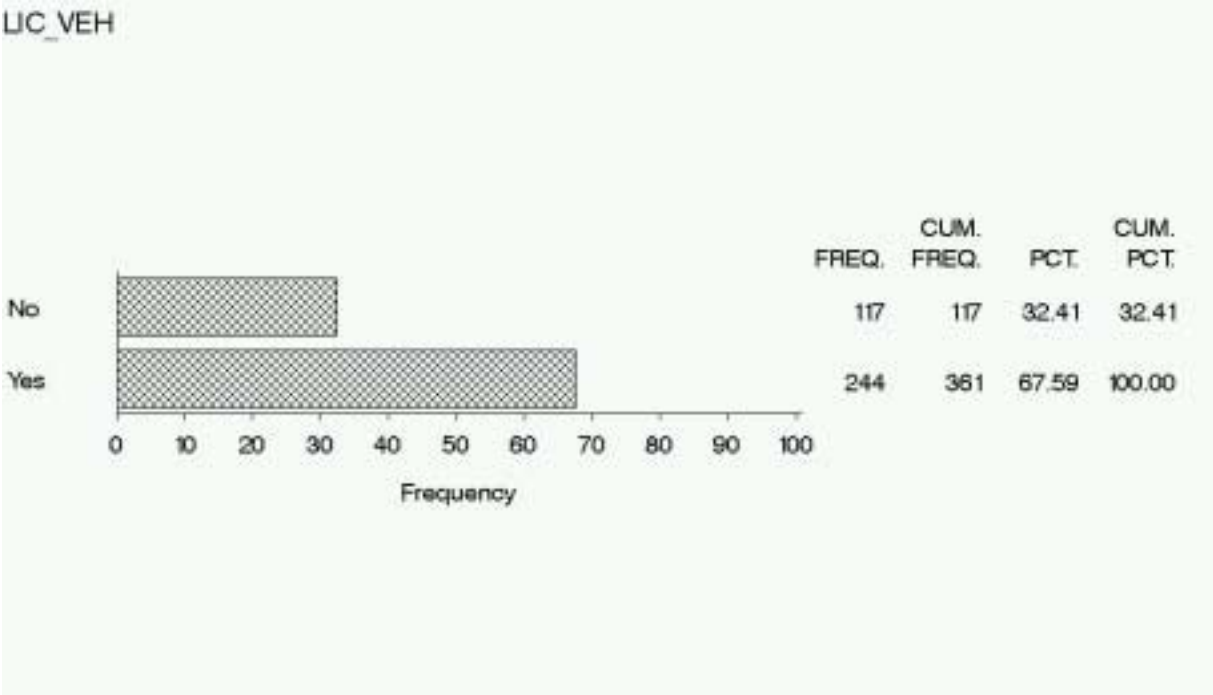
DESCRIPTION / COMMENT:

If car licence

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: MARRIED

LABEL: Married

TYPE: Numeric / Discrete

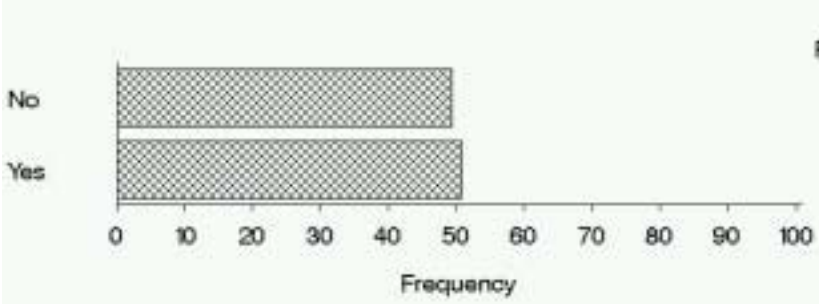
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

MARRIED



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	178	178	49.31	49.31
Yes	183	361	50.69	100.00

NAME: MN_O_PT

LABEL: Mean trips per day

TYPE: Numeric / Continuous

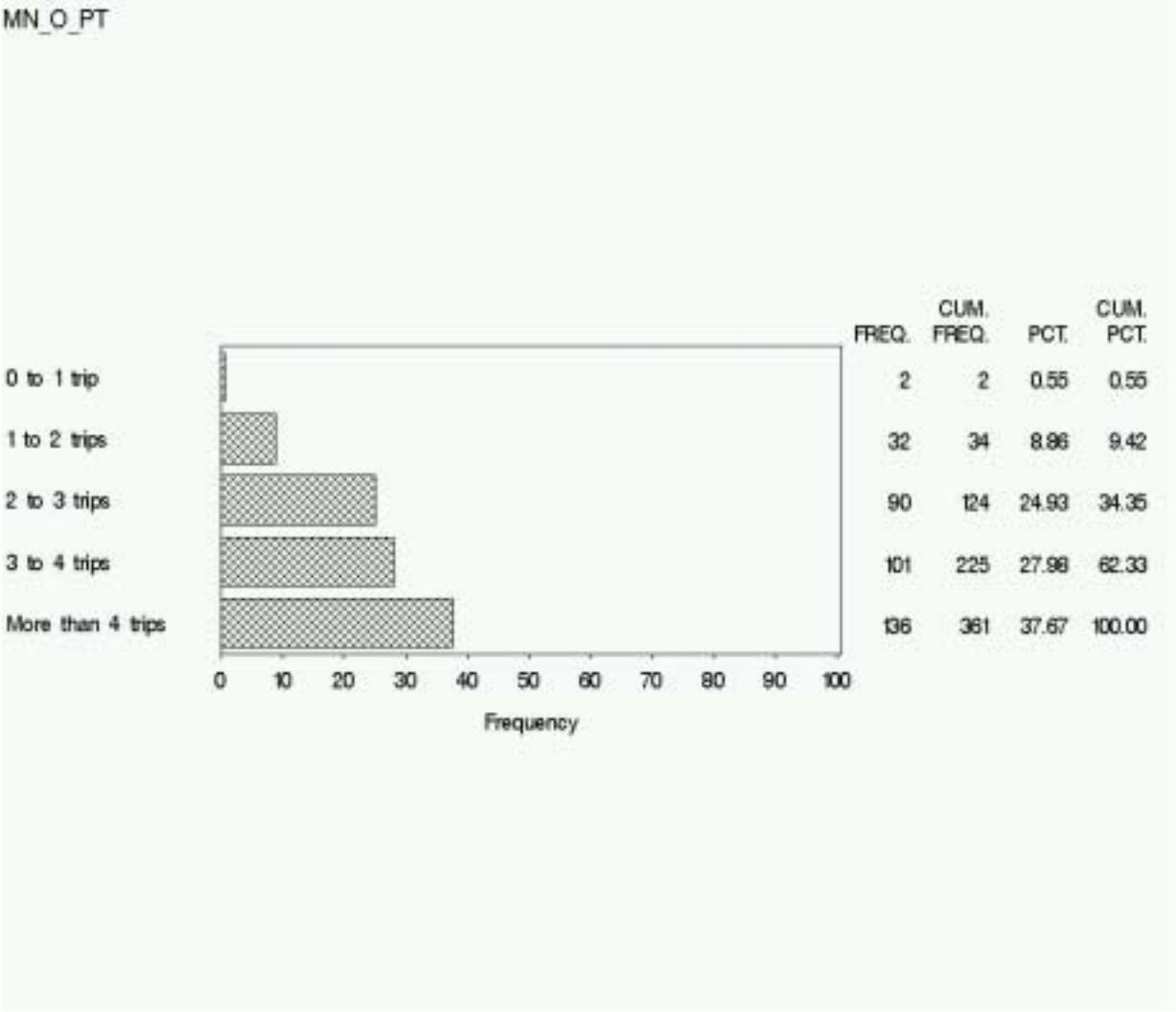
DESCRIPTION / COMMENT:

Mean number of reported person trips per day , calculated by trip file over entire reporting period

RELEVANT FORMAT STATEMENTS:

TRIPSDAY

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
361	0	3.6344068	1.2650014	0.7297297	8.0238095	2.7560976	3.5750000	4.4000000

NAME: M_CAR_U

LABEL: Main car user

TYPE: Numeric / Discrete

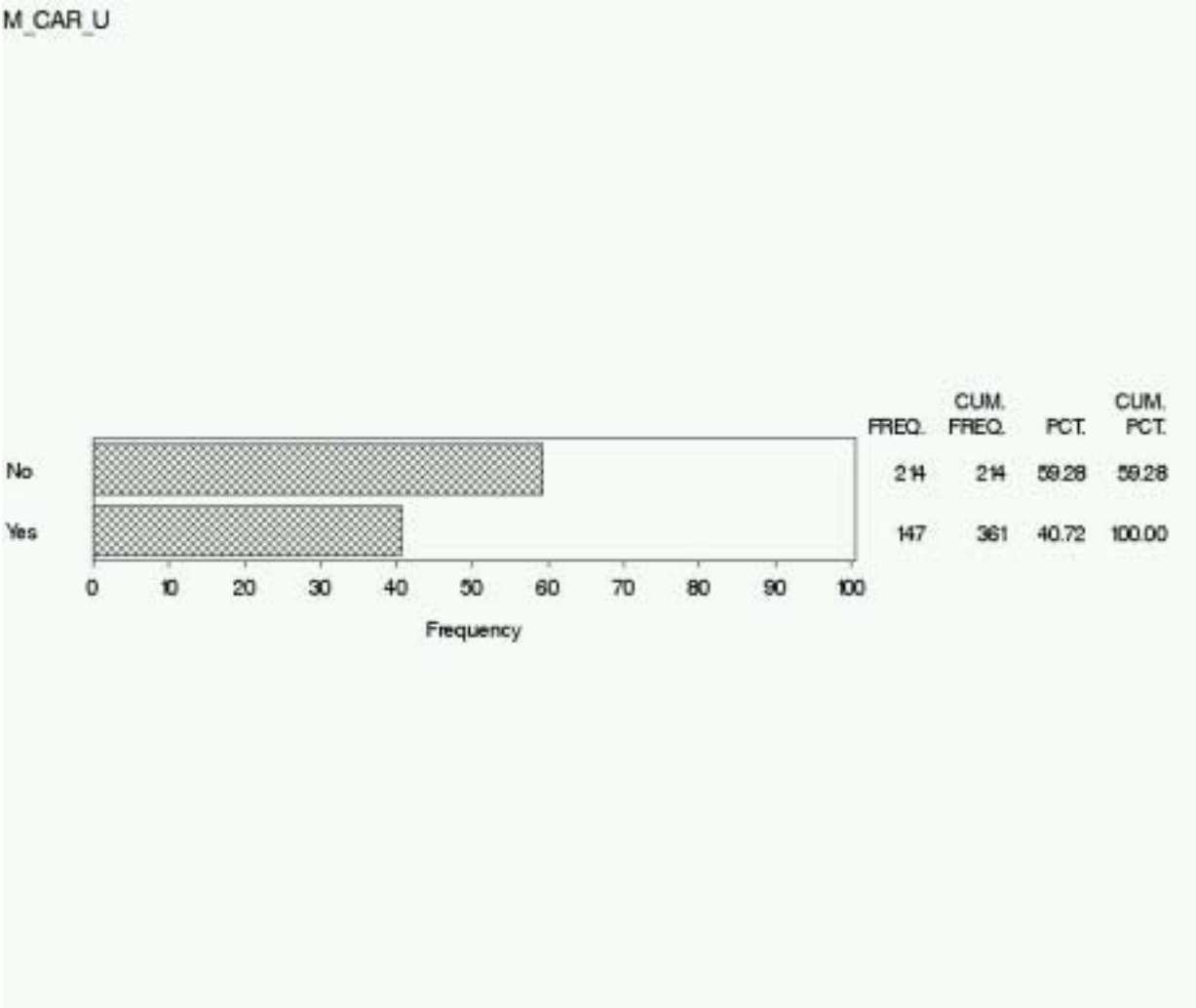
DESCRIPTION / COMMENT:

1 if main car user of one of the household cars, based on examination of vehicle data

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: NAT

LABEL: National

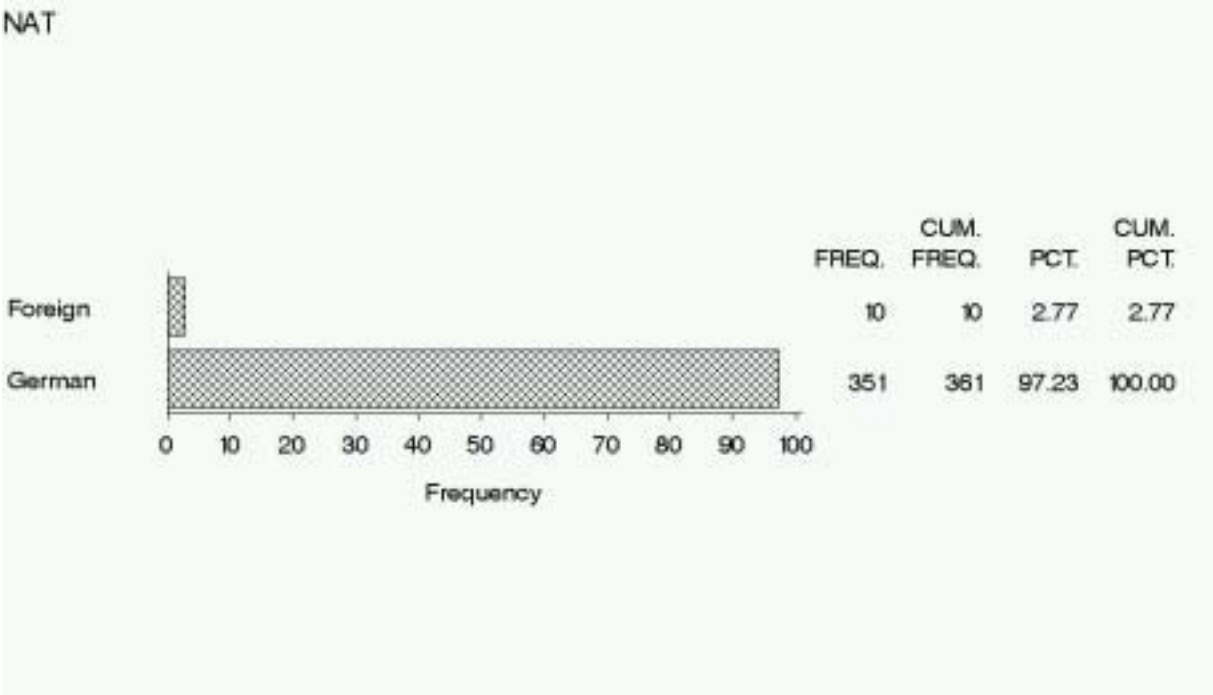
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

NAT_A

FREQUENCIES:



NAME: N_O_C

LABEL: Number of courses

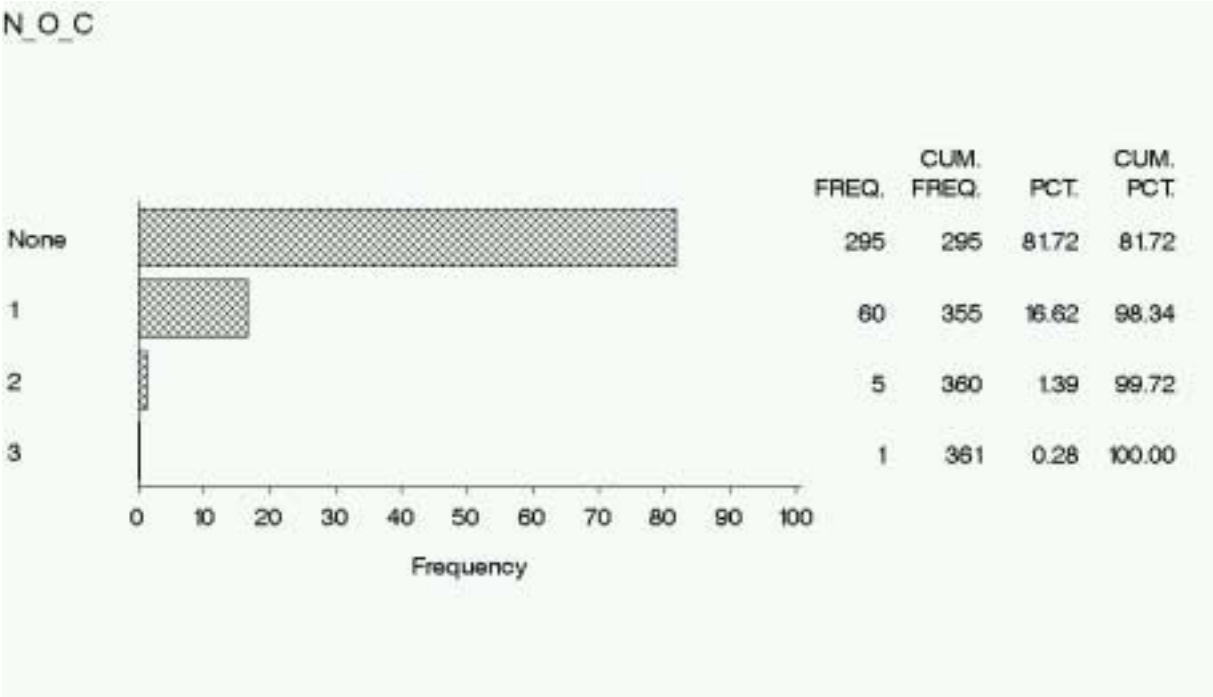
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

(2)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	295	295	81.72	81.72
1	60	355	16.62	98.34
2	5	360	1.39	99.72
3	1	361	0.28	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_C	361	0	0.20	0.45	0.00	3.00	0.00	0.00	0.00

NAME: N_O_CH

LABEL: Number of course hours

TYPE: Numeric / Continuous

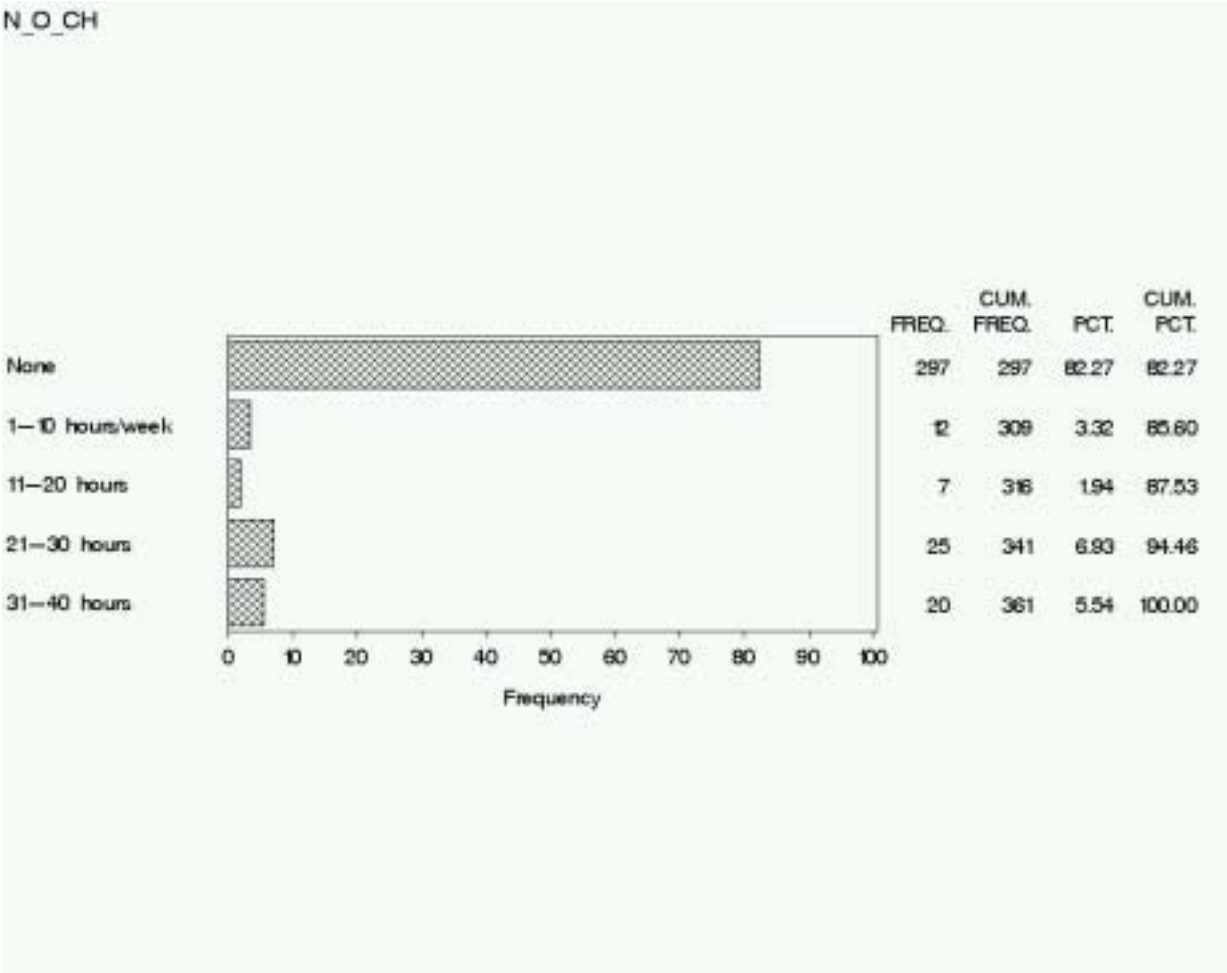
DESCRIPTION / COMMENT:

(2) To calculate summary statistics structural missings were excluded; Imputation of missing values were executed in a further step according to; Data Format Guide, Part A

RELEVANT FORMAT STATEMENTS:

WORK_H

FREQUENCIES:



SUMMARY STATISTICS

N	N Miss	Mean	Std Dev	Lower Minimum	Upper Maximum	Quartile	Median	Quartile
361	0	4.3601108	10.4866563	0	40.0000000	0	0	0

NAME: N_O_FC

LABEL: Number of fixed commitments

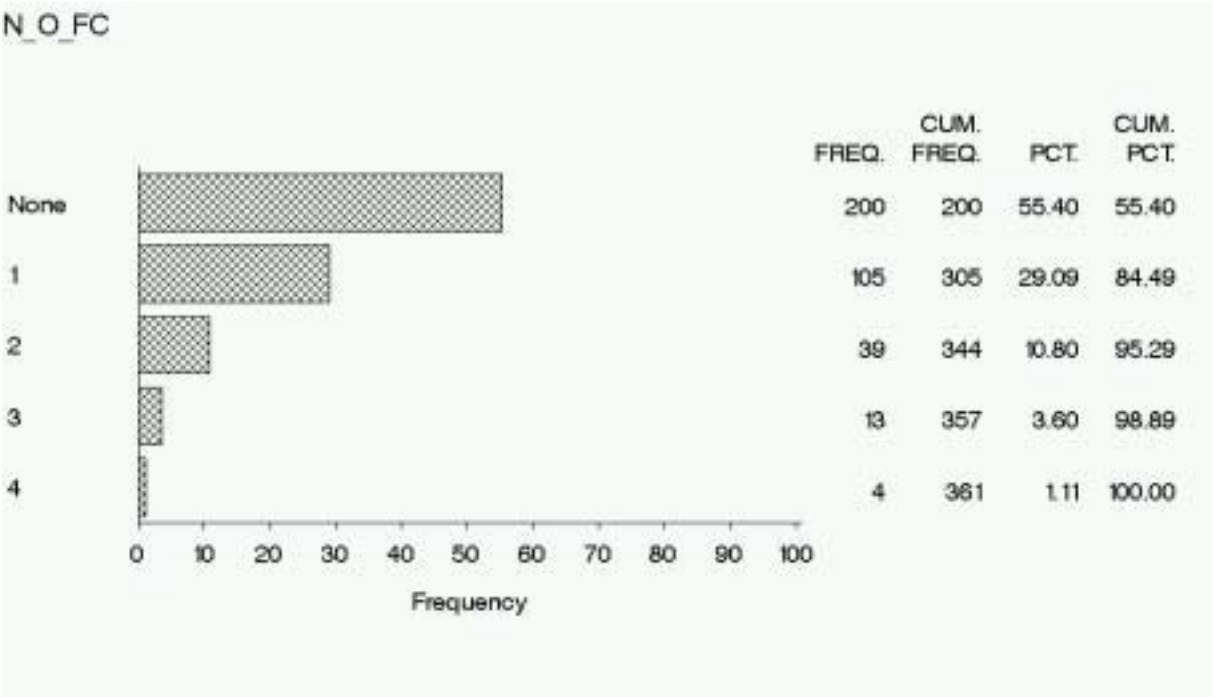
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; amount of fixed commitments

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_FC	361	0	0.66	0.89	0.00	4.00	0.00	0.00	1.00

NAME: N_O_FCH

LABEL: Number of fixed commitment hours

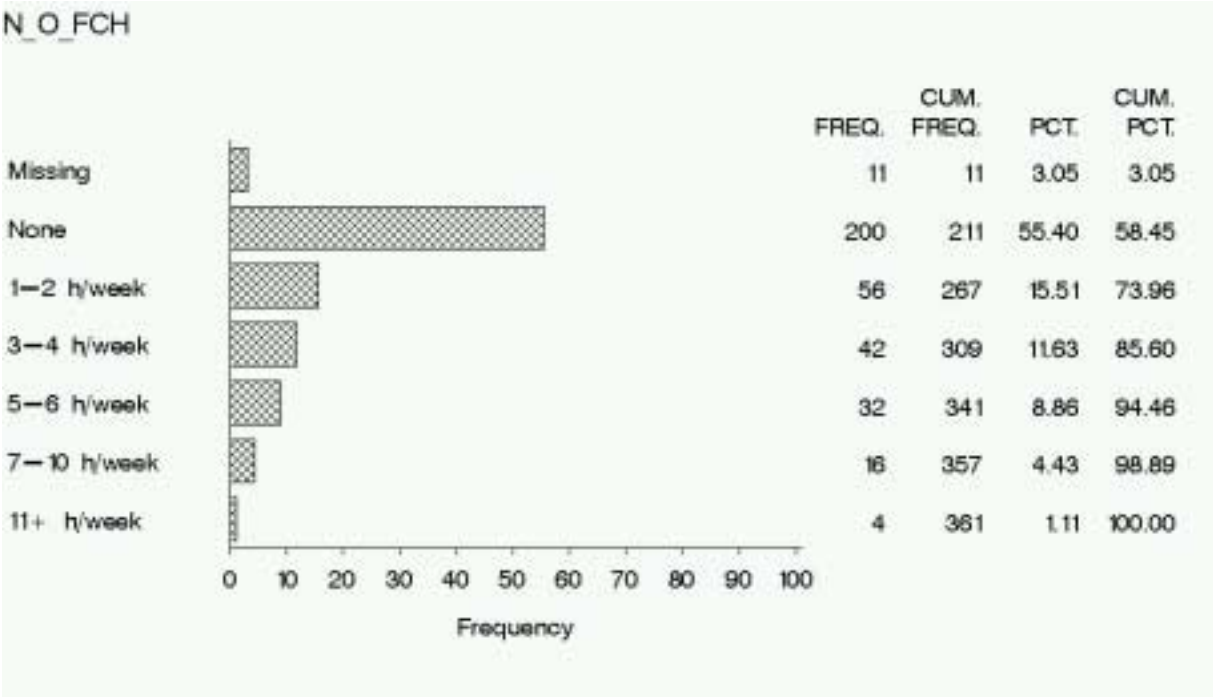
TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; Imputation of missing values were executed in a further step according to Data Format Guide, Part A; of all considered fixed commitments

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	11	11	3.05	3.05
None	200	211	55.40	58.45
1–2 h/week	56	267	15.51	73.96
3–4 h/week	42	309	11.63	85.60
5–6 h/week	32	341	8.86	94.46
7–10 h/week	16	357	4.43	98.89
11+ h/week	4	361	1.11	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_FCH	350	11	4.193333	3.337195	1.00	28.00	2.00	3.00	5.00

NAME: N_O_J

LABEL: Number of jobs

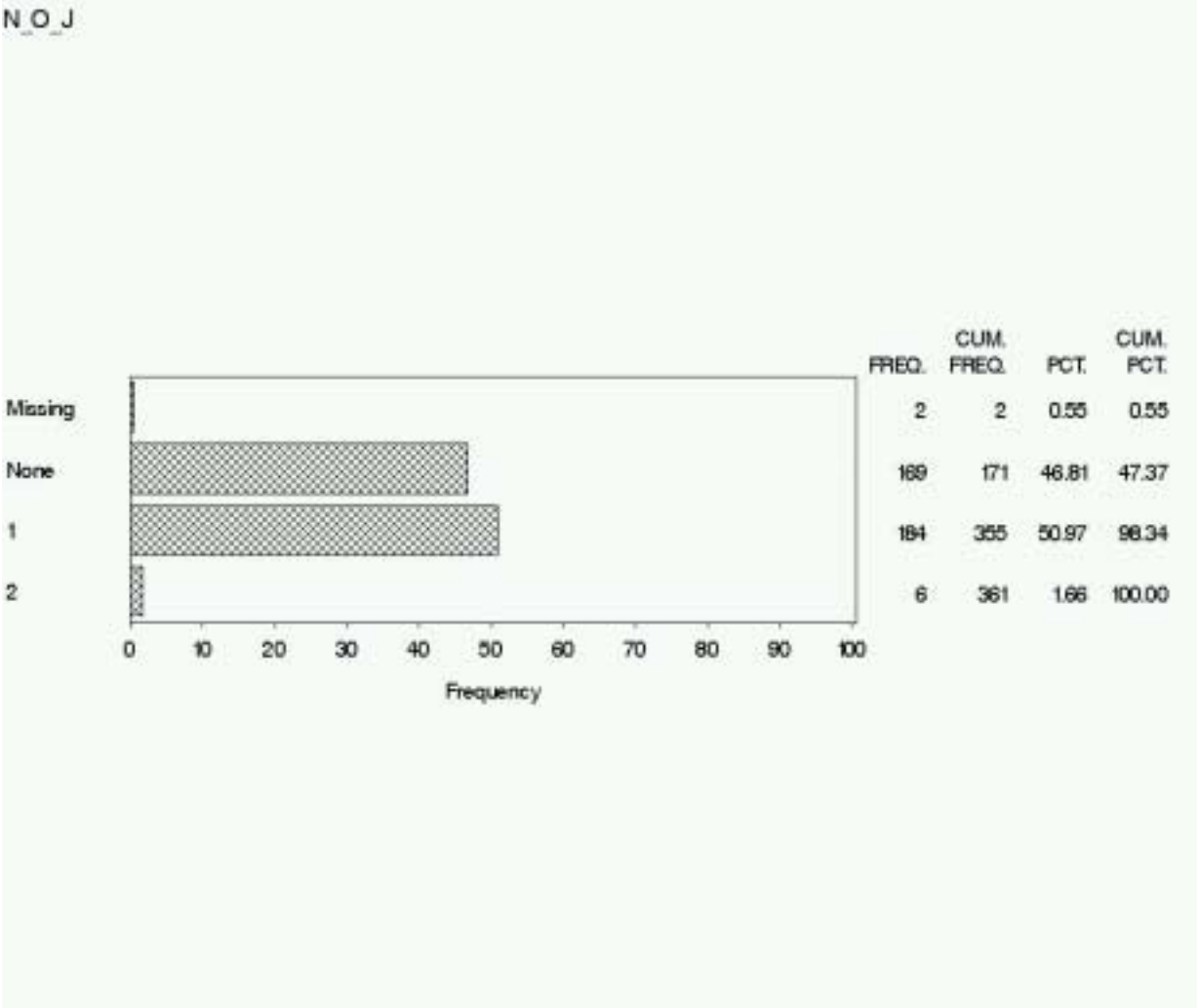
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A; concerning contracts

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
359	2	0.5459610	0.5311305	0	2.0000000	0	1.0000000	1.0000000

NAME: N_O_LIC

LABEL: Number of licences

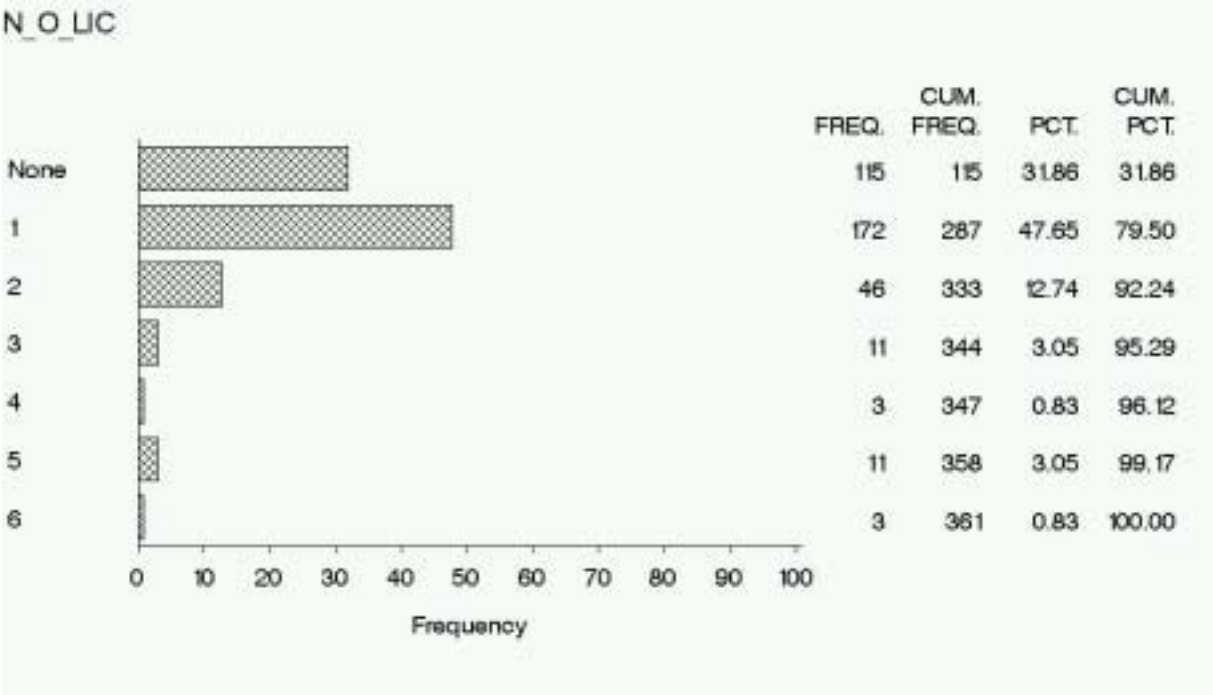
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

All possible licences

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	115	115	31.86	31.86
1	172	287	47.65	79.50
2	46	333	12.74	92.24
3	11	344	3.05	95.29
4	3	347	0.83	96.12
5	11	358	3.05	99.17
6	3	361	0.83	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_LIC	361	0	1.06	1.16	0.00	6.00	0.00	1.00	1.00

NAME: N_O_PTC

LABEL: Number of seasons

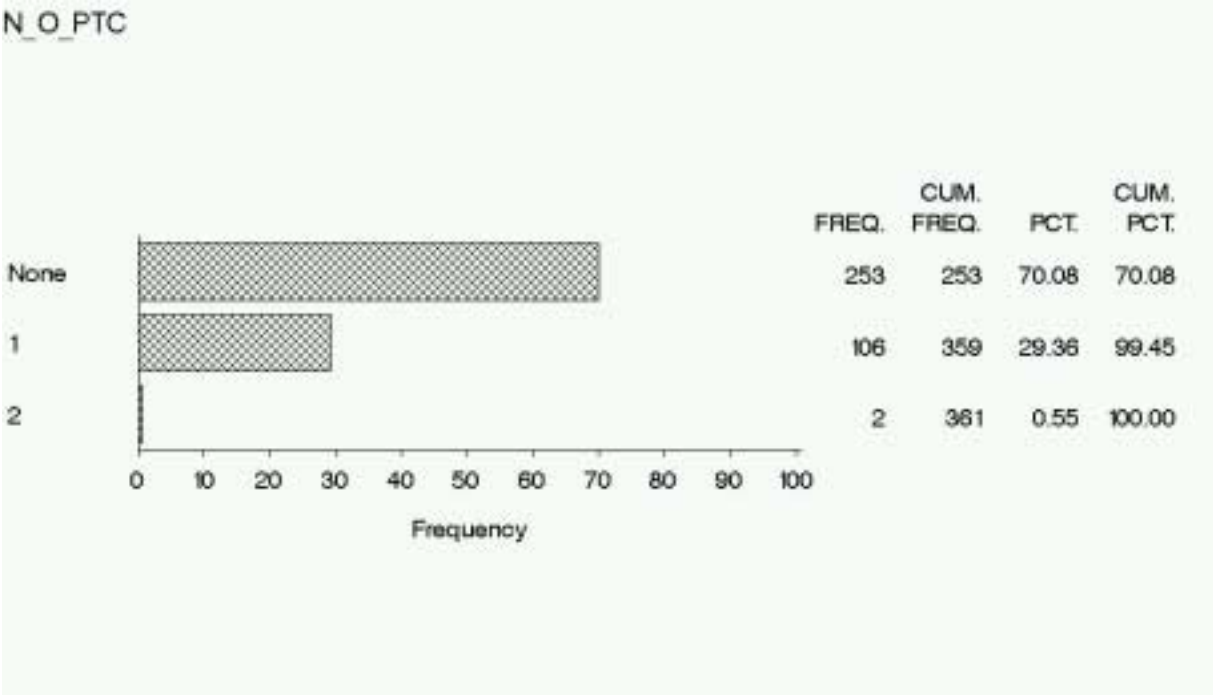
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Number of season tickets; concerning local transport network

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
N_O_PTC	361	0	0.30	0.47	0.00	2.00	0.00	0.00	1.00

NAME: N_O_WH

LABEL: Number of working hours

TYPE: Numeric / Continuous

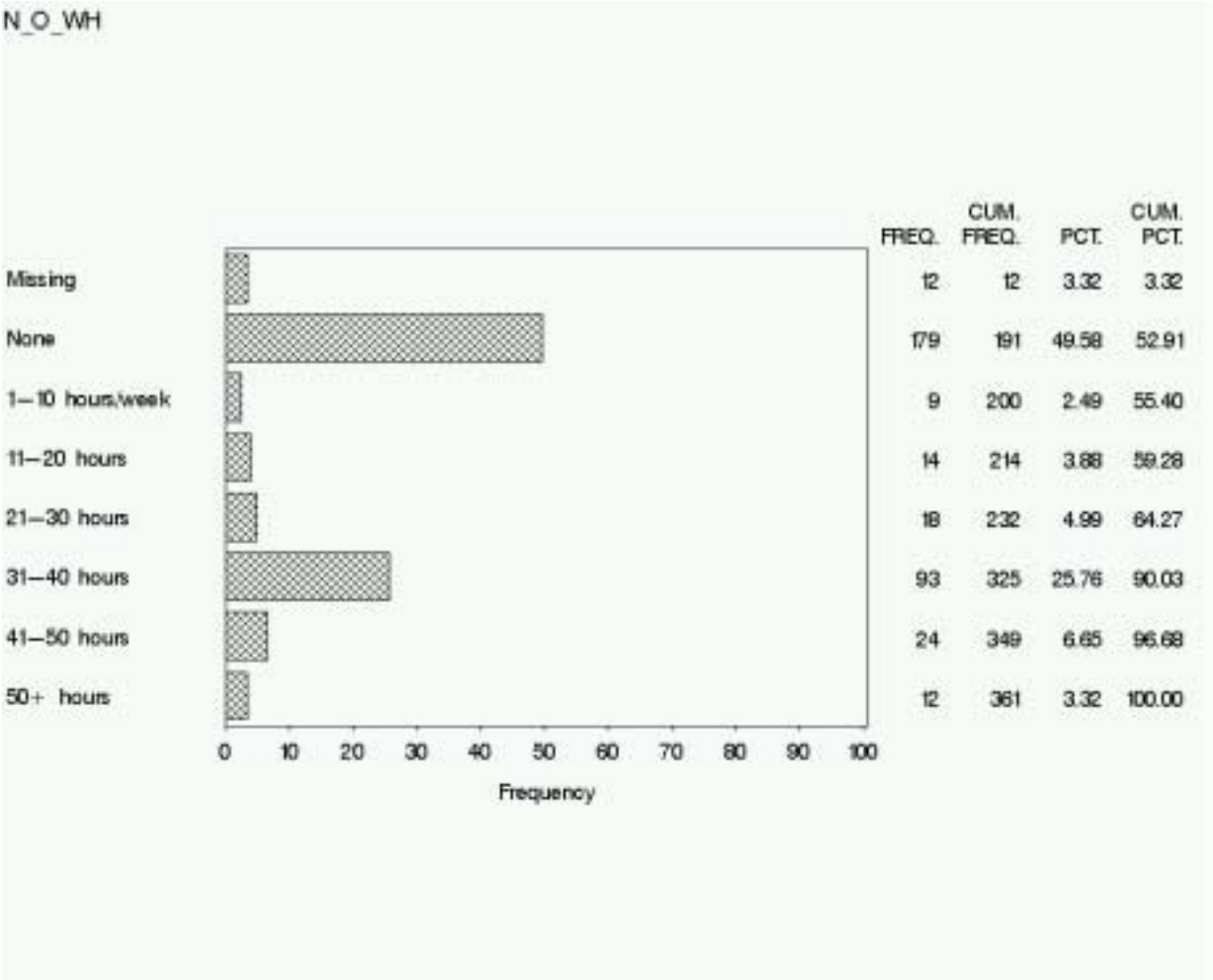
DESCRIPTION / COMMENT:

To calculate summary statistics structural missings were excluded; imputation of missing values were executed in a further step according to Data Format Guide, Part A; of all considered jobs

RELEVANT FORMAT STATEMENTS:

HOURS_A, HOURS_B

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
349	12	18.0515759	20.4030559	0	70.0000000	0	0	40.0000000

NAME: N_O_WP

LABEL: Number of working places

TYPE: Numeric / Discrete

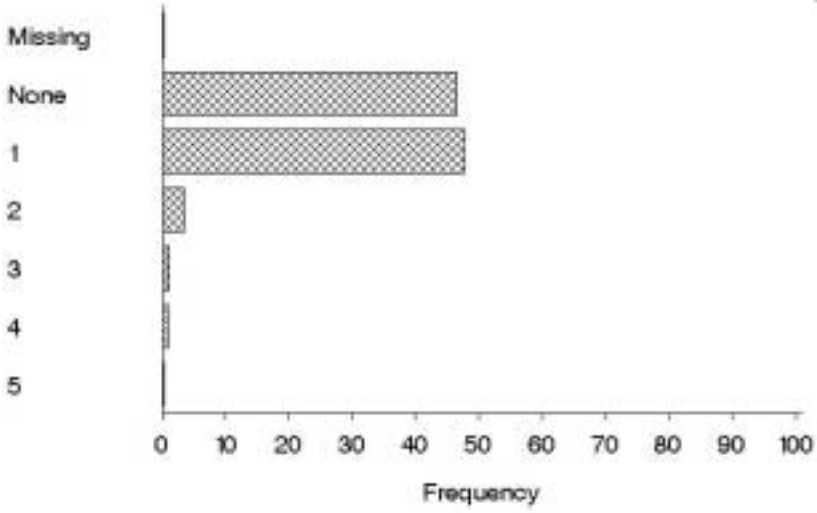
DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A; concerning different locations/places

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

N_O_WP



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	1	1	0.28	0.28
None	168	169	46.54	46.81
1	172	341	47.65	94.46
2	12	353	3.32	97.78
3	4	357	1.11	98.89
4	3	360	0.83	99.72
5	1	361	0.28	100.00

NAME: PARENT

LABEL: Parent

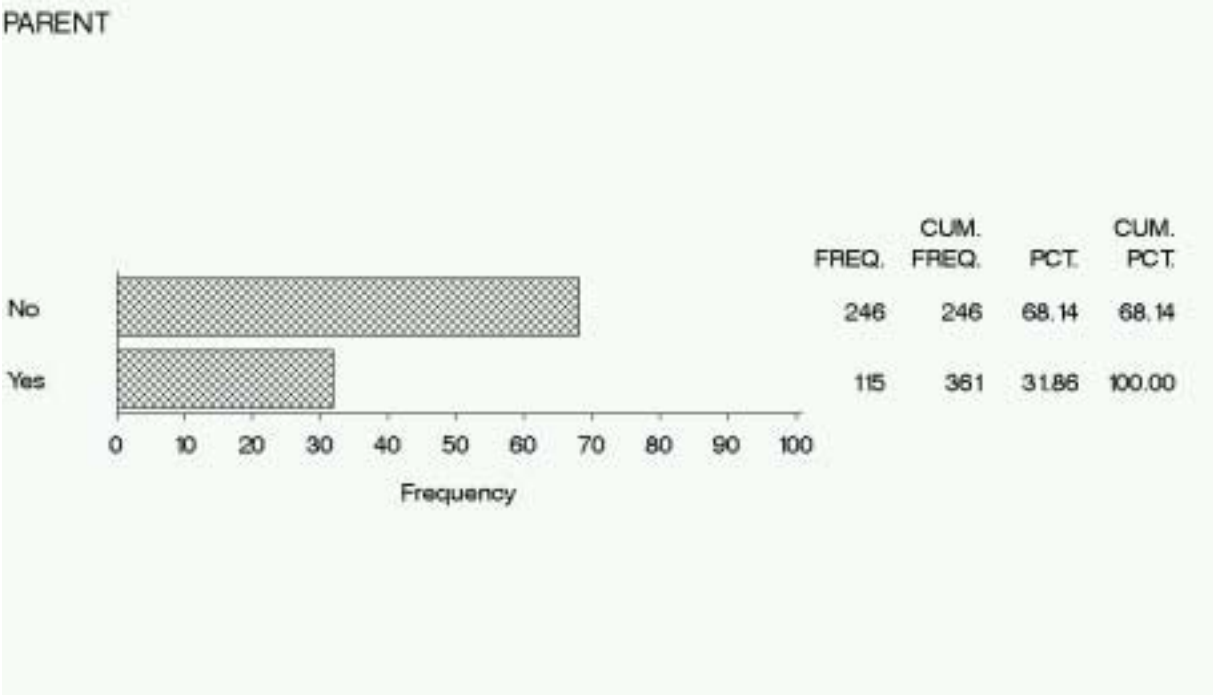
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	246	246	68.14	68.14
Yes	115	361	31.86	100.00

NAME: PARTY

LABEL: Member of political party, etc

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

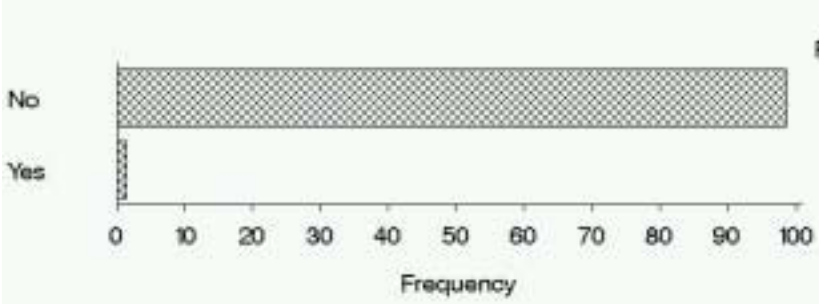
If fixed commitment is party membership

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

PARTY



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	356	356	98.61	98.61
Yes	5	361	1.39	100.00

NAME: P_NR

LABEL: Person number

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: SCHOOL

LABEL: School education

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

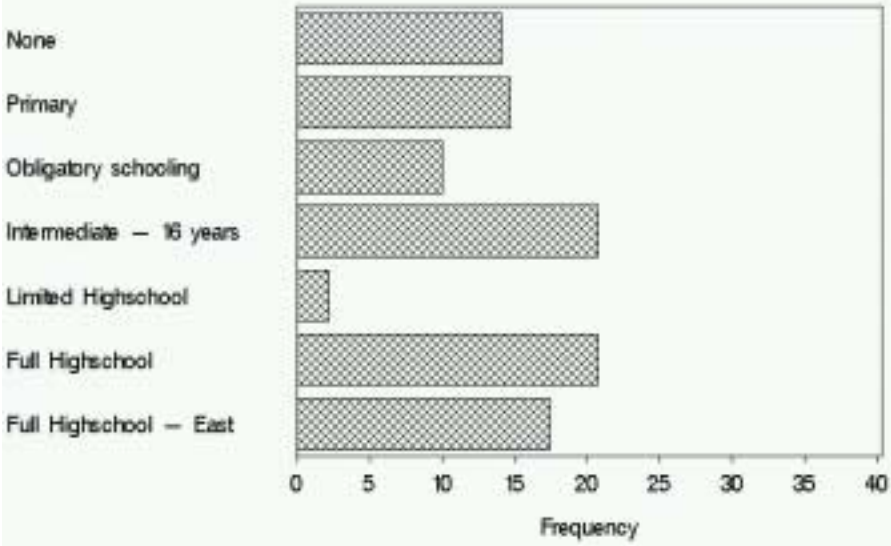
Highest school degree

RELEVANT FORMAT STATEMENTS:

SCHOOL_A, SCHOOL_B

FREQUENCIES:

SCHOOL



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	51	51	14.13	14.13
Primary	53	104	14.68	28.81
Obligatory schooling	36	140	9.97	38.78
Intermediate — 16 years	75	215	20.78	59.56
Limited Highschool	8	223	2.22	61.77
Full Highschool	75	298	20.78	82.55
Full Highschool — East	63	361	17.45	100.00

NAME: SEASON_L

LABEL: Season: Local PT

TYPE: Numeric / Discrete

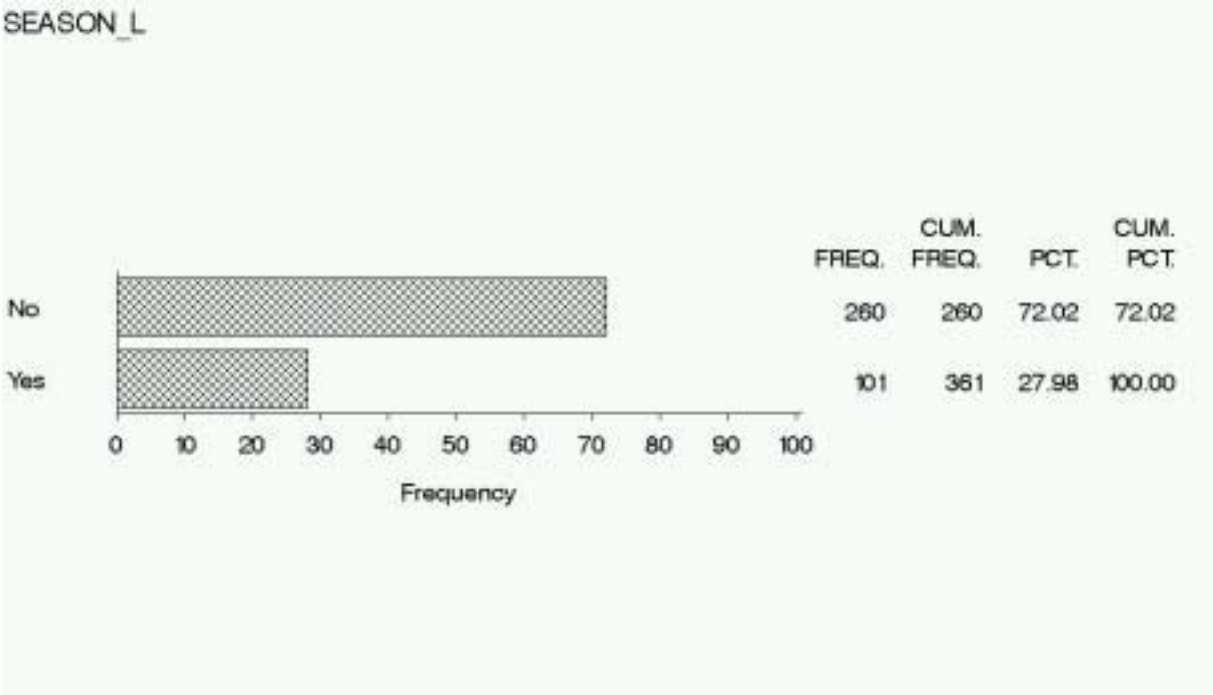
DESCRIPTION / COMMENT:

Season public transport (local public transport network)

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: SEASON_R

LABEL: Season: Heavy rail

TYPE: Numeric / Discrete

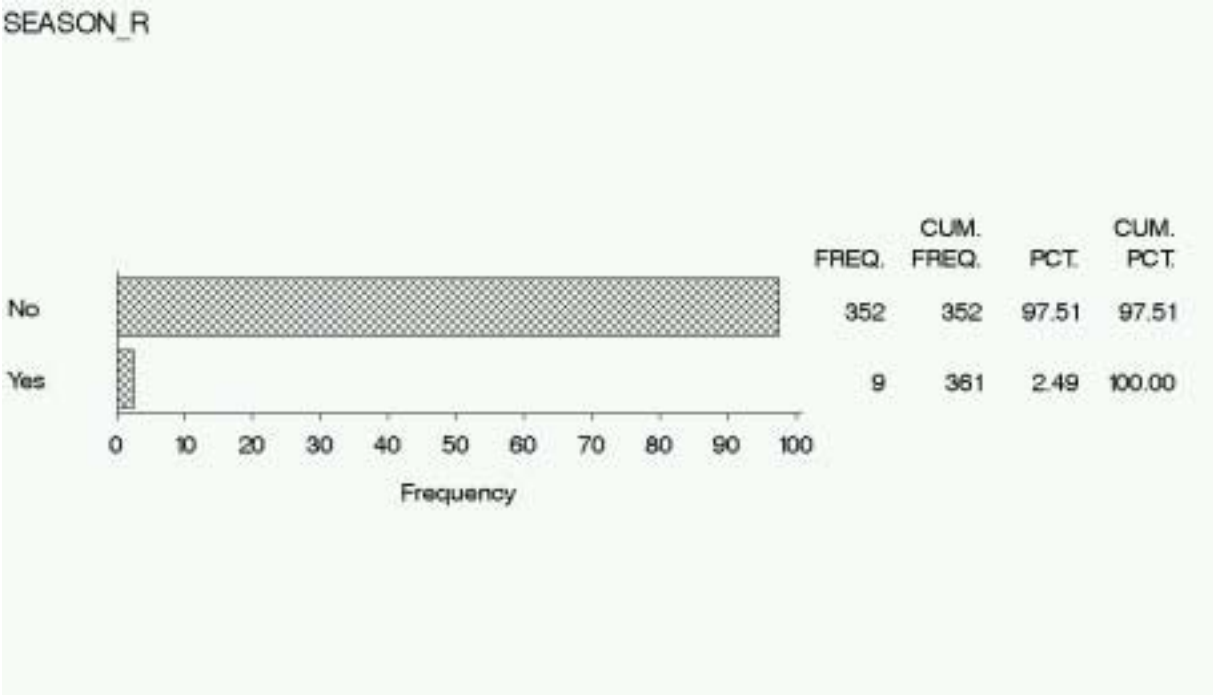
DESCRIPTION / COMMENT:

Deutsche Bahn (German Rail) season ticket

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: SERVICE

LABEL: Support outside home

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

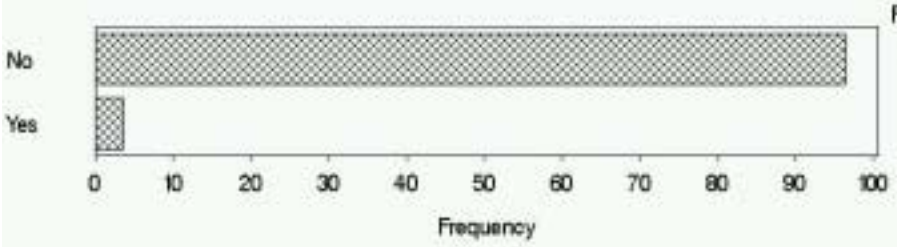
If fixed commitment is helping relatives and friends

RELEVANT FORMAT TRANSPORT:

YN

FREQUENCIES:

SERVICE



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	348	348	96.4	96.4
Yes	13	361	3.6	100.0

NAME: SEX

LABEL: Sex

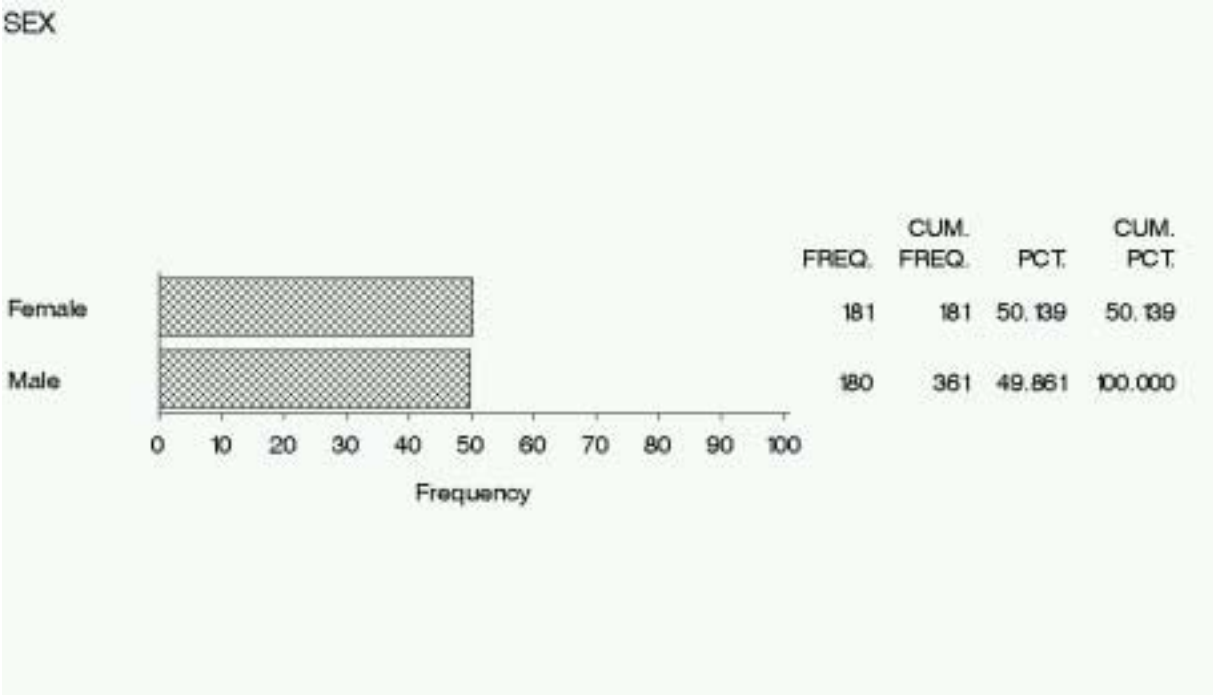
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

SEX_A, SEX_A_D, SEX_B

FREQUENCIES:



NAME: STATUS

LABEL: Working status/type of education

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

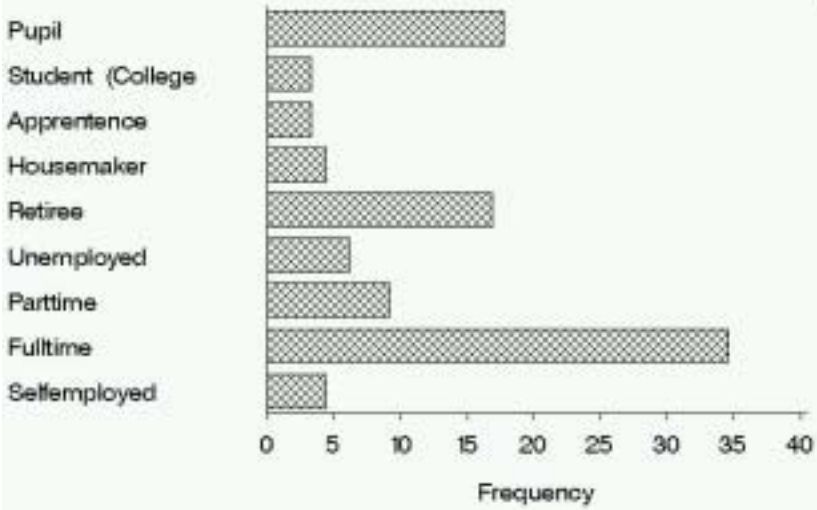
See formats

RELEVANT FORMAT STATEMENTS:

STATUS_A, STATUS_B, STATUS C

FREQUENCIES:

STATUS



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Pupil	64	64	17.73	17.73
Student (College	12	76	3.32	21.05
Apprentence	12	88	3.32	24.38
Housemaker	16	104	4.43	28.81
Retiree	61	165	16.90	45.71
Unemployed	22	187	6.09	51.80
Parttime	33	220	9.14	60.94
Fulltime	125	345	34.63	95.57
Selfemployed	16	361	4.43	100.00

NAME: STUDENT

LABEL: In Education

TYPE: Numeric / Discrete

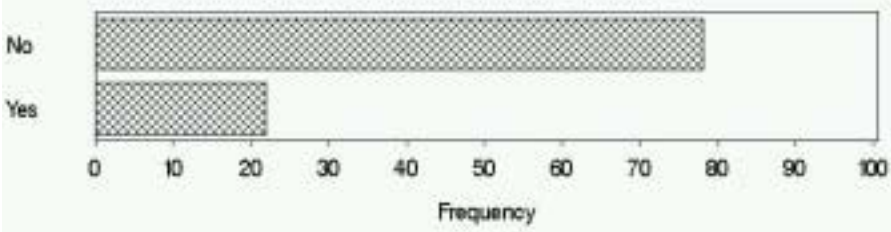
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

STUDENT



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	282	282	78.12	78.12
Yes	79	361	21.88	100.00

NAME: STUDYCOD

LABEL: Studycod

TYPE: Numeric

DESCRIPTION / COMMENT:

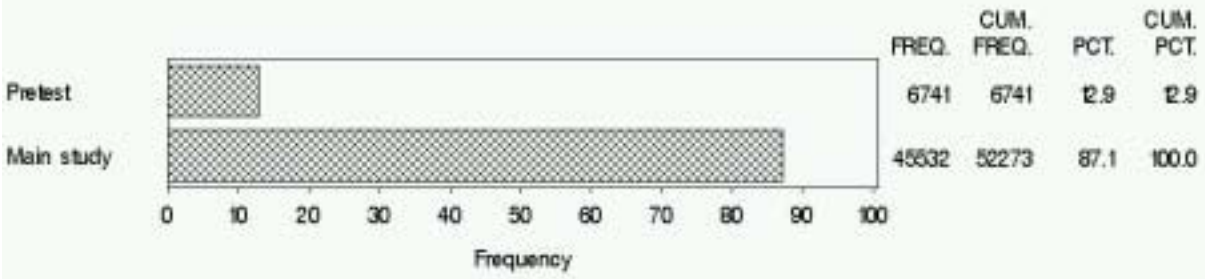
Index variable

RELEVANT FORMAT STATEMENTS:

STUDYCOD

FREQUENCIES:

STUDYCOD



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Pretest	6741	6741	12.9	12.9
Main study	45532	52273	87.1	100.0

NAME: TEACH

LABEL: Voluntary teacher

TYPE: Numeric / Discrete

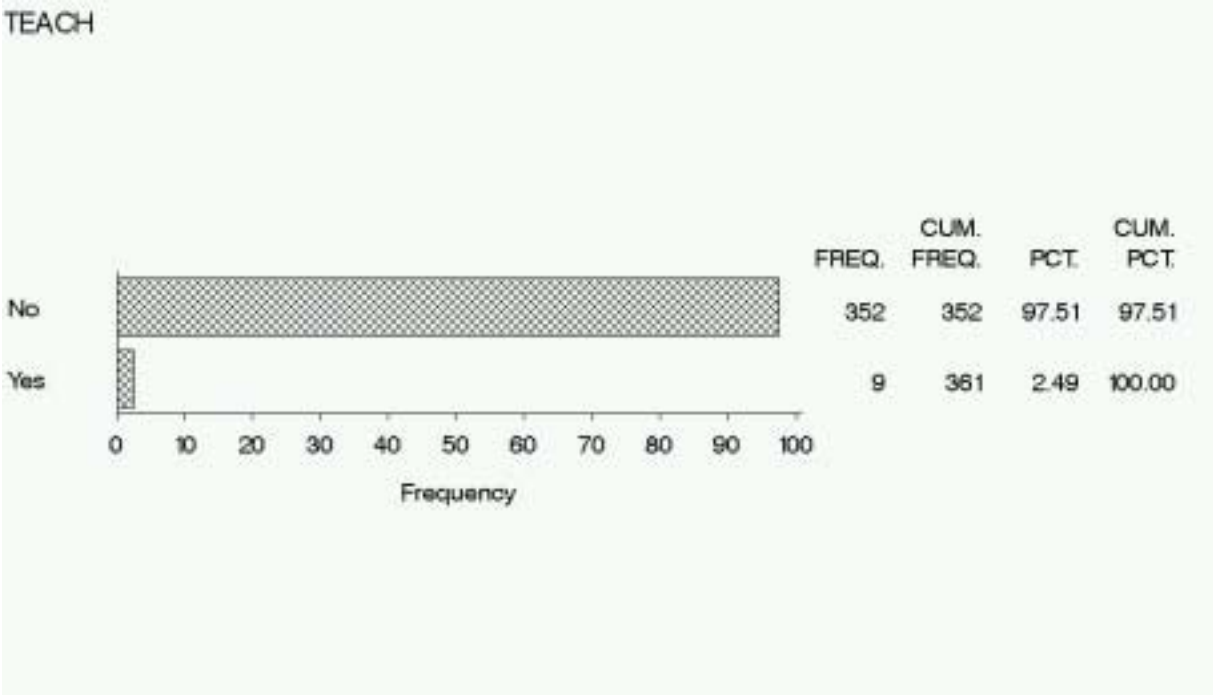
DESCRIPTION / COMMENT:

If fixed commitment is voluntary teaching

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	352	352	97.51	97.51
Yes	9	361	2.49	100.00

NAME: TERT

LABEL: Tertiary education

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

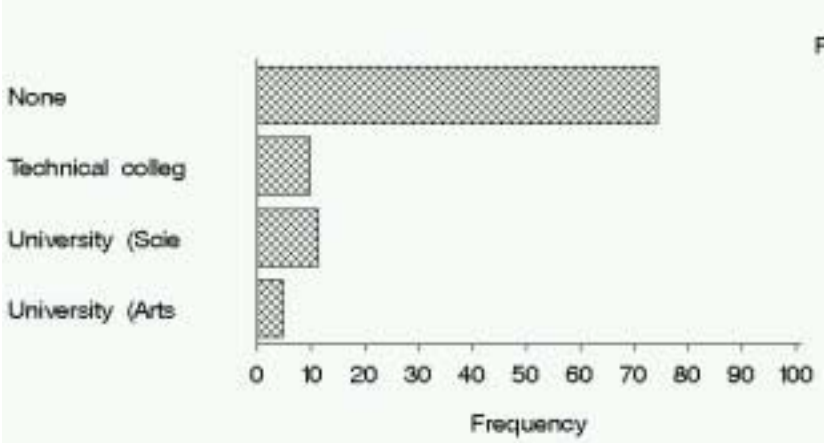
Highest degree in academic education

RELEVANT FORMAT STATEMENTS:

TERT_A

FREQUENCIES:

TERT



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	268	268	74.24	74.24
Technical colleg	35	303	9.70	83.93
University (Scie	41	344	11.36	95.29
University (Arts	17	361	4.71	100.00

NAME: VOC_TR

LABEL: Vocational training

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

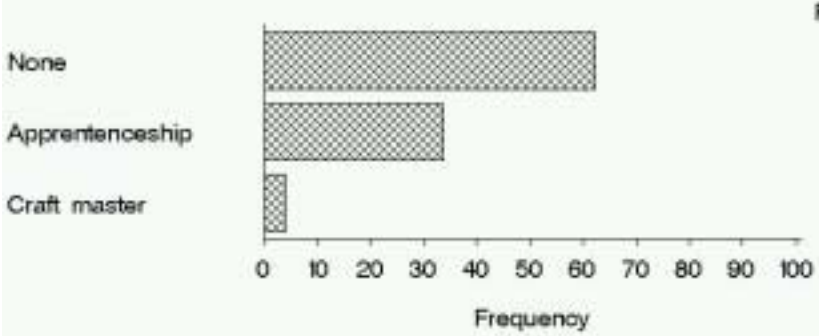
Highest degree in vocational training

RELEVANT FORMAT STATEMENTS:

VOC_TR_A

FREQUENCIES:

VOC_TR



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	225	225	62.33	62.33
Apprenticeship	122	347	33.80	96.12
Craft master	14	361	3.88	100.00

NAME: VOLUNT

LABEL: Volunteer

TYPE: Numeric / Discrete

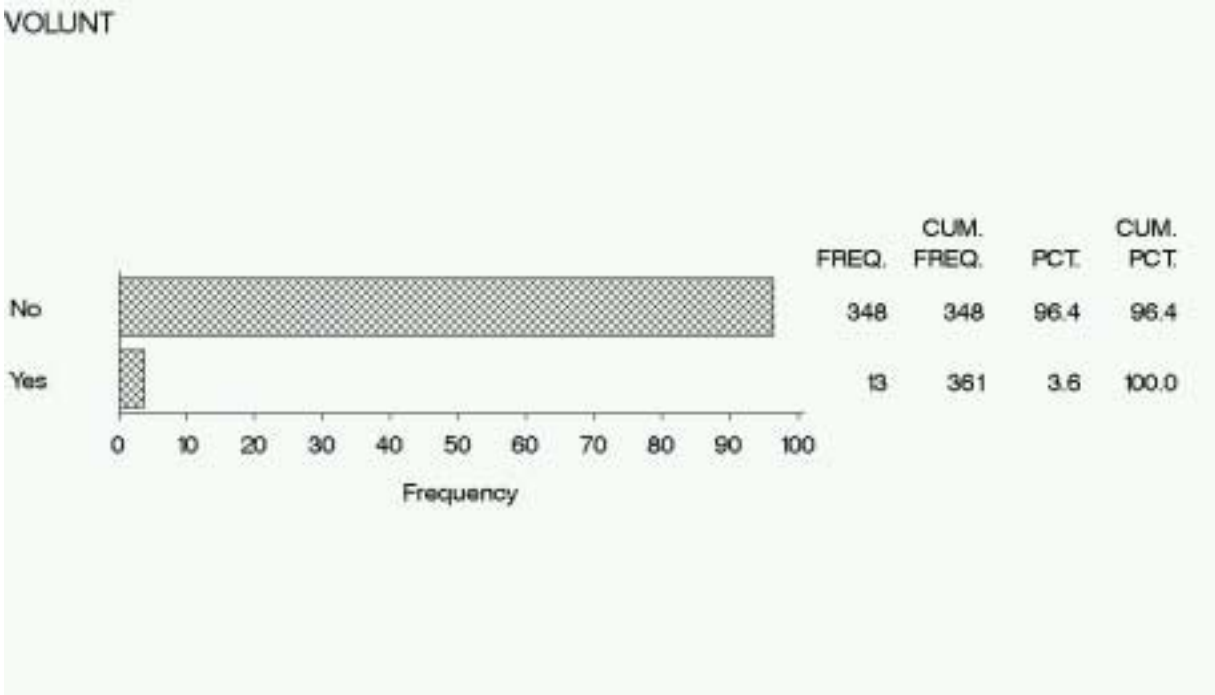
DESCRIPTION / COMMENT:

If fixed commitment is volunteer work

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	348	348	96.4	96.4
Yes	13	361	3.6	100.0

NAME: WORKING

LABEL: Style of work

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

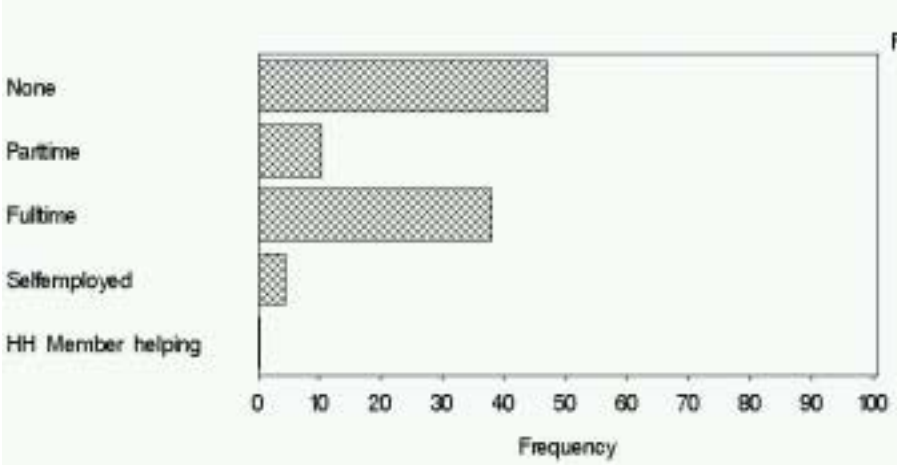
Part time/full time/self employed etc.

RELEVANT FORMAT STATEMENTS:

WORK_A, WORK_AD

FREQUENCIES:

WORKING



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	170	170	47.09	47.09
Parttime	37	207	10.25	57.34
Fulltime	137	344	37.95	95.29
Selfemployed	16	360	4.43	99.72
HH Member helping	1	361	0.28	100.00

NAME: Y_1C

LABEL: Starting year of 1st course

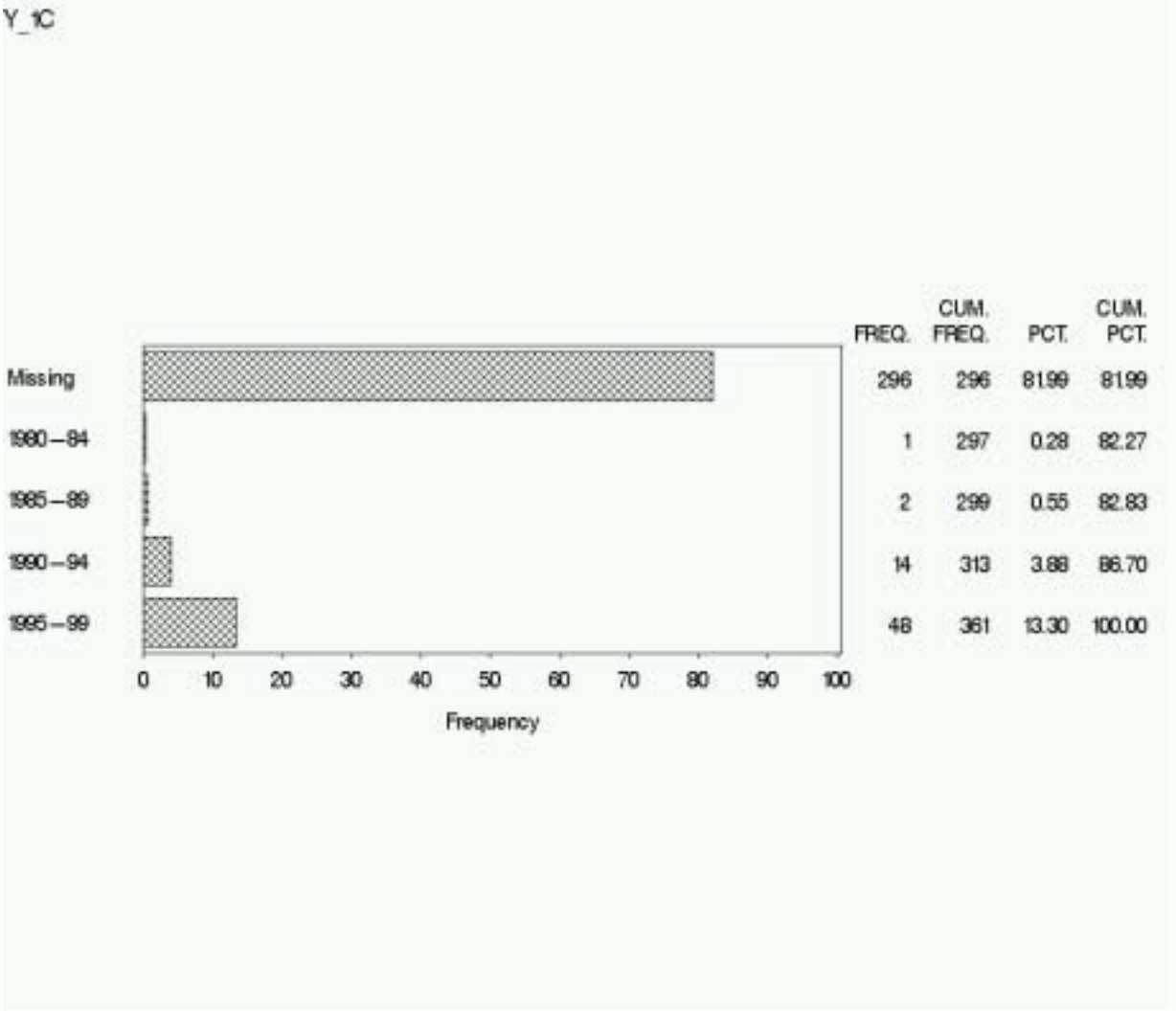
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



NAME: Y_1FC

LABEL: Starting year of 1st fixed commitments

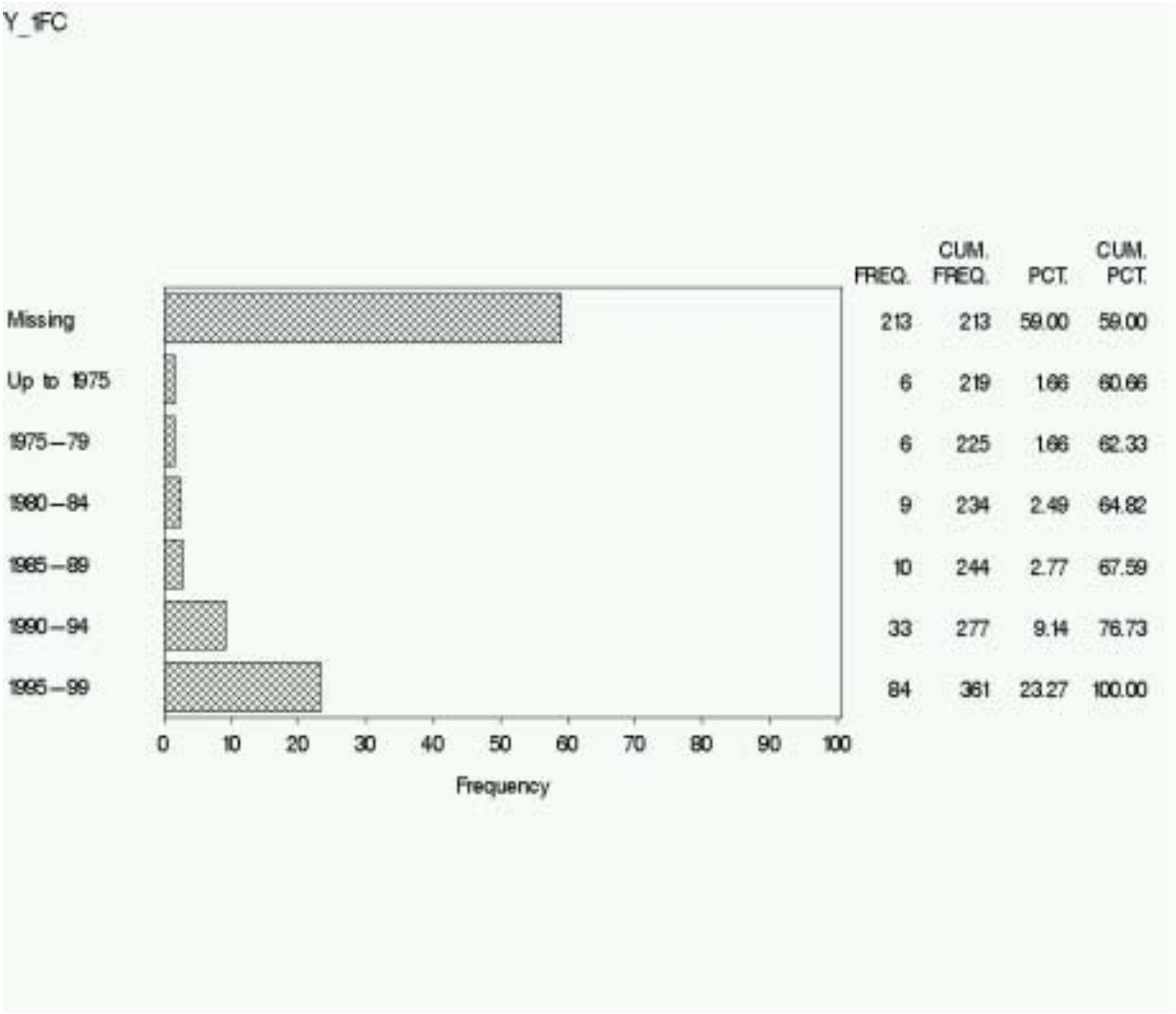
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



NAME: Y_1J

LABEL: Starting year 1st job

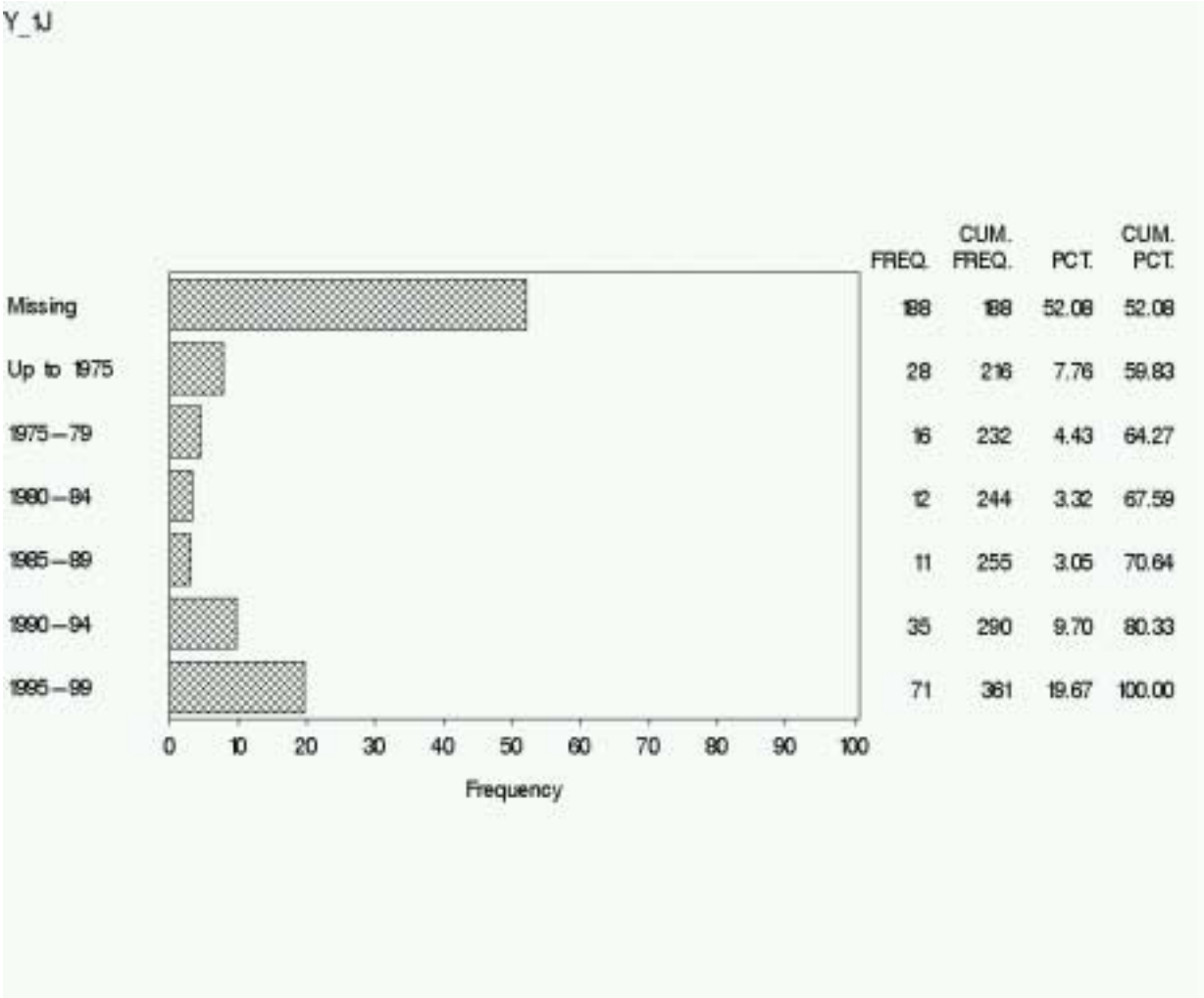
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



NAME: Y_2C

LABEL: Starting year of 2nd course

TYPE: Numeric / Discrete

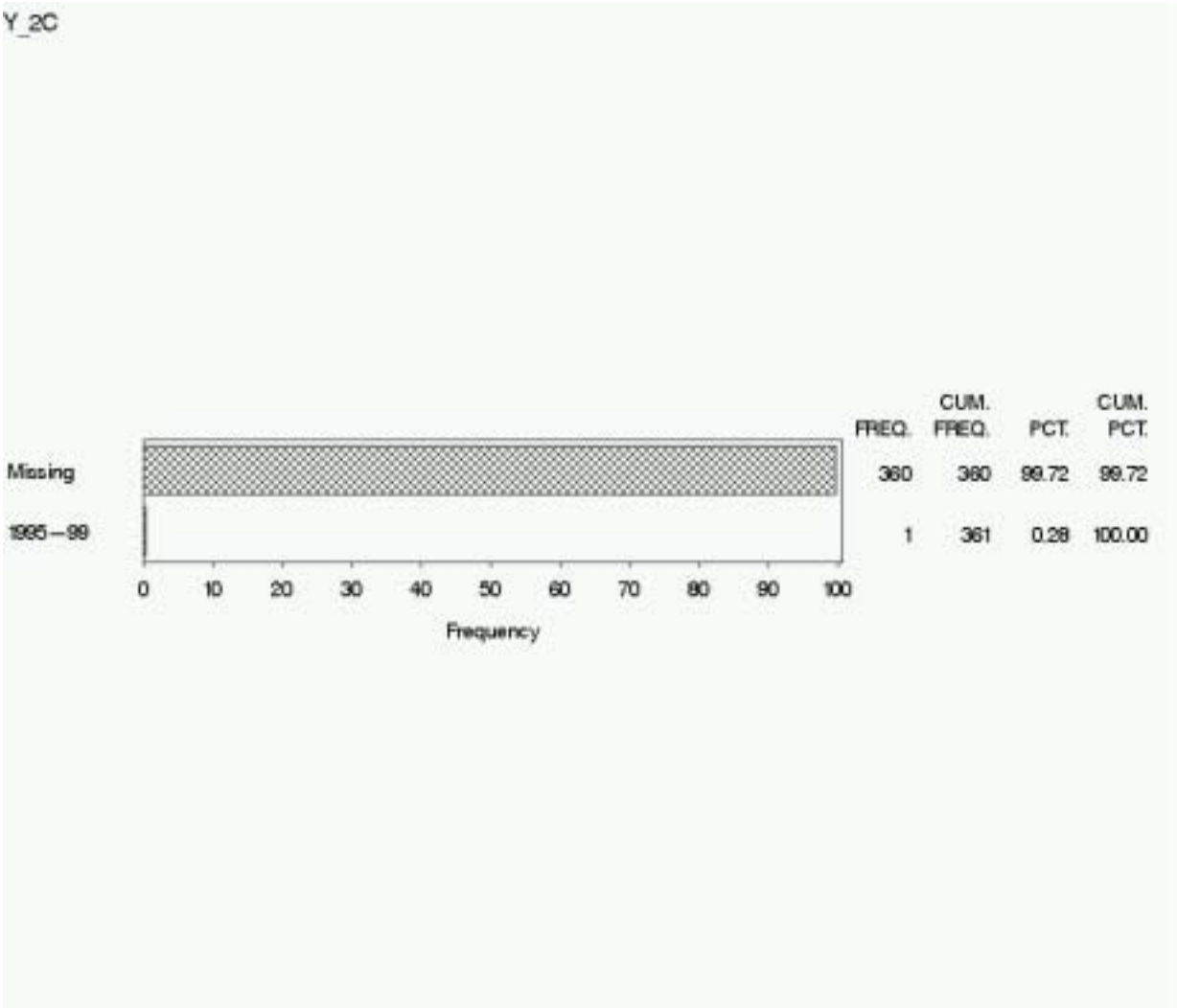
DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

QUI_A, QUI_B

FREQUENCIES:



NAME: Y_2FC

LABEL: Starting year of 2nd fixed commitments

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

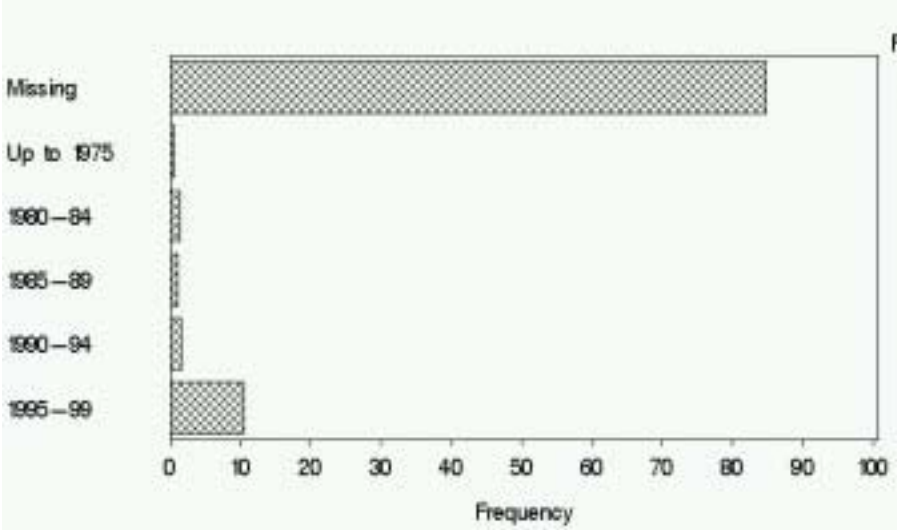
Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

QUI_A, QUI_B

FREQUENCIES:

Y_2FC



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	306	306	84.76	84.76
Up to 1975	2	308	0.55	85.32
1980–84	5	313	1.39	86.70
1985–89	4	317	1.11	87.81
1990–94	6	323	1.66	89.47
1995–99	38	361	10.53	100.00

NAME: Y_2J

LABEL: Starting year 2nd job

TYPE: Numeric / Discrete

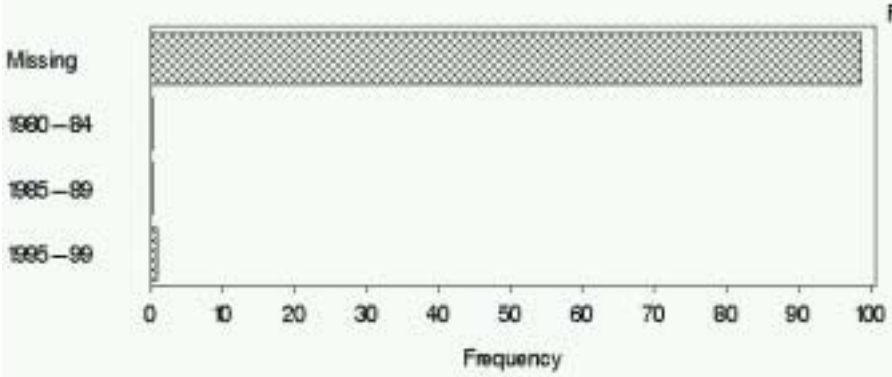
DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

Y_2J



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	356	356	98.61	98.61
1980–84	1	357	0.28	98.89
1985–89	1	358	0.28	99.17
1995–99	3	361	0.83	100.00

NAME: Y_3FC

LABEL: Starting year of 3rd fixed commitments

TYPE: Numeric / Discrete

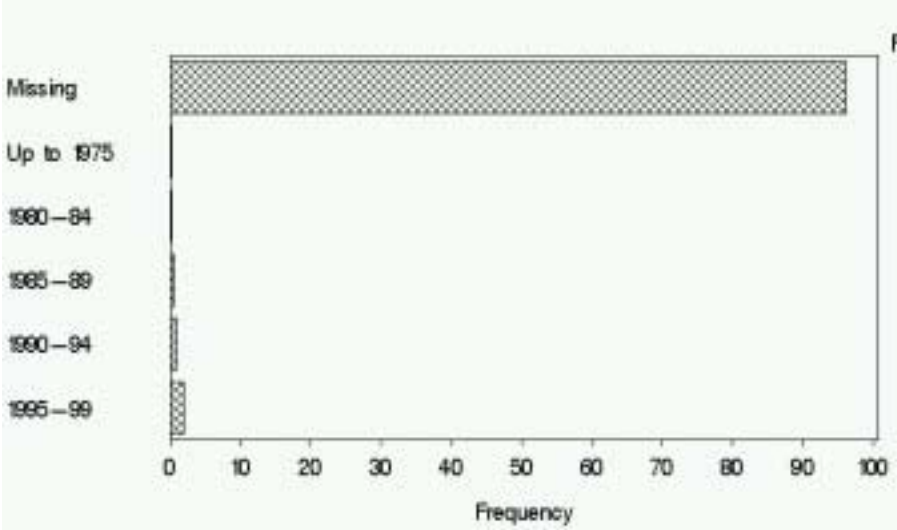
DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

Y_3FC



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	347	347	96.12	96.12
Up to 1975	1	348	0.28	96.40
1980–84	1	349	0.28	96.68
1985–89	2	351	0.55	97.23
1990–94	3	354	0.83	98.06
1995–99	7	361	1.94	100.00

NAME: Y_4FC

LABEL: Starting year of 4th fixed commitments

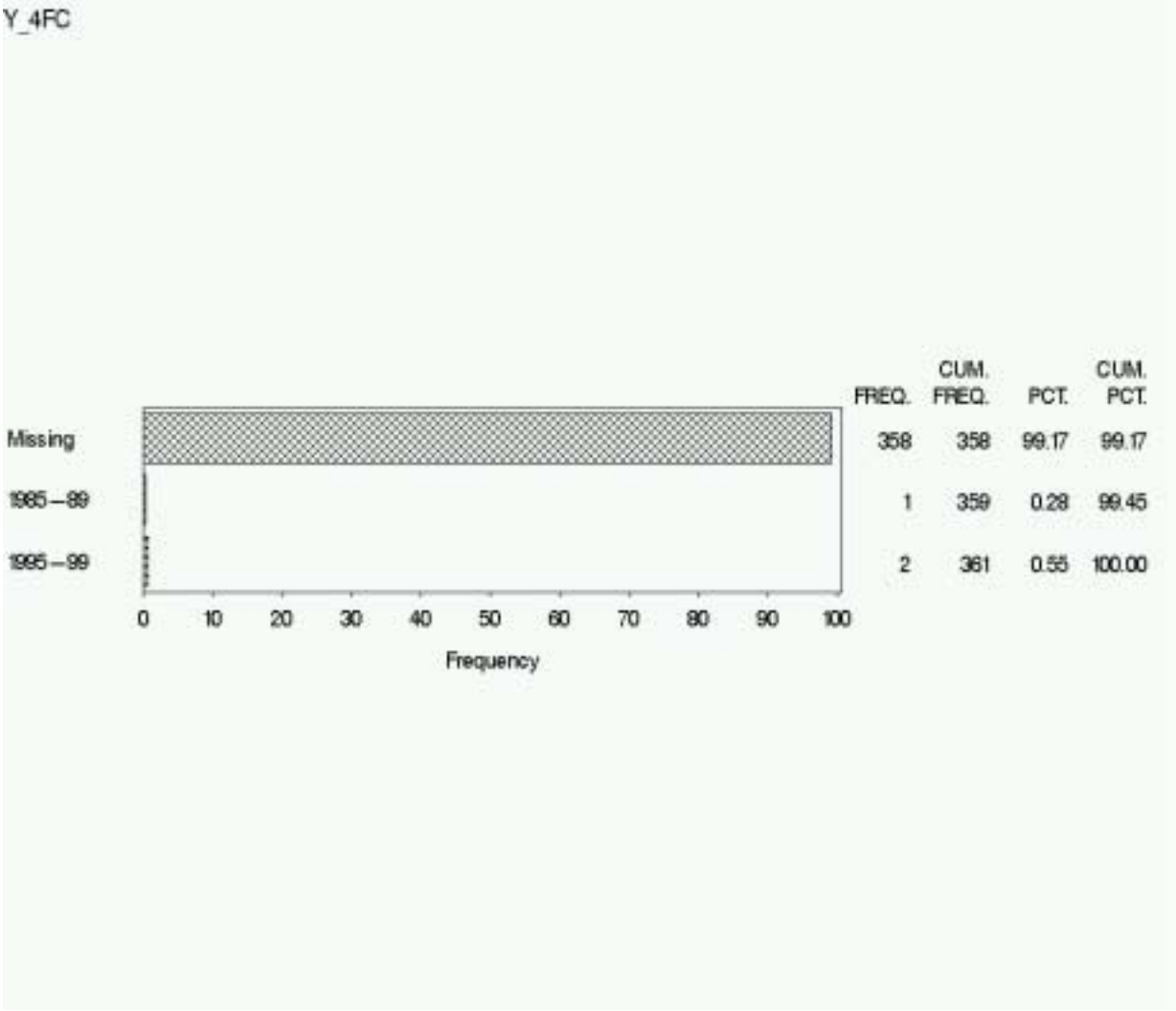
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	358	358	99.17	99.17
1985–89	1	359	0.28	99.45
1995–99	2	361	0.55	100.00

NAME: Y_O_B

LABEL: Year of birth

TYPE: Numeric / Discrete

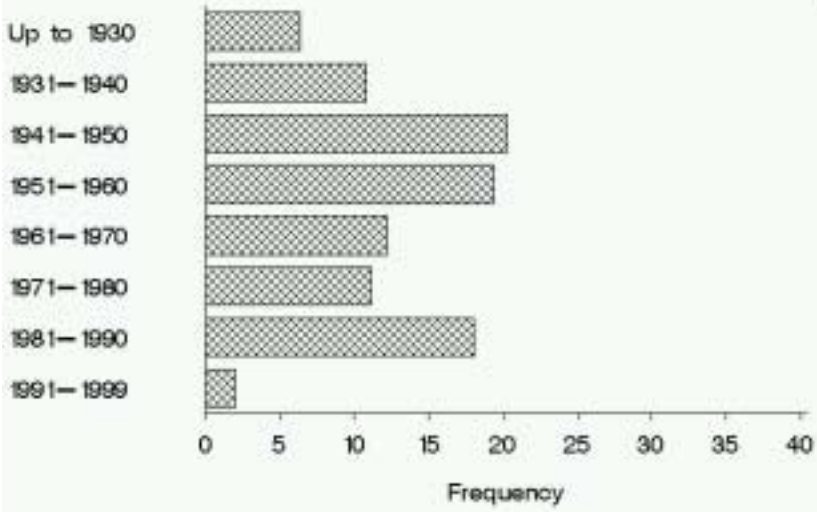
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

DEC_A

FREQUENCIES:

Y_O_B



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Up to 1930	23	23	6.37	6.37
1931—1940	39	62	10.80	17.17
1941—1950	73	135	20.22	37.40
1951—1960	70	205	19.39	56.79
1961—1970	44	249	12.19	68.98
1971—1980	40	289	11.08	80.06
1981—1990	65	354	18.01	98.06
1991—1999	7	361	1.94	100.00

1.2.3 *Character variables*

(no frequencies given)

A_1C_HA	Address 1st course HA	(2) For Halle was no categorisation in zones possible
A_2C_HA	Address 2nd course HA	(2) For Halle was no categorisation in zones possible
A_S_R	Area of season: Heavy rail	Open category: Area / zone / corridor of German rail season ticket (may be different to network season ticket)
CITY	City of survey	
COMM_O1	Type of 1st other commitment	(1) Open category
COMM_O2	Type of 2nd other commitment	(1) Open category
EDUC_O1	Other degrees 1	Open category
EDUC_O2	Other degrees 2	Open category
K_1FC	Kind of 1st fixed commitment	Open answer category, e.g. Sports club
K_2FC	Kind of 2nd fixed commitment	Open answer category, e.g. Sports club
K_3FC	Kind of 3rd fixed commitment	Open answer category, e.g. Sports club
K_4FC	Kind of 4th fixed commitment	Open answer category, e.g. Sports club
K_S_R	Kind of season: Heavy rail	Open answer category
NAME	Given name	
NAT_O	Foreign nationality	Open answer category
REL_O1	Other relation 1	If relation to other family members is other than given categories; open answer category
STUDY	Study name	
T_O_W	Type of work	Concerning primary job, open answer category

1.3 Vehicles (file V_SUM)

1.3.1 *SAS Contents Procedure*

```
Data Set Name: LAST.V_SUM                          Observations:         494
Member Type:   DATA                                Variables:            29
Engine:        V6                                  Indexes:              0
Created:       9:49 Thursday, May 23, 2002         Observation Length:   575
Last Modified: 9:49 Thursday, May 23, 2002         Deleted Observations: 0
Protection:                                        Compressed:           NO
Data Set Type:                                     Sorted:               YES
Label:


                  -----Alphabetic List of Variables and Attributes-----

#    Variable    Type    Len    Pos    Format    Informat    Label
ƒƒƒ
```

1.3.2 *Numeric variables in alphabetical order*

NAME: CCM

LABEL: Motorsize [ccm]

TYPE: Numeric / Continuous

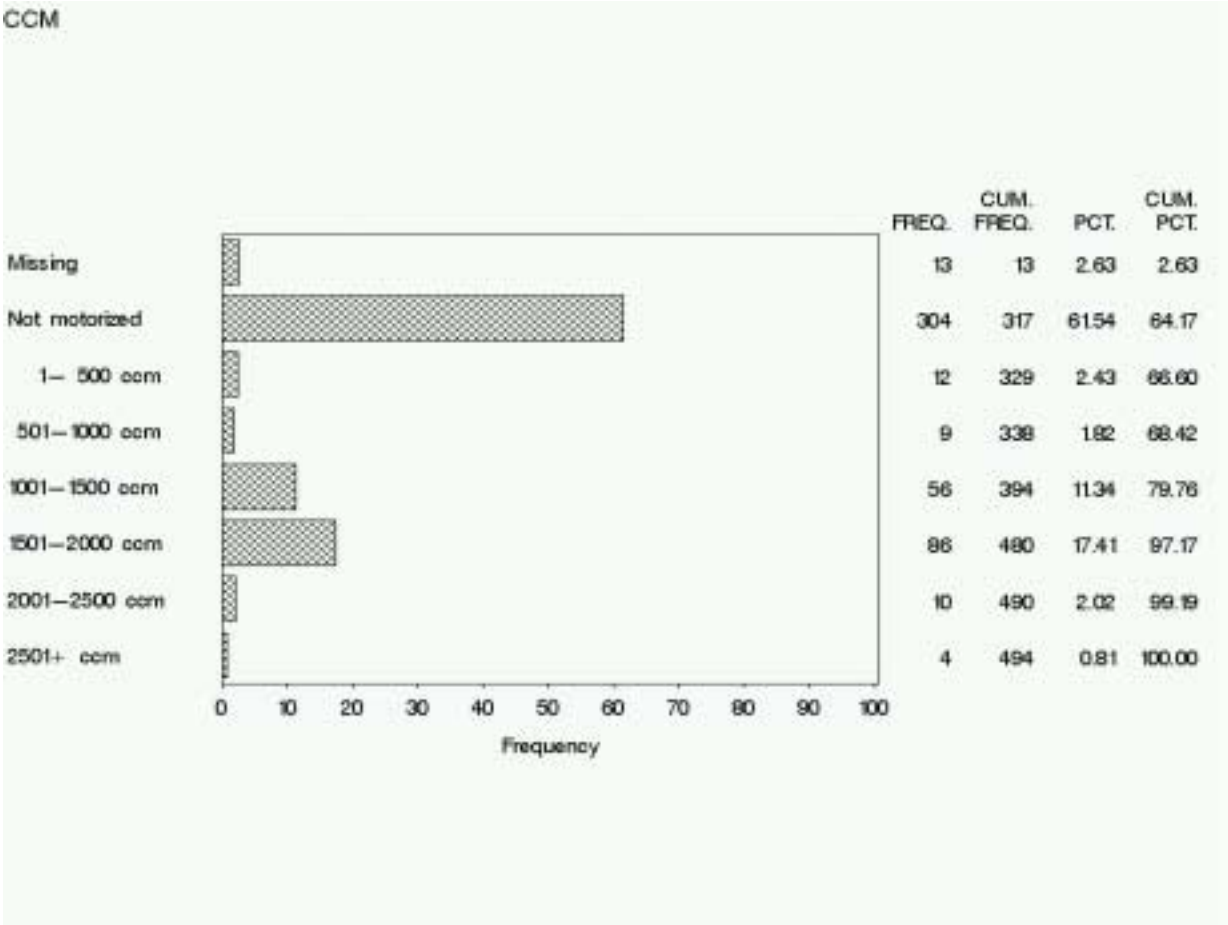
DESCRIPTION / COMMENT:

Only asked for motorised vehicles; imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

CCM_A

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
481	13	561.2910603	806.8389028	0	2800.00	0	0	1400.00

NAME: CITYCODE

LABEL: Citycode

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

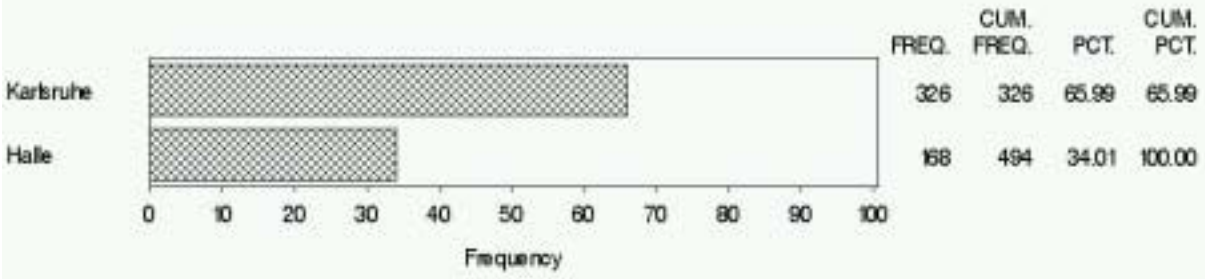
Index variable

RELEVANT FORMAT STATEMENTS:

Citycode

FREQUENCIES:

CITYCODE



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Karlsruhe	326	326	65.99	65.99
Halle	168	494	34.01	100.00

NAME: DIST_PAR

LABEL: Distance to parking space

TYPE: Numeric / Continuous

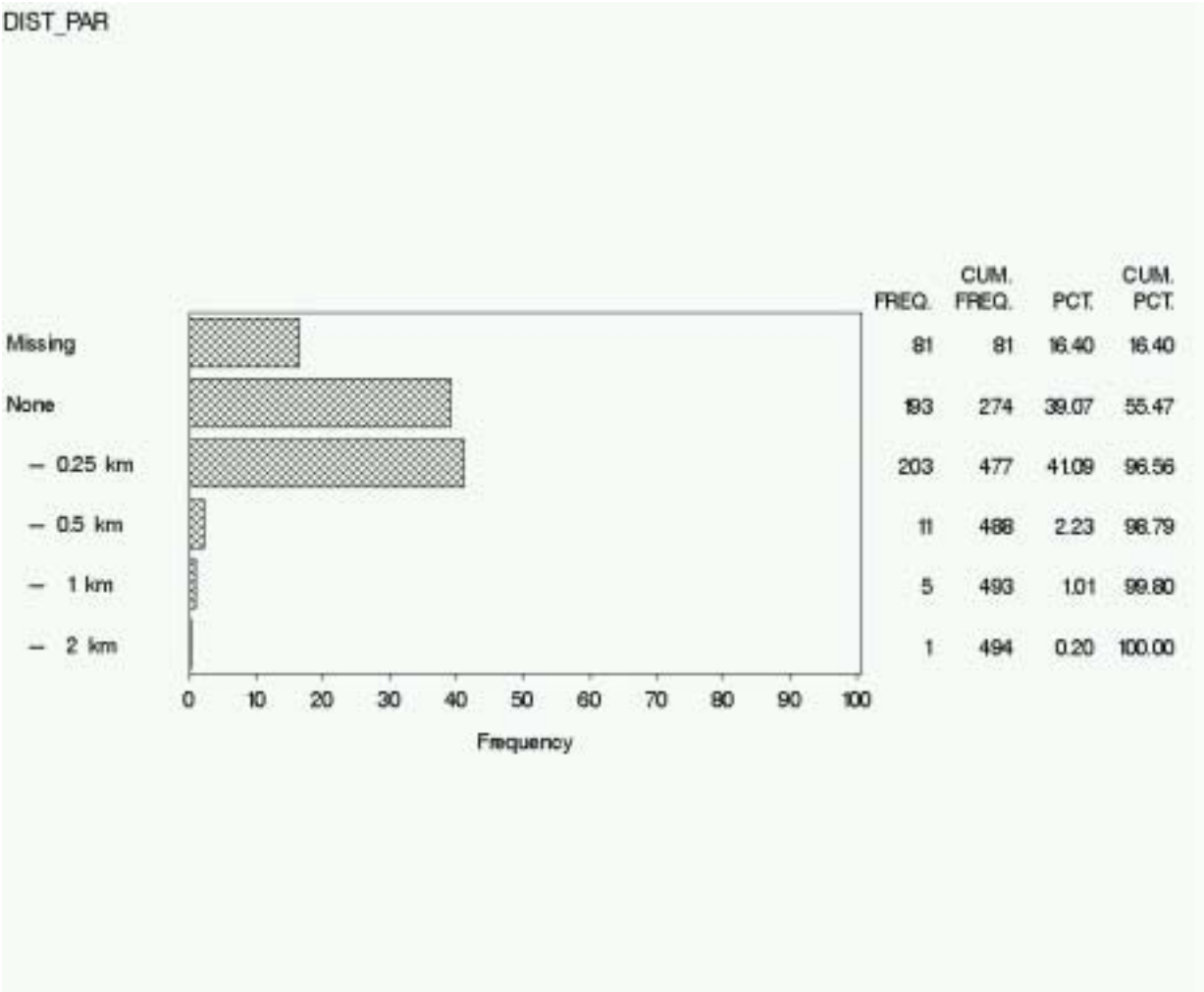
DESCRIPTION / COMMENT:

Created of variables PARK_D (parking distance) and PARK_U (measuring unit); imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

DIST_A, DIST_B, DIST_C, DIST_D, DIST_E, DIST_ED, DIST_F, DIST_G, DIST_MZ, DIST_W

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
413	81	78.6924939	134.6541031	0	1416.67	0	83.3333333	83.3333333

NAME: D_O_O

LABEL: Duration of ownership

TYPE: Numeric / Discrete

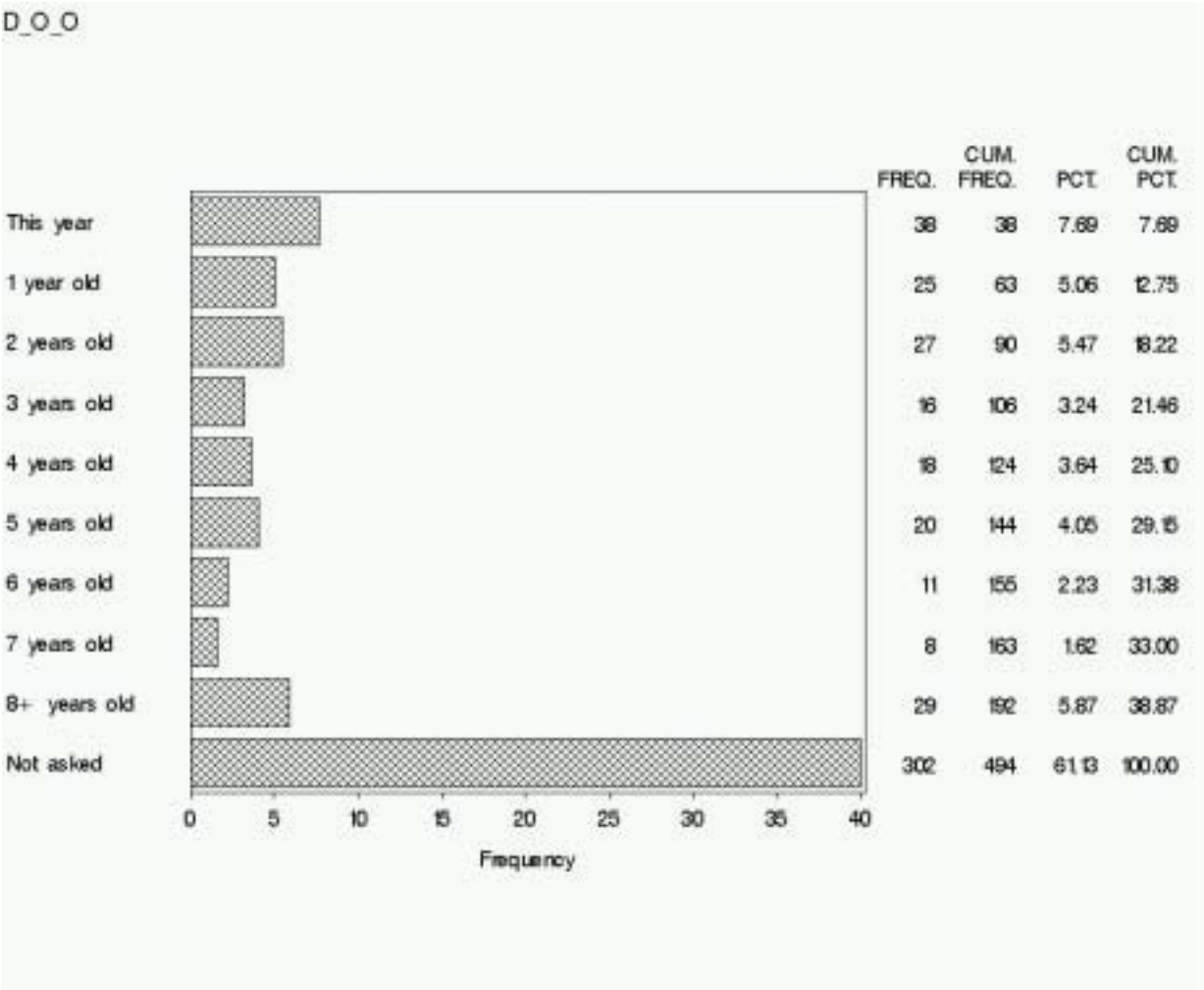
DESCRIPTION / COMMENT:

Duration of ownership of vehicle; only asked for motorised vehicles (999 = "Not asked)

RELEVANT FORMAT STATEMENTS:

YEARS_A

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
494	0	612.2348178	485.5630026	0	999.0000000	4.0000000	999.0000000	999.0000000

NAME: FUEL

LABEL: Type of fuel

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

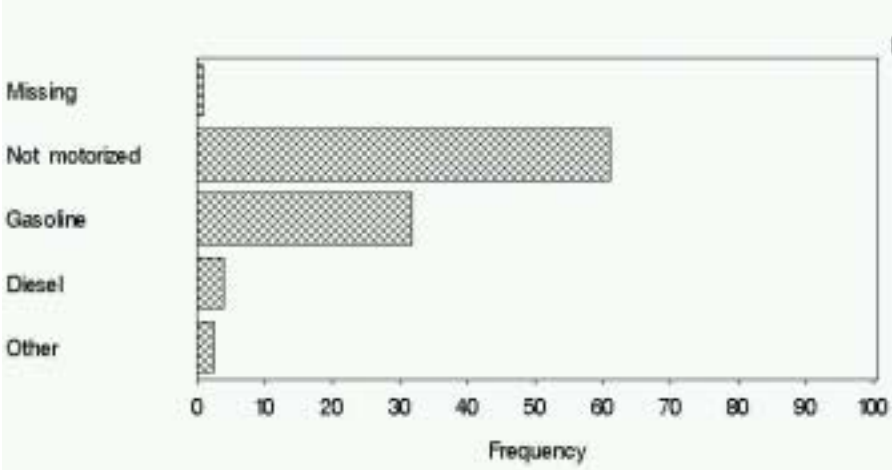
Only asked for motorised vehicles; imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

FUEL_A

FREQUENCIES

FUEL



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	4	4	0.81	0.81
Not motorized	302	306	61.13	61.94
Gasoline	157	463	31.78	93.72
Diesel	19	482	3.85	97.57
Other	12	494	2.43	100.00

NAME: KM

LABEL: Current odometer reading [km]

TYPE: Numeric / Continuous

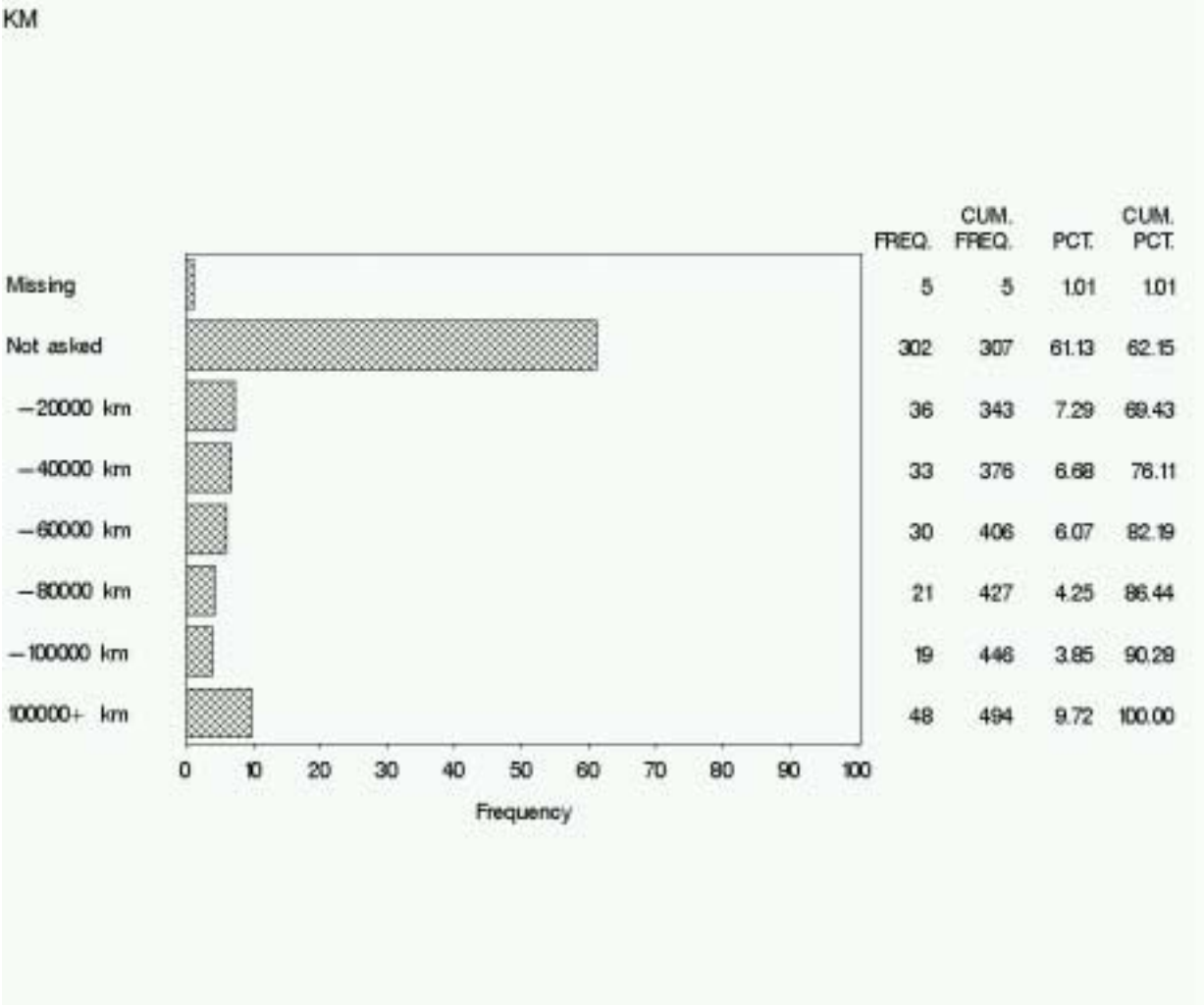
DESCRIPTION / COMMENT:

Only asked for motorised vehicles; imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

KM_A, KM_B

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
489	5	28499.79	50977.98	300.0000000	340000.00	999.0000000	999.0000000	40000.00

NAME: KM12MON

LABEL: km: Last 12 month [km]

TYPE: Numeric / Continuous

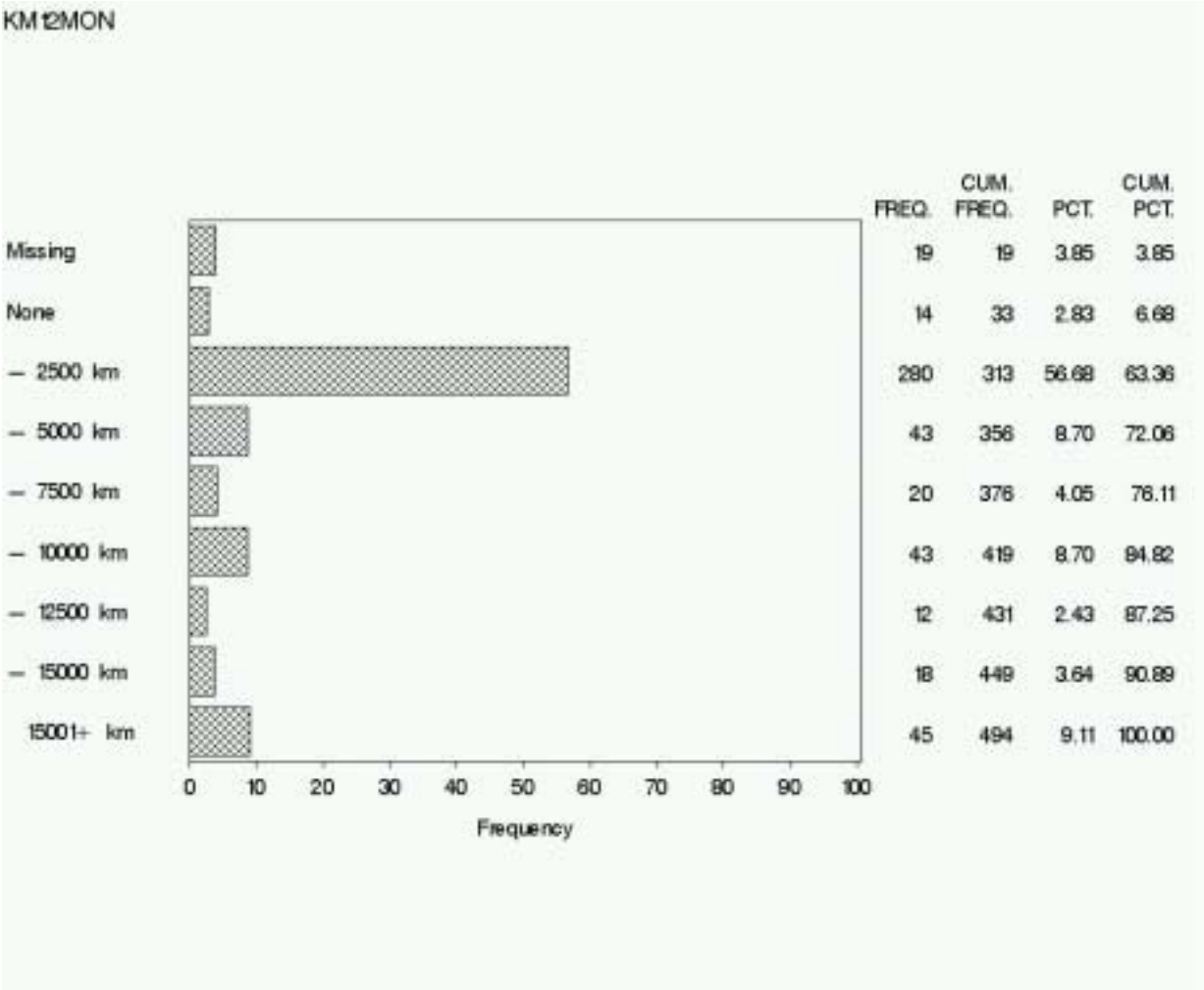
DESCRIPTION / COMMENT:

Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

KM_A, KM_B

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
475	19	5747.10	11556.66	0	100000.00	200.0000000	1000.00	7000.00

NAME: N_USERS

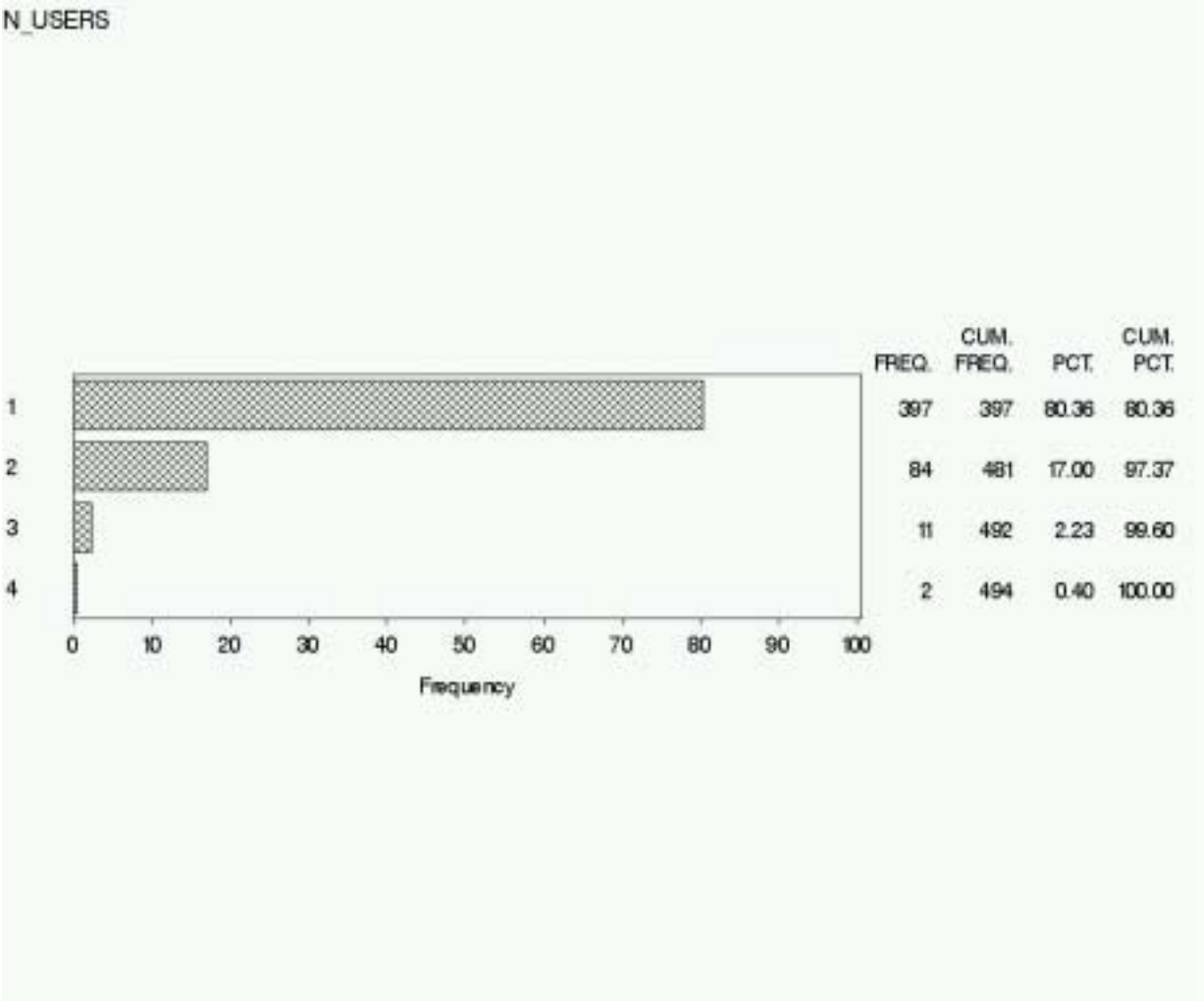
LABEL: Number of users

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
494	0	1.2267206	0.4946105	1.0000000	4.0000000	1.0000000	1.0000000	1.0000000

NAME: OWNER_T

LABEL: Type of owner

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

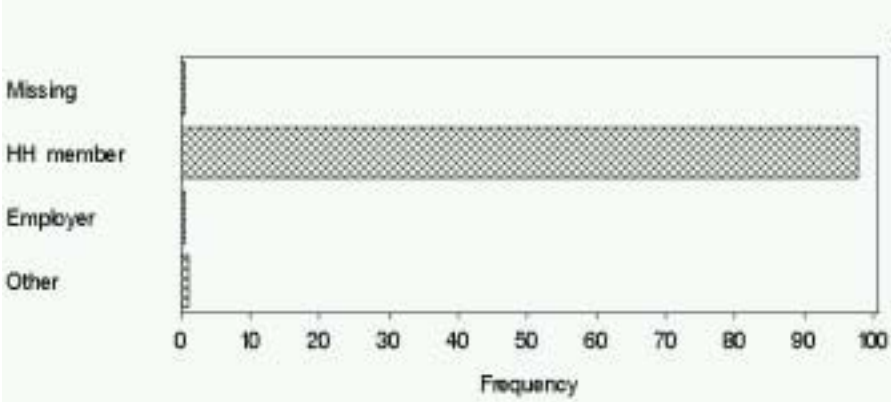
Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

OWN_T_A

FREQUENCIES:

OWNER_T



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	3	3	0.61	0.61
HH member	483	486	97.77	98.38
Employer	3	489	0.61	98.99
Other	5	494	1.01	100.00

NAME: PARK_D

LABEL: Distance to space

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Either minutes or meters (according to PARK_U); see also DIST_PAR

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

Distance to space

PARK_D	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	243	52.26	243	52.26
1	149	32.04	392	84.30
2	43	9.25	435	93.55
3	13	2.80	448	96.34
4	1	0.22	449	96.56
5	10	2.15	459	98.71
8	2	0.43	461	99.14
9	1	0.22	462	99.35
10	1	0.22	463	99.57
12	1	0.22	464	99.78
17	1	0.22	465	100.00

Frequency Missing = 29

NAME: PARK_T

LABEL: Preferred type of parking

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

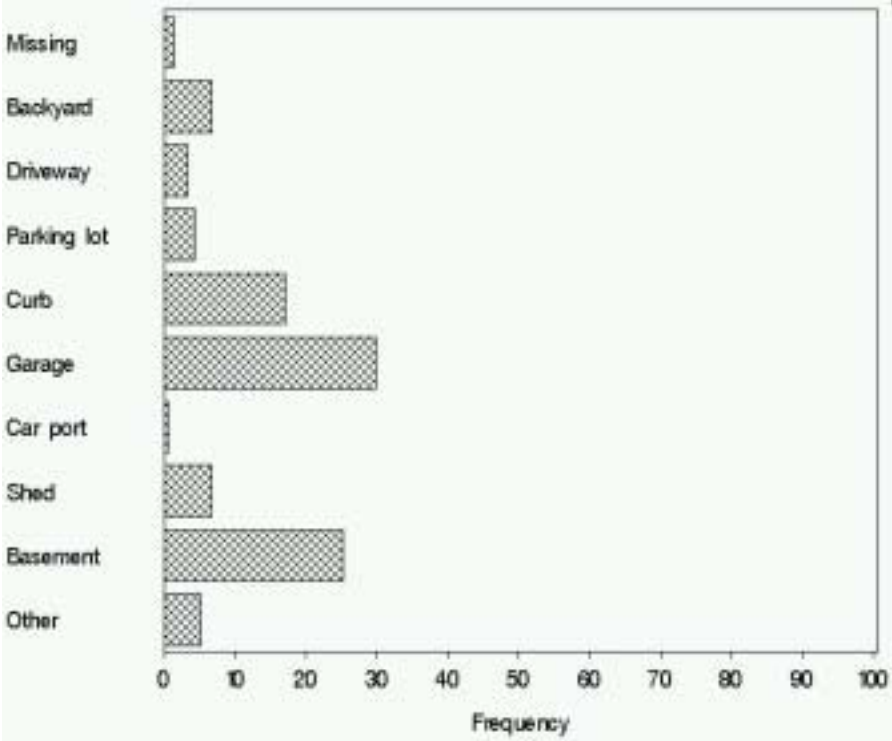
Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

PARK_T_A

FREQUENCIES:

PARK_T



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	7	7	1.42	1.42
Backyard	33	40	6.68	8.10
Driveway	16	56	3.24	11.34
Parking lot	21	77	4.25	15.59
Curb	84	161	17.00	32.59
Garage	147	308	29.76	62.35
Car port	3	311	0.61	62.96
Shed	33	344	6.68	69.64
Basement	125	469	25.30	94.94
Other	25	494	5.06	100.00

NAME: PARK_U

LABEL: Distance measured in

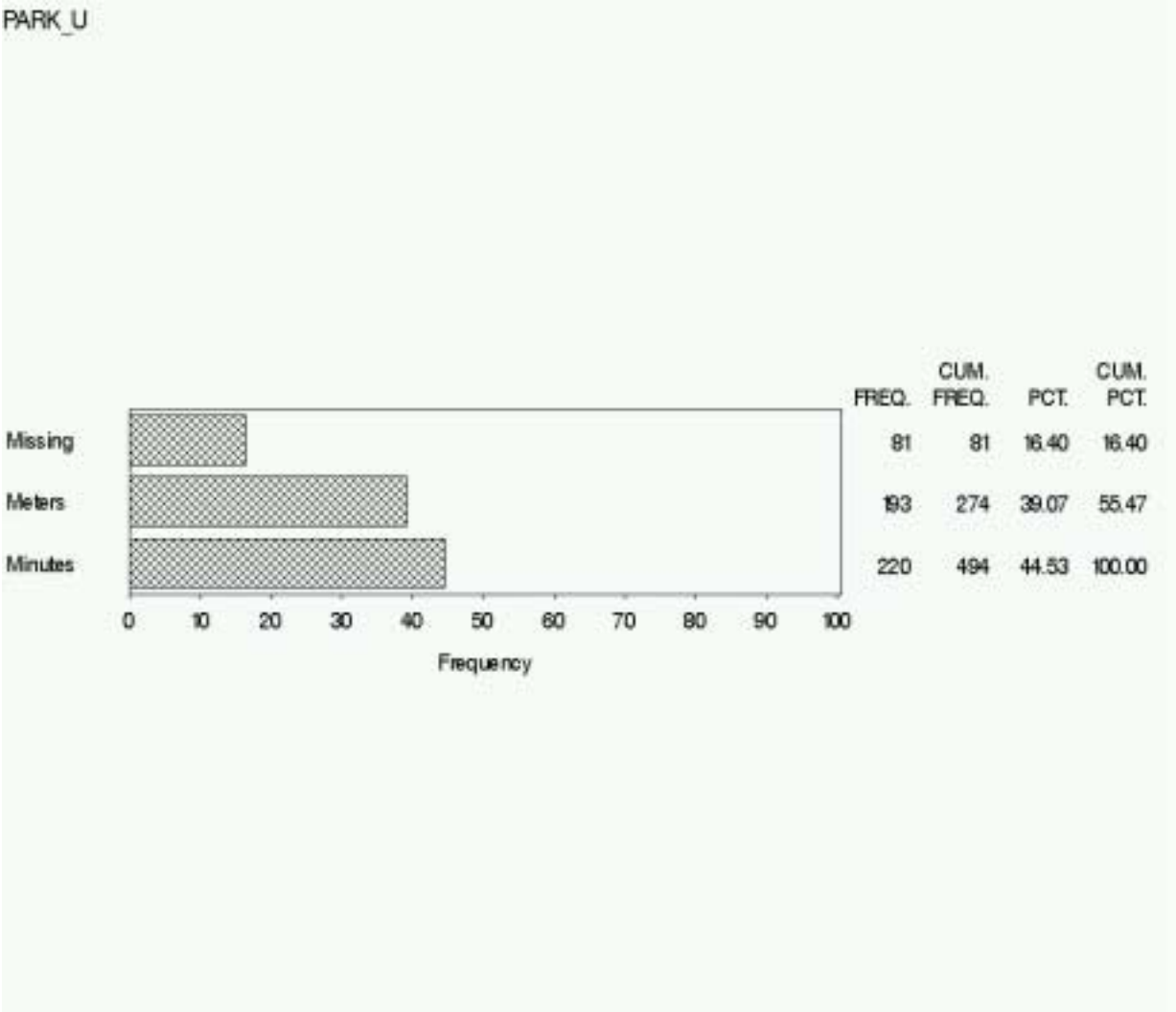
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

MMINUNIT

FREQUENCIES:



NAME: POWER

LABEL: Power [PS]

TYPE: Numeric / Continuous

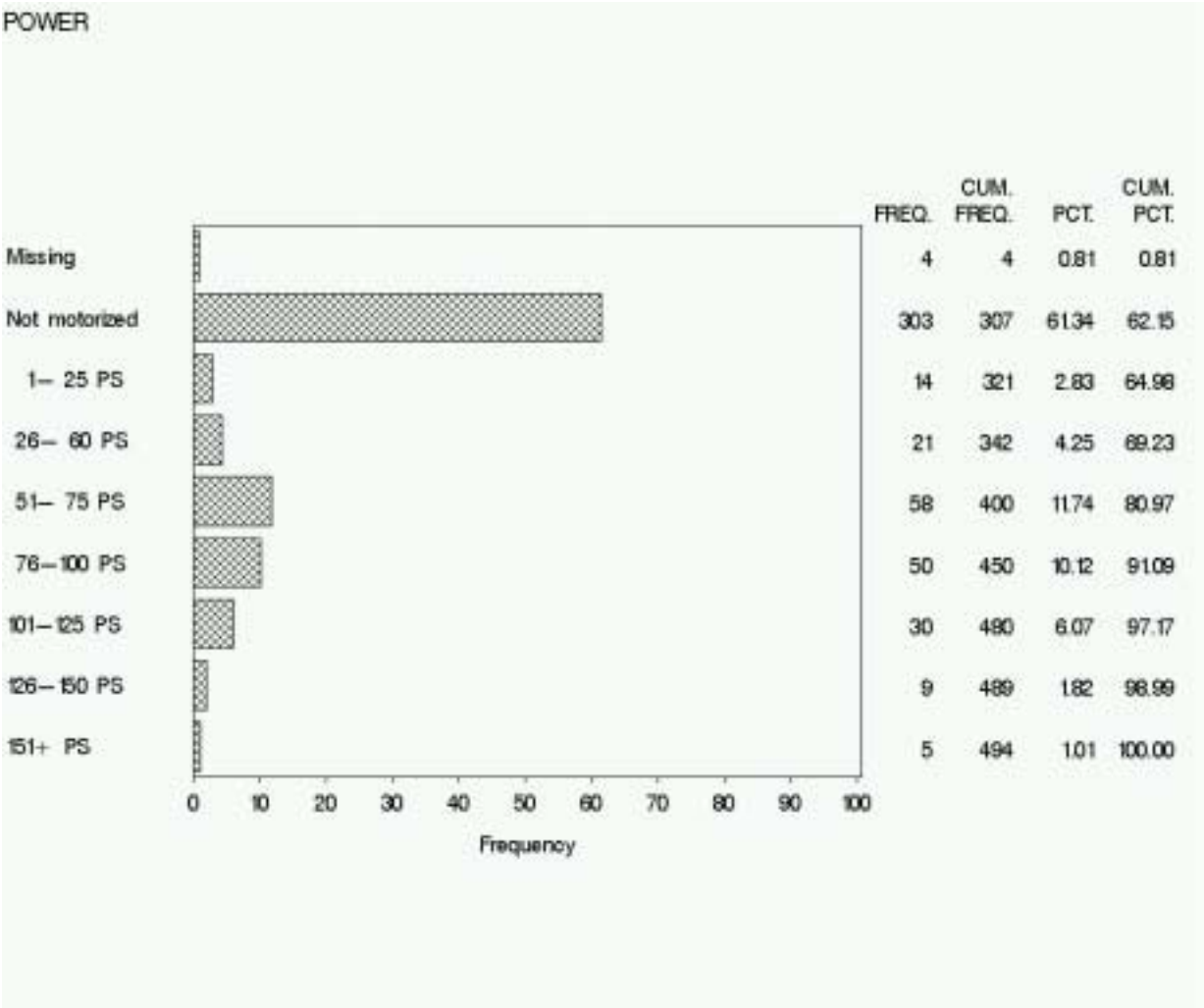
DESCRIPTION / COMMENT:

Only asked for motorised vehicles; Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

POWER_A

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
490	4	30.4897959	44.7760720	0	207.0000000	0	0	73.0000000

NAME: STUDYCOD

LABEL: Study code

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

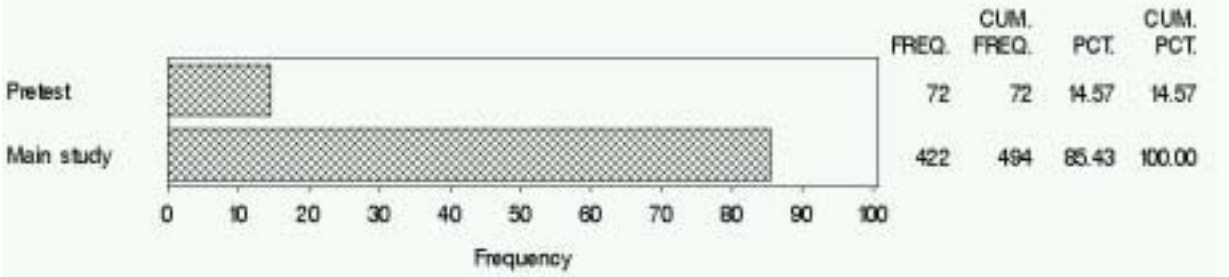
Index variable

RELEVANT FORMAT STATEMENTS:

STUDYCOD

FREQUENCIES:

STUDYCOD



NAME: VEH_T

LABEL: Type of vehicle

TYPE: Numeric / Discrete

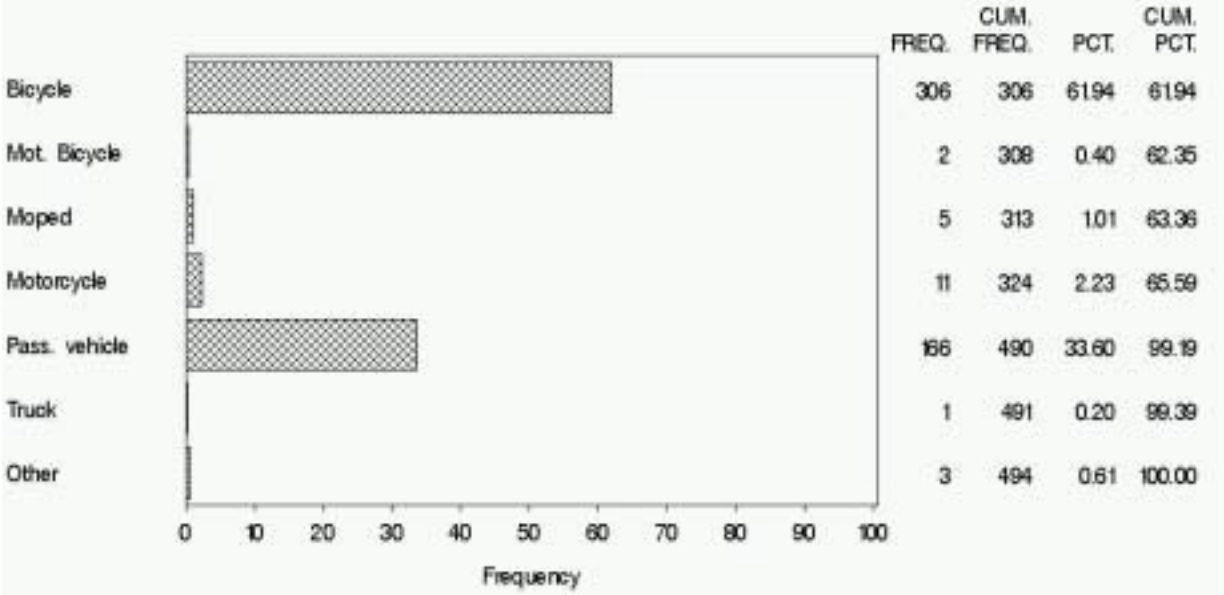
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

VEH_T_A

FREQUENCIES:

VEH_T



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Bicycle	306	306	61.94	61.94
Mot. Bicycle	2	308	0.40	62.35
Moped	5	313	1.01	63.36
Motorcycle	11	324	2.23	65.59
Pass. vehicle	166	490	33.60	99.19
Truck	1	491	0.20	99.39
Other	3	494	0.61	100.00

NAME: V_NR

LABEL: Vehicle number

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

RELEVANT FORMAT STATEMENTS:

Index variable

FREQUENCIES:

NAME: Y_O_A

LABEL: Year of acquisition

TYPE: Numeric / Discrete

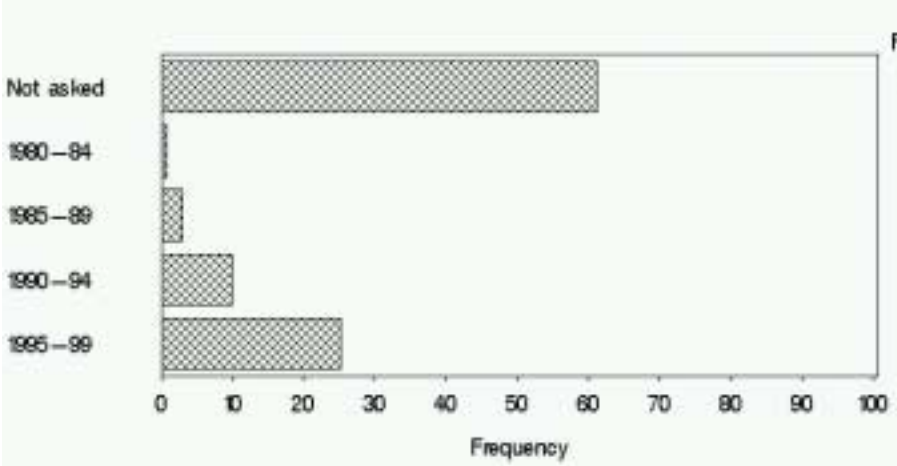
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

QUI_A, QUI_B

FREQUENCIES:

Y_O_A



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Not asked	302	302	61.13	61.13
1980–84	4	306	0.81	61.94
1985–89	15	321	3.04	64.98
1990–94	49	370	9.92	74.90
1995–99	124	494	25.10	100.00

NAME: Y_O_P

LABEL: Year of Production

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

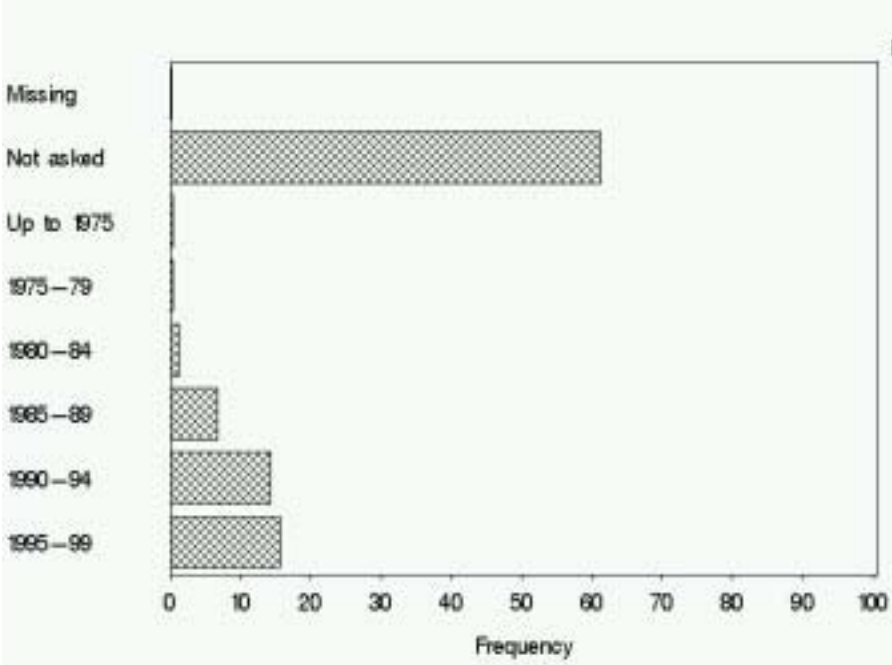
Imputation of missing values were executed in a further step according to Data Format Guide, Part A.

RELEVANT FORMAT STATEMENTS:

QUI_A, QUI_B

FREQUENCIES:

Y_O_P



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	1	1	0.20	0.20
Not asked	302	303	61.13	61.34
Up to 1975	2	305	0.40	61.74
1975–79	2	307	0.40	62.15
1980–84	6	313	1.21	63.36
1985–89	33	346	6.68	70.04
1990–94	71	417	14.37	84.41
1995–99	77	494	15.59	100.00

1.3.3 *Character variables*

(no frequencies given)

CITY	City of survey	
OWNER	Name of owner	
PARK_TO	Preferred type of parking other	Open category
STUDY	Study name	
USER	Name of main user	
USER_S1	Other user 1	
USER_S2	Other user 2	
USER_S3	Other user 3	
VEH_TO	Type of vehicle – other	Open category

1.4 Trips (T_SUM)

Data sources:

The trips file was complemented by a range of additional variables which may be mainly used for discrete choice modeling. These are e.g. alternative shortest path and travel times as well as costs for of the trips made. In order to distinguish from the original survey variables, all T_SUM variables are attributed by the type of data source, such as

R	Travel diary data, partly corrected for inconsistencies
A (.)	Based on own / agreed assumptions.
A (S)	Timetable based information (analogous to transport model estimates): Best travel times for public transport categories to use. Also available: walking distances to nearest public transport stops (departure as well as arrival stop).
A (T)	Transport model: Shortest paths travel times as well as distances for car (MOTIVDIS, MOTIVTT).

Note for A(S) and A(T): Geocoding (Gauss-Kruger coordinates) of addresses as well as complementary transport model data (car travel times and distances) were only available for the Mobi*drive* main study data (Halle and Karlsruhe). Furthermore, additional timetable information (schedule server) is only available for Karlsruhe main study.

Concepts:

Travel times and trip durations

T_AT:	Trip access time to first public transport mode resp. public transport stop (walking only)
T_ET:	Trip egress time from last public transport mode resp. public transport stop (walking only)
T_WT:	Sum of time spent walking including access and egress to public transport stop as well as skateboarding, wheelchair etc.
T_DT:	Sum of time spent as driver / rider of car, a motorcycle or a bicycle
T_PT:	Sum of time spent as passenger of car (non-driver), bus, tram, German Rail train or any public transport mode
T_IVT:	Sum of time spent on the motorcycle and bicycle, in the car as driver and passenger, in the bus, tram, German rail train or any other public transport mode available
T_WAIT:	Sum of time spent waiting, mainly for changing the modes

T_TT: Overall trip duration minus waiting times
T_CTT: Trip travel time minus access and egress times
T_DUR: Overall trip duration

Main mode

Although the Mobidrive survey is not based on a stage concept, the questionnaire structure allowed the travellers to report more than one mode of transport for each trip (see questionnaire for details). In order to simplify matters and to make Mobidrive comparable to other studies, a main mode for each trip was assigned. This assignment followed assumptions about the hierarchy of speed resp. commitment (for main mode by speed) and the maximum time of usage (for main mode by time). The hierarchy defined for the variable "trip main mode by speed" (T_MM_B_S) is

Walk
Bike
Motorcycle
Car driver
Car passenger
Bus
Tram
German Rail train.

Other annotations (see (NUMBERS) in the category "DESCRIPTION/COMMENT"):

(1)

Based on model estimated car distances (see MOTIVDIS variable) and own assumptions about the structure of the city ("walking short cuts"), average walking and bike speeds for different age classes and sex. Only available for city of Karlsruhe, Main Study (Citycode = 1, Studycod = 2).

(2)

Estimates of fuel costs, share of variable car costs and parking cost per reported trip: based on model distances, type of car used as well as duration of activity in the city centre (estimated parking costs CBD: 2 Deutsche Mark per hour) (see Juchum, Weich and Wichote, 1998; Friedrich, 2000 for

calculation bases). So far only available for city of Karlsruhe, Main Study (Citycode = 1, Studycod = 2).

(3)

The German research project City:mobil (Götz, Jahn and Schultz, 1997) uses more detailed classifications of trip/activity purposes. Those classifications were adopted in Mobi*drive*. See format statements for more details.

(4)

Additional long distance trip categorisation. Long distance journeys (!) are excluded from the trip file and can be found in ldj-file.

(5)

Based on reported average distances between two zones (medians) – not plausible distances and therefore speeds were corrected into these variables. The user of the Mobi*drive* data is free to choose this variable or the (more exact) model times / distances.

(6)

Joint trips: Joint trips are defined as trips which are jointly made by individuals in the same household. The number of people taking part in the joint trip can vary from two to the maximum number of people in the household (see Singhi, 2001 for details of the assignments).

(7)

A certain amount of leisure trips could be identified as round-trips ending at home. Their purposes were re-coded as t_pur = 10 (home). This assumption has implications for the amount of journeys and therefor for further data processing and analysis. Round trip from and to home were assumed if 1) the open leisure purpose category equals “For a walk” or “Jogging” or similar, 2) origin and destination zone is the households home zone 3) and the following trip purpose isn’t home or another round-trip.

(8)

To be less intrusive, the Mobi*drive* participants were asked to report the trip/activity expenditures in categories (see above). The categories used were changed from zero, to 10 DM, 10-50 DM, 50-200 DM and 200 DM and over in the pre-test to zero, >10 DM, 10-25 DM, 25-100 DM and 100 DM and over in the main study, reflecting their relative usage in the pre-test. While coding and processing the reported data for the first time, the mean trip expenditure for the main study were wrongly calculated, accidentally. To not confuse the colleagues who obtained the data before discovering the mistake, we kept the "wrong" data in the data base (i.e. t_exp). The correct variables to use are, though,

t_expcor :	Estimated group means of relevant categories
origexp :	Originally reported expenditure category (0, 1, 2, 3, 4 for both, pretest and main study)

1.4.1 *SAS Contents Procedure*

```
Data Set Name: LAST.T_SUM                              Observations:         52273
Member Type:   DATA                                    Variables:            96
Engine:        V6                                      Indexes:              0
Created:       14:41 Wednesday, August 14, 2002        Observation Length:   1167
Last Modified: 14:41 Wednesday, August 14, 2002        Deleted Observations: 0
Protection:                                            Compressed:           NO
Data Set Type:                                         Sorted:               YES
Label:
```

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Format	Informat	Label
78	ARR_DIS	Num	8	1015			Distance to arrival stop
19	BIKETIME	Num	8	144	TIME8.		Estimated model bike time
70	BUS_TT	Num	8	951	TIME8.		Bus travel time
11	CARVARCO	Num	8	80			Variable car cost of trip
74	CHANGES	Num	8	983			Number of changes on route
20	CITY	Char	12	152			City of survey
5	CITYCODE	Num	8	32	1.	1.	City code
32	CM_PUR	Num	8	636			Citymobil category
80	CODE_AUX	Num	8	1031			City/study indentifier
77	DEP_DIS	Num	8	1007			Distance to departure stop
36	DOG	Num	8	668			Dog present
29	D_O_RP	Num	8	228			Day of reporting period
9	D_O_S	Num	8	64	12.	12.	Day of survey
28	D_O_W	Num	8	220			Day of week
22	D_O_Y	Num	8	172	DATE.		Day of year
89	FREQTAGE	Num	8	1103			Amount of reported mobile days
1	GCWGS84X	Num	8	0	8.	12.4	GCWGS84X
2	GCWGS84Y	Num	8	8	8.	12.4	GCWGS84Y
4	HH_NR	Num	8	24	11.	11.	Household number
95	HOMEX	Num	8	1151	BEST12.	BEST32.	Household location (x-coor)
96	HOMEY	Num	8	1159	BEST12.	BEST32.	Household location (y-coor)
81	JTRIP	Num	8	1039	1.	1.	Joint trip yes/no
56	J_DAY	Num	8	830			Day journey number
55	J_NR	Num	8	822			Journey number
3	LOCAL	Num	8	16			Trip to location in city boundary
94	LOC_HH	Num	8	1143			Household location (zone)
64	LONGTRIP	Num	8	903			Long distance trip
73	LRT_TT	Num	8	975	TIME8.		LRT travel time
65	L_DAYRET	Num	8	911			LDT Dayreturn
67	L_INHOLI	Num	8	927			LDT in LDJ
66	L_OTHER	Num	8	919			LDT Other
68	L_STAYAW	Num	8	935			LDT Stay away from home
17	MOTIVDIS	Num	8	128			Mot. individual (car) distance
16	MOTIVTT	Num	8	120	TIME8.		Mot. individual (car) travel time
79	NAM_O_MO	Char	8	1023			Names of used PT modes
62	NEW_DIS	Num	8	887			Corrected distance
63	NEW_SPEE	Num	8	895			Corrected speed
82	NOP	Num	8	1047	1.	1.	Number of HH member in trip
90	ORIGEXP	Num	8	1111			Originally reported trip expenditures
12	PARKCOST	Num	8	88			Theoretical parking cost of trip
83	PER1	Num	8	1055	1.	1.	Person 1 in trip
84	PER2	Num	8	1063	1.	1.	Person 2 in trip
85	PER3	Num	8	1071	1.	1.	Person 3 in trip

cont.

86	PER4	Num	8	1079	1.	1.	Person 4 in trip
87	PER5	Num	8	1087	1.	1.	Person 5 in trip
10	PETROCOS	Num	8	72			Fuel costs of trip
30	PUR_LEI	Char	200	236			Purpose: Leisure
31	PUR_OTH	Char	200	436			Purpose: Other
7	P_NR	Num	8	48			Person number
54	ROUND_TR	Num	8	814			Round trip from home
88	SEQT_NR	Num	8	1095			Sequence no
60	SPEED	Num	8	871			Reported speed
69	START_TI	Num	8	943	TIME8.		Nearest start time PT
76	STOP_ARR	Num	8	999			PT arrival stop code
75	STOP_DEP	Num	8	991			PT departure stop code
72	STR_TT	Num	8	967	TIME8.		Tram travel time
58	STUDY	Char	17	846			Study name
6	STUDYCOD	Num	8	40	BEST12.	BEST32.	Studycode
33	S_O_P	Num	8	644			Size of party
34	S_O_P_HH	Num	8	652			Size of party: HH members
35	S_O_P_O	Num	8	660			Size of party: Others
71	S_TT	Num	8	959	TIME8.		S-Bahn travel time
61	TOOMUCH	Num	8	879			In-plausible distance or speed
15	TOTALTT	Num	8	112	TIME8.		Total PT travel time
24	T_ARR	Num	8	188	TIME8.	TIME8.	Trip arrival time
39	T_AT	Num	8	694			Trip access time
41	T_CTT	Num	8	710			Trip core travel time
23	T_DEP	Num	8	180	TIME8.	TIME8.	Trip departure time
48	T_DEST	Num	8	766			Trip destination
92	T_DEST_H	Num	8	1127			Trip destination (relative)
53	T_DIST	Num	8	806			Trip distance
44	T_DT	Num	8	734			Trip driving/riding time
46	T_DUR	Num	8	750			Trip duration
40	T_ET	Num	8	702			Trip egress time
51	T_EXP	Num	8	790			Trip expenditures
91	T_EXPCOR	Num	8	1119			Corrected trip exp (-> main study)
42	T_IVT	Num	8	718			Trip in-vehicle time
37	T_MC	Char	10	676			Trip mode chain
14	T_MM_B_S	Num	8	104			Trip main mode by speed
13	T_MM_B_T	Num	8	96			Trip main mode by time
8	T_NR	Num	8	56	3.	3.	Trip number
49	T_ORIG	Num	8	774			Trip origin
93	T_ORIG_H	Num	8	1135			Trip origine (relative
52	T_PC	Num	8	798			Trip parking costs
43	T_PT	Num	8	726			Trip passenger time
21	T_PUR	Num	8	164			Trip purpose
57	T_P_CM	Num	8	838			Previous Citymobil purpose
50	T_P_PUR	Num	8	782			Trip previous purpose
38	T_TT	Num	8	686			Trip travel time
47	T_WAIT	Num	8	758			Trip waiting time
45	T_WT	Num	8	742			Trip walking time
18	WALKTIME	Num	8	136	TIME8.		Estimated model walk time
25	WAVE	Num	8	196			Wave of survey
26	W_O_RP	Num	8	204			Week of reporting period
27	W_O_S	Num	8	212			Week of survey
59	W_O_Y	Num	8	863			Week of year

1.4.2 *Numeric variables*

NAME: ARR_DIS

SOURCE: A (S)

LABEL: Distance to arrival stop

TYPE: Numeric / Continuous

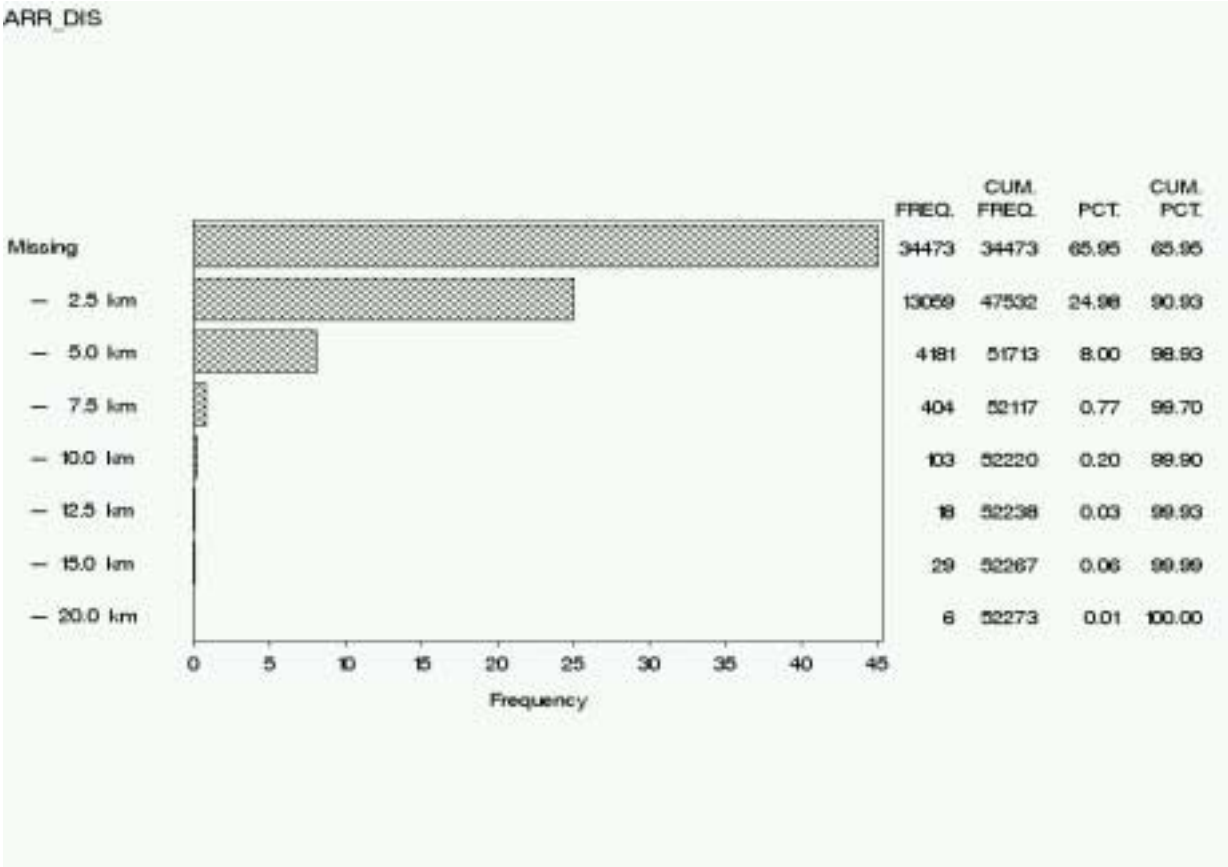
DESCRIPTION / COMMENTS:

Distance to arrival bus / tram / train stop [m]

RELEVANT FORMAT STATEMENTS:

DIST_A, DIST_B, DIST_C, DIST_D, DIST_E, DIST_ED, DIST_F, DIST_G, DIST_MZ, DIST_W

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
17800	34473	2047.45	1377.39	21.0000000	17977.00	1094.00	1801.00	2509.00

NAME: BIKETIME

SOURCE: A (T) / A(.)

LABEL: Estimated model bike time

TYPE: Numeric / Discrete

DESCRIPTION / COMMENTS:

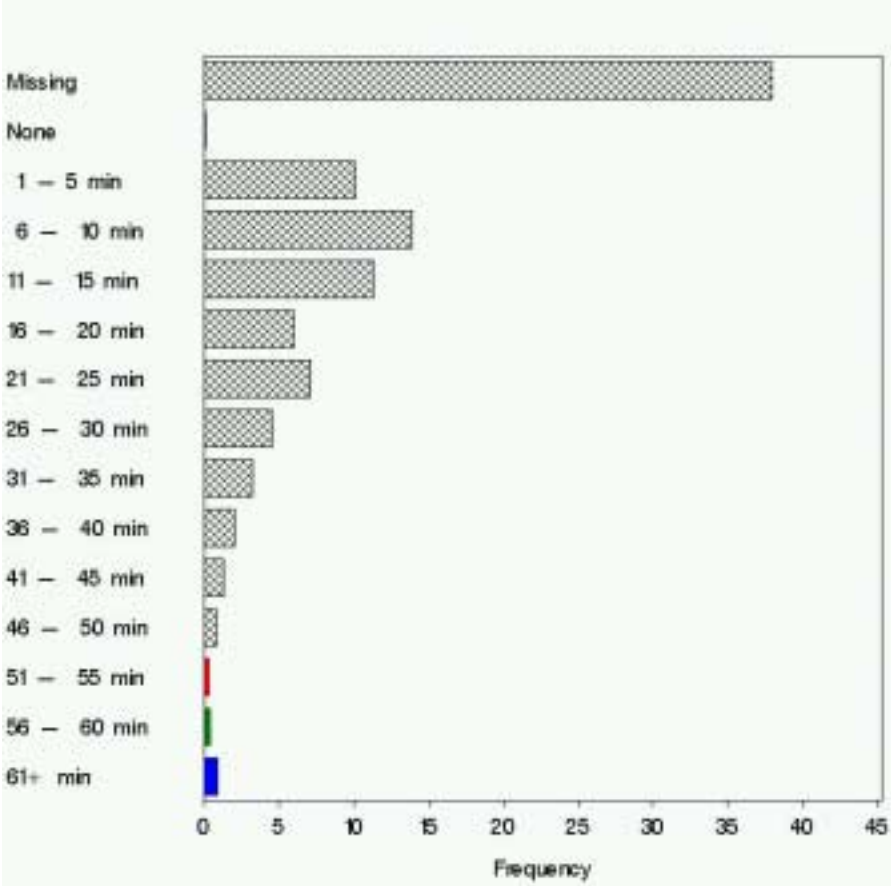
(1), Estimation of model bicycle time (unit: in Dbase in seconds)

RELEVANT FORMAT STATEMENTS:

TI_SEC

FREQUENCIES:

BIKETIME



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	19862	19862	38.00	38.00
None	36	19898	0.07	38.07
1 – 5 min	5282	25180	10.10	48.17
6 – 10 min	7260	32440	13.89	62.06
11 – 15 min	5918	38358	11.32	73.38
16 – 20 min	3128	41486	5.98	79.36
21 – 25 min	3723	45209	7.12	86.49
26 – 30 min	2384	47593	4.56	91.05
31 – 35 min	1671	49264	3.20	94.24
36 – 40 min	1062	50326	2.03	96.28
41 – 45 min	675	51001	1.29	97.57
46 – 50 min	411	51412	0.79	98.35
51 – 55 min	169	51581	0.32	98.68
56 – 60 min	221	51802	0.42	99.10
61+ min	471	52273	0.90	100.00

SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
32411	19862	1005.87	830.4268515	0	24654.15	438.9248713	754.4334897	1403.88

NAME: BUS_TT

SOURCE: A (S)

LABEL: Bus travel time

TYPE: Numeric / Discrete

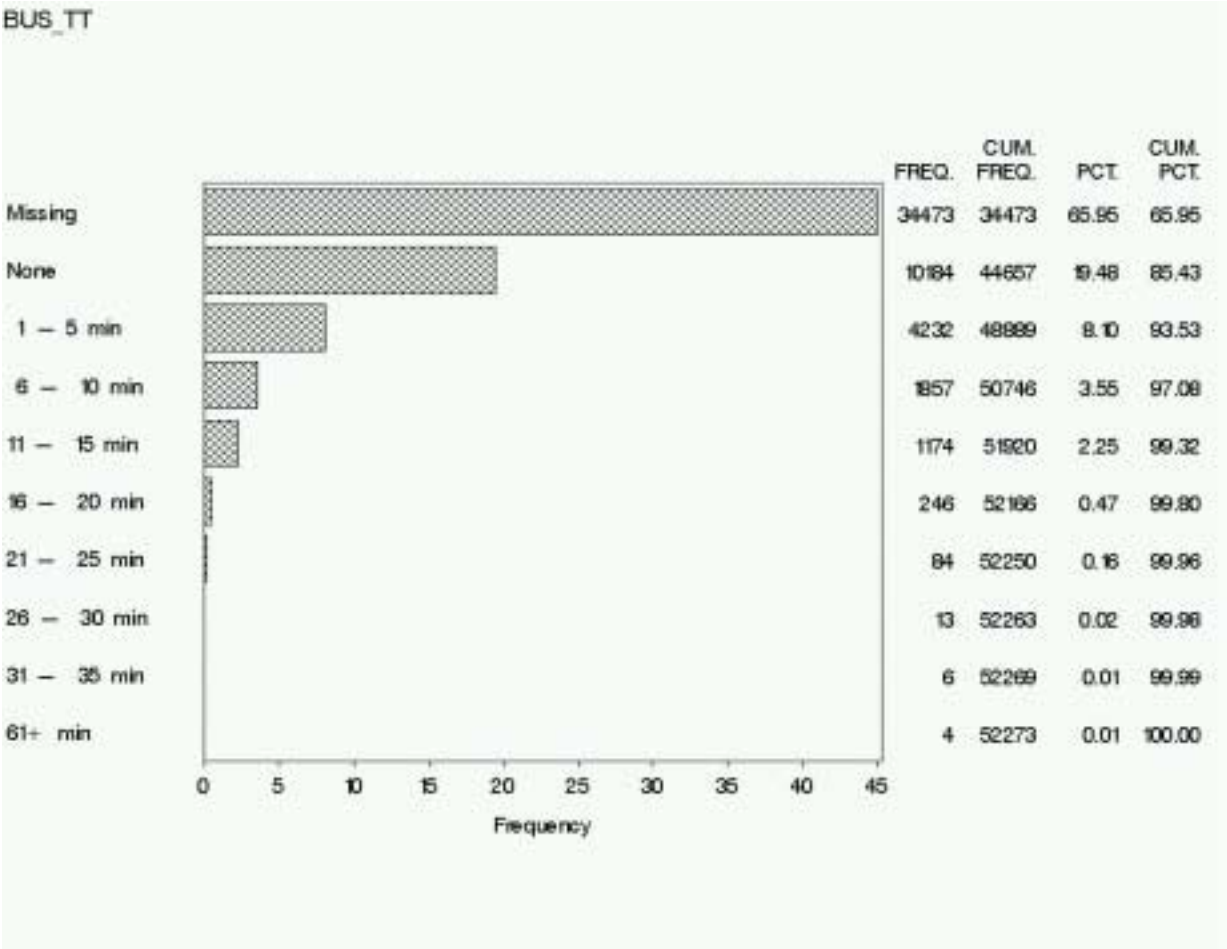
DESCRIPTION / COMMENTS:

Schedule travel time; (unit: in Dbase in seconds)

RELEVANT FORMAT STATEMENTS:

TI_SEC

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
17800	34473	180.1729213	1417.30	0	112338.00	0	0	240.0000000

NAME: CARVARCO

SOURCE: A (.)

LABEL: Variable car cost of trip

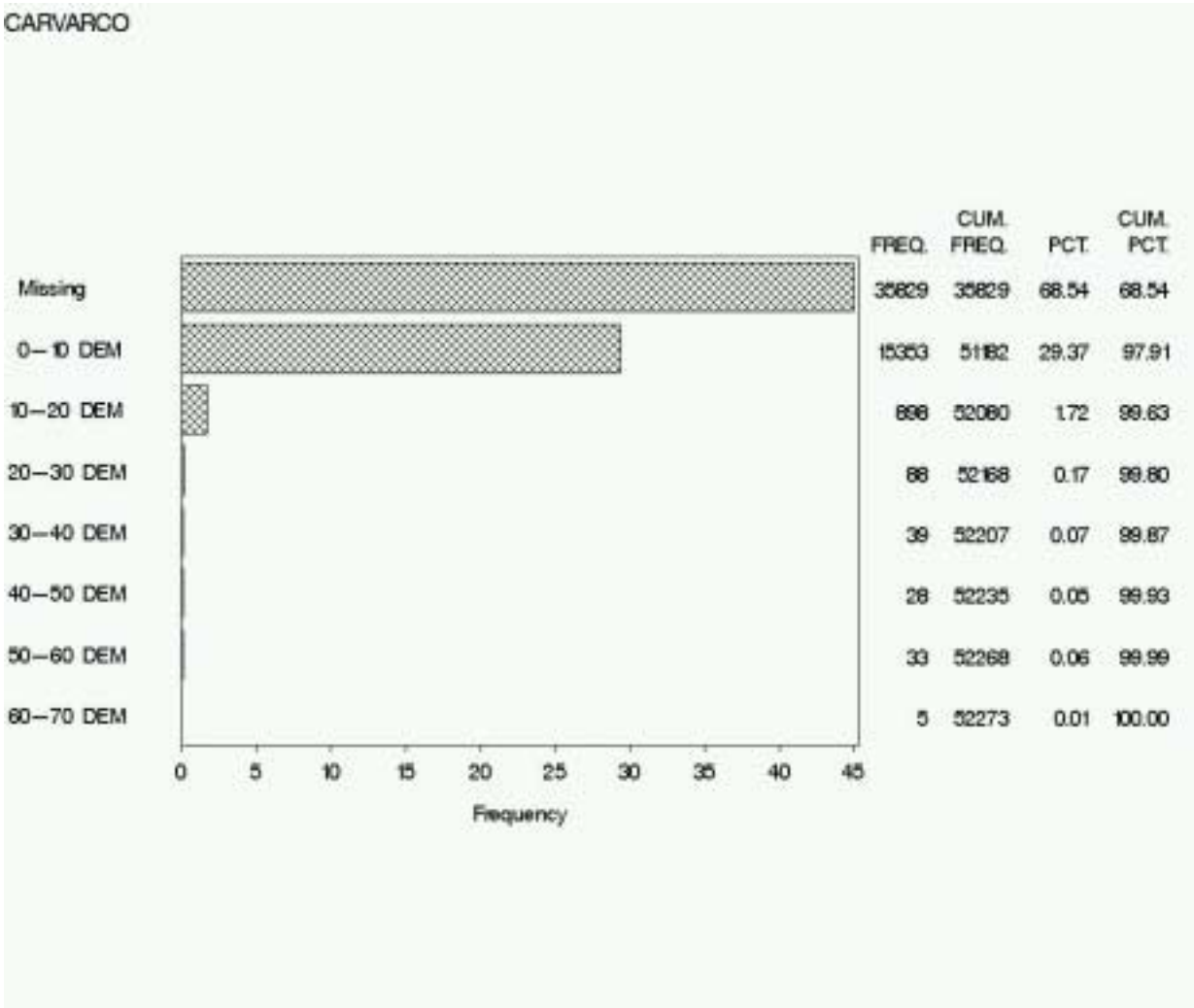
TYPE: Numeric / Continuous

DESCRIPTION / COMMENTS:

(2), Cost estimate [DEM], ADAC

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
16444	35829	3.7577770	4.9483837	0	69.2019900	1.0182000	2.3076950	4.7849900

NAME: CHANGES

SOURCE: A (S)

LABEL: Number of changes on route

TYPE: Numeric / Discrete

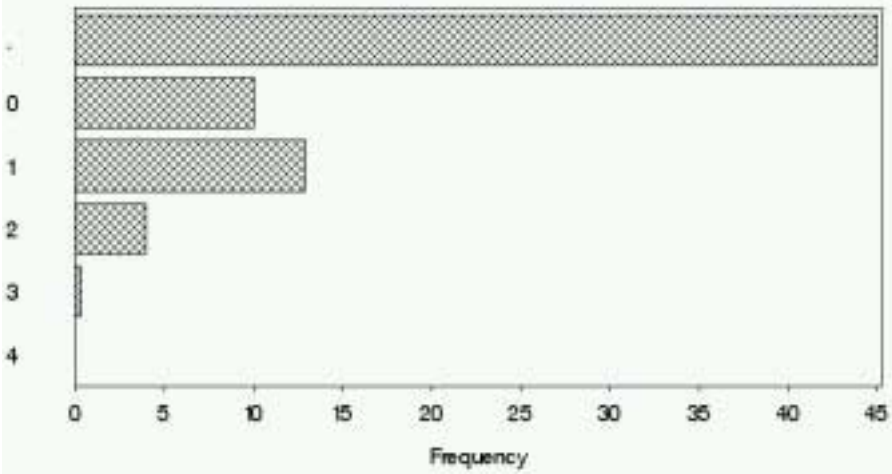
DESCRIPTION / COMMENTS:

Number of changes on route in schedule generated by timetable server

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

CHANGES



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
.	38017	38017	72.73	72.73
0	5242	43259	10.03	82.76
1	6753	50012	12.92	95.67
2	2073	52085	3.97	99.64
3	181	52266	0.35	99.99
4	7	52273	0.01	100.00

NAME: CITYCODE

SOURCE: R

LABEL: Citycode

TYPE: Numeric / Discrete

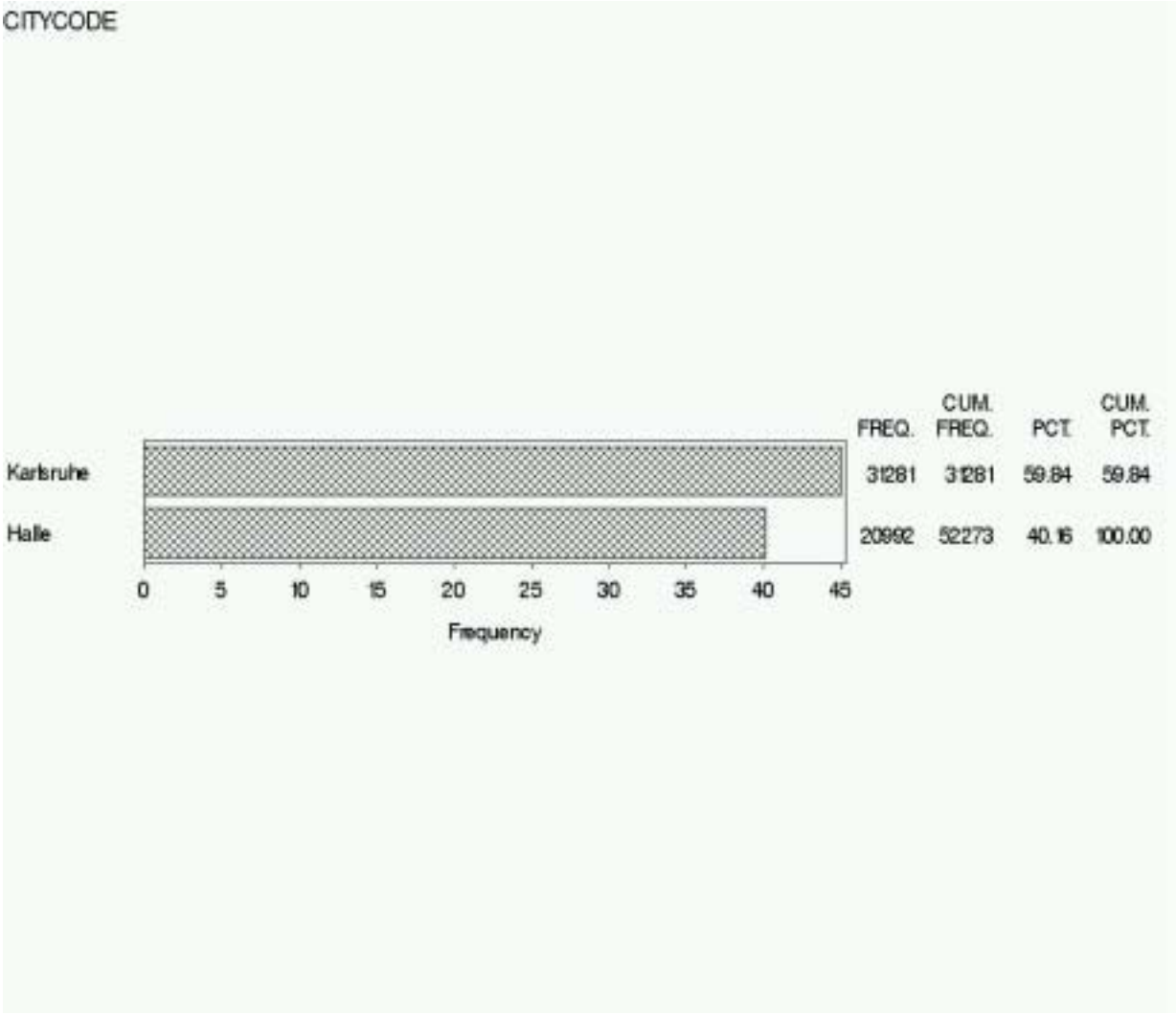
DESCRIPTION / COMMENTS:

Index variable

RELEVANT FORMAT STATEMENTS:

CITYCODE

FREQUENCIES:



NAME: CM_PUR

SOURCE: A (.)

LABEL: Citymobil category

TYPE: Numeric / Discrete

DESCRIPTION / COMMENTS:

(3) More detailed trip purpose category compared to T_PUR, according to German City:mobil research project

RELEVANT FORMAT STATEMENTS:

PUR_CMD, PUR_E, PUR_X

FREQUENCIES:

CM_PUR

CM_PUR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Work	4755	9.13	4755	9.13
Work related business	1437	2.76	6192	11.89
School	2657	5.10	8849	16.99
Further education/Training	169	0.32	9018	17.31
Pick up/Drop off	1717	3.30	10735	20.61
Shopping: Daily	4655	8.94	15390	29.54
Shopping: Non-daily demand	1847	3.55	17237	33.09
Window shopping	200	0.38	17437	33.47
Private business	4000	7.68	21437	41.15
Meeting relatives/family	74	0.14	21511	41.29
Meeting friends	2625	5.04	24136	46.33
Group/Club meeting	790	1.52	24926	47.84
Car care and refuelling	107	0.21	25033	48.05
Active sports	1345	2.58	26378	50.63
Excursion: Nature	216	0.41	26594	51.05
Walk or stroll	1813	3.48	28407	54.53
Short trip (whole day)	43	0.08	28450	54.61
Garden/Cottage	658	1.26	29108	55.87
Excursion: Culture	228	0.44	29336	56.31
Disco, pub, restaurant, cinema, etc.	1360	2.61	30696	58.92
Home	21208	40.71	51904	99.63
Other	194	0.37	52098	100.00

Frequency Missing = 175

NAME: CODE_AUX

SOURCE: A (.)

LABEL: City/study identifier

TYPE: Numeric / Discrete

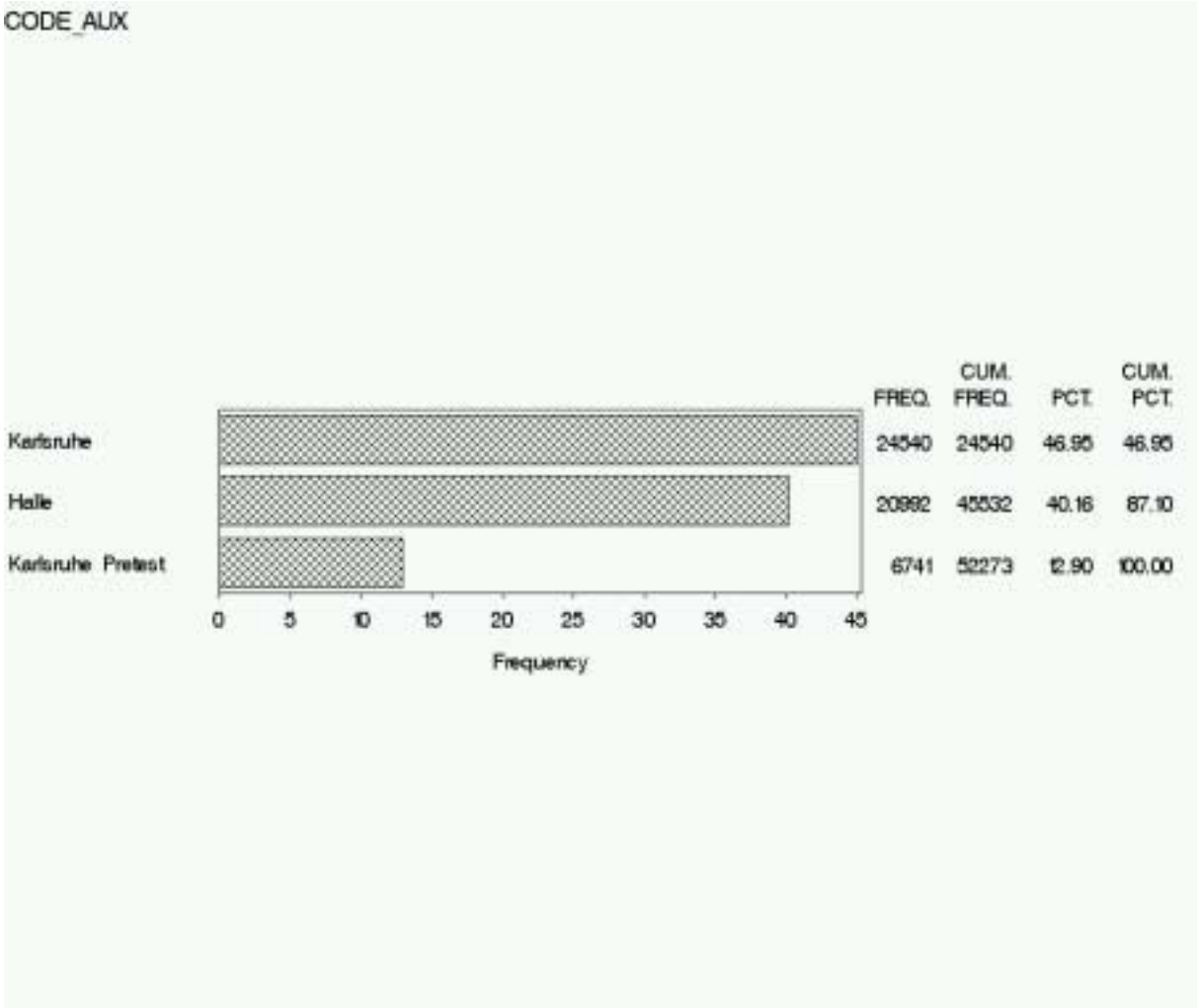
DESCRIPTION / COMMENTS:

Study-/citycode combination

RELEVANT FORMAT STATEMENTS:

CITY_A

FREQUENCIES:



NAME: DEP_DIS

SOURCE: A (T)

LABEL: Distance to departure stop

TYPE: Numeric / Continuous

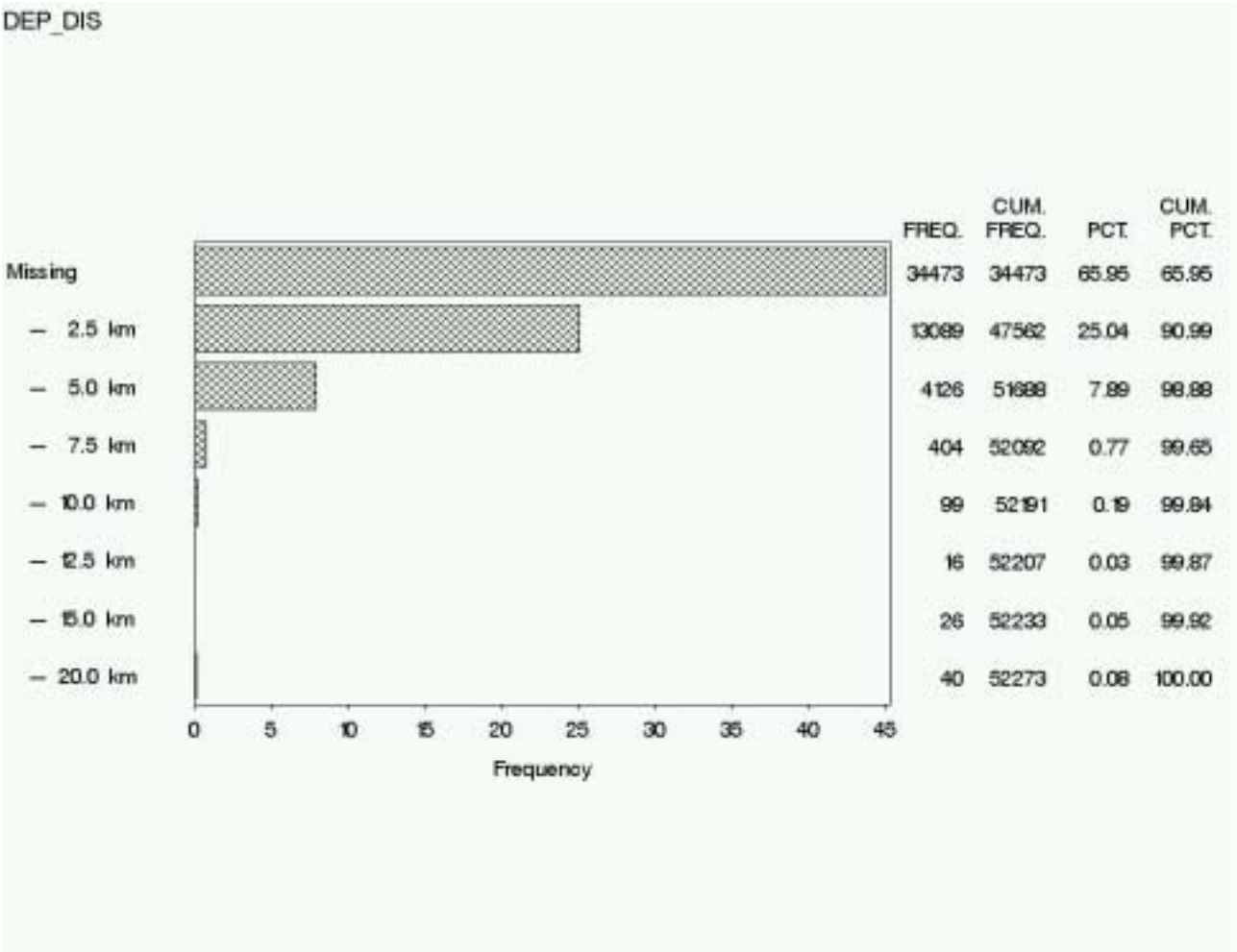
DESCRIPTION / COMMENTS:

Distance to departure bus / tram / train stop [m]

RELEVANT FORMAT STATEMENTS:

DIST_A, DIST_B, DIST_C, DIST_D, DIST_E, DIST_ED, DIST_F, DIST_G, DIST_MZ, DIST_W

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
17800	34473	2083.61	1571.61	21.0000000	20000.00	1131.00	1805.00	2508.00

NAME: DOG

SOURCE: R

LABEL: Dog present

TYPE: Numeric / Discrete

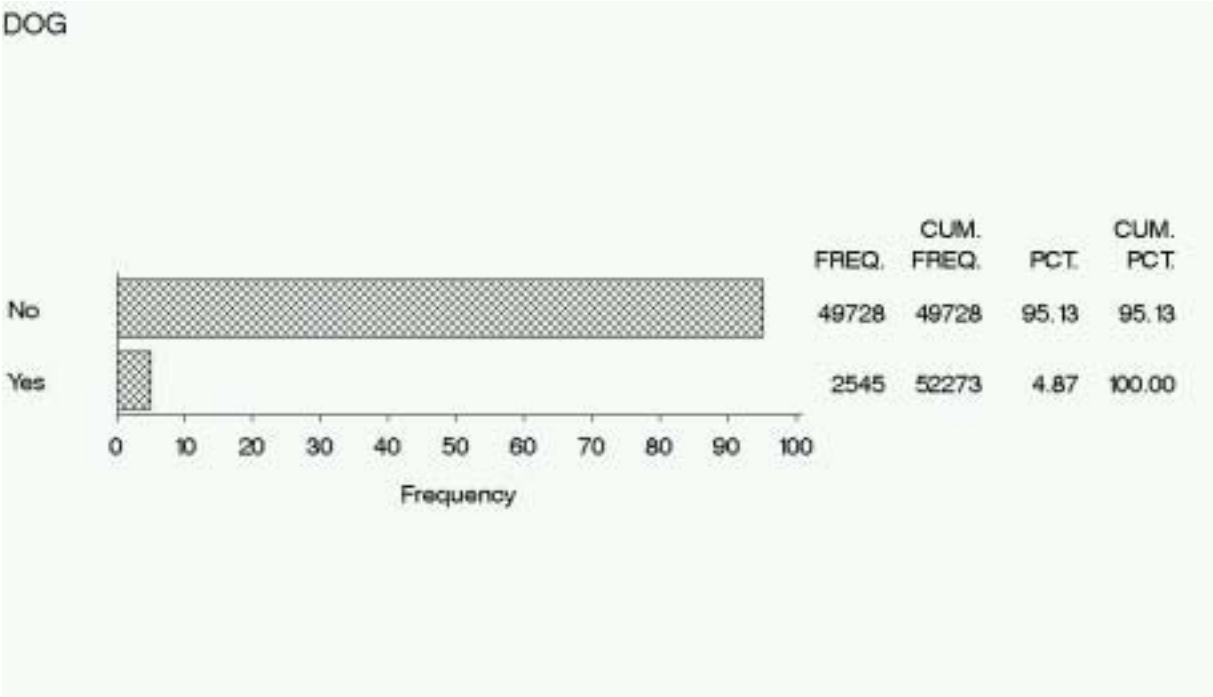
DESCRIPTION/COMMENTS:

Dog present during trip

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: D_O_RP

SOURCE: R

LABEL: Day of reporting period

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

From first day of personal reporting period

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: D_O_S

SOURCE: R

LABEL: Day of survey

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

From first day of survey period

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: D_O_W

SOURCE: R

LABEL: Day of week

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

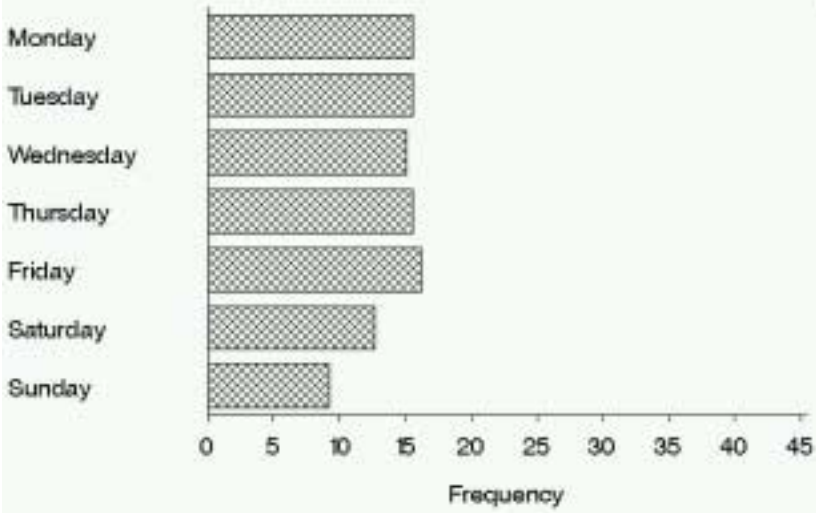
Dog present during trip

RELEVANT FORMAT STATEMENTS:

D_O_W, D_O_W_B, D_O_W_C, D_O_W_E

FREQUENCIES:

D_O_W



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Monday	8137	8137	15.57	15.57
Tuesday	8129	16266	15.55	31.12
Wednesday	7903	24169	15.12	46.24
Thursday	8141	32310	15.57	61.81
Friday	8482	40792	16.23	78.04
Saturday	6645	47437	12.71	90.75
Sunday	4836	52273	9.25	100.00

NAME: D_O_Y

SOURCE: R

LABEL: Day of year

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Calendar day

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: FREQTAGE

SOURCE: R

LABEL: Amount of reported mobile days

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Mobile days only, excluding immobile days and days with long distance journeys

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

see P_SUM file for FREQUENCIES:

NAME: GCWGS84X

SOURCE: A(.)

LABEL: Coordinate X

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Gauss-Krueger coordinate of trip destination (World Geodetic System 1984); Spatial resolution: building block side level for Cities of Karlsruhe and Halle, municipality centroid level: Bundesländer Baden-Würtemberg (Karlsruhe sub-survey) and Sachsen-Anhalt (Halle-sub-survey), all other Bundesländer and non-domestic trips: capitals' geocodes

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: GCWGS84Y

SOURCE: A (.)

LABEL: Coordinate Y

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Gauss-Krueger coordinate of trip destination (World Geodetic System 1984); Spatial resolution: building block side level for Cities of Karlsruhe and Halle, municipality centroid level: Bundesländer Baden-Würtemberg (Karlsruhe sub-survey) and Sachsen-Anhalt (Halle-sub-survey), all other Bundesländer and non-domestic trips: capitals' geocodes

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: HH_NR

SOURCE: R

LABEL: Household number

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Index variable

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: HOMEX

SOURCE: A (.)

LABEL: Household location (X-coor)

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Gauss-Krueger coordinate of trip destination (World Geodetic System 1984); Spatial resolution: building block side level

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: HOMEY

SOURCE: A (.)

LABEL: Household location (Y-coor)

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Gauss-Krueger coordinate of trip destination (World Geodetic System 1984); Spatial resolution: building block side level

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: JTRIP

SOURCE: A (.)

LABEL: Joint trip yes/no

TYPE: Numeric / Discrete

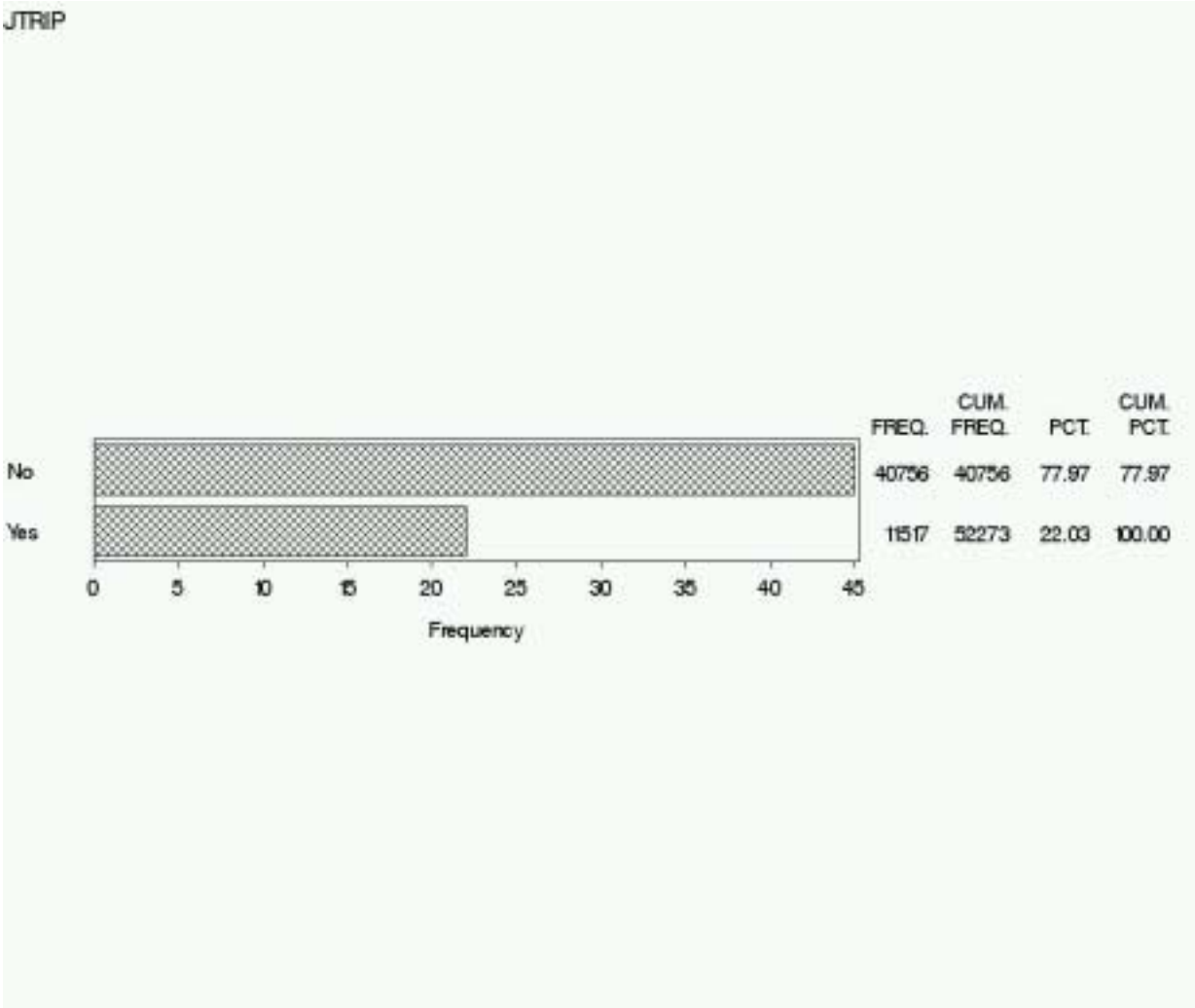
DESCRIPTION/COMMENTS:

Household members only considered

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: J_DAY

SOURCE: R

LABEL: Journey number within day

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Sequential by day, index variable

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: J_NR

SOURCE: R

LABEL: Journey number

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Sequential over all 42 days, index variable

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: LOCAL

SOURCE: A (.)

LABEL: Trip to location in city boundary

TYPE: Numeric / Discrete

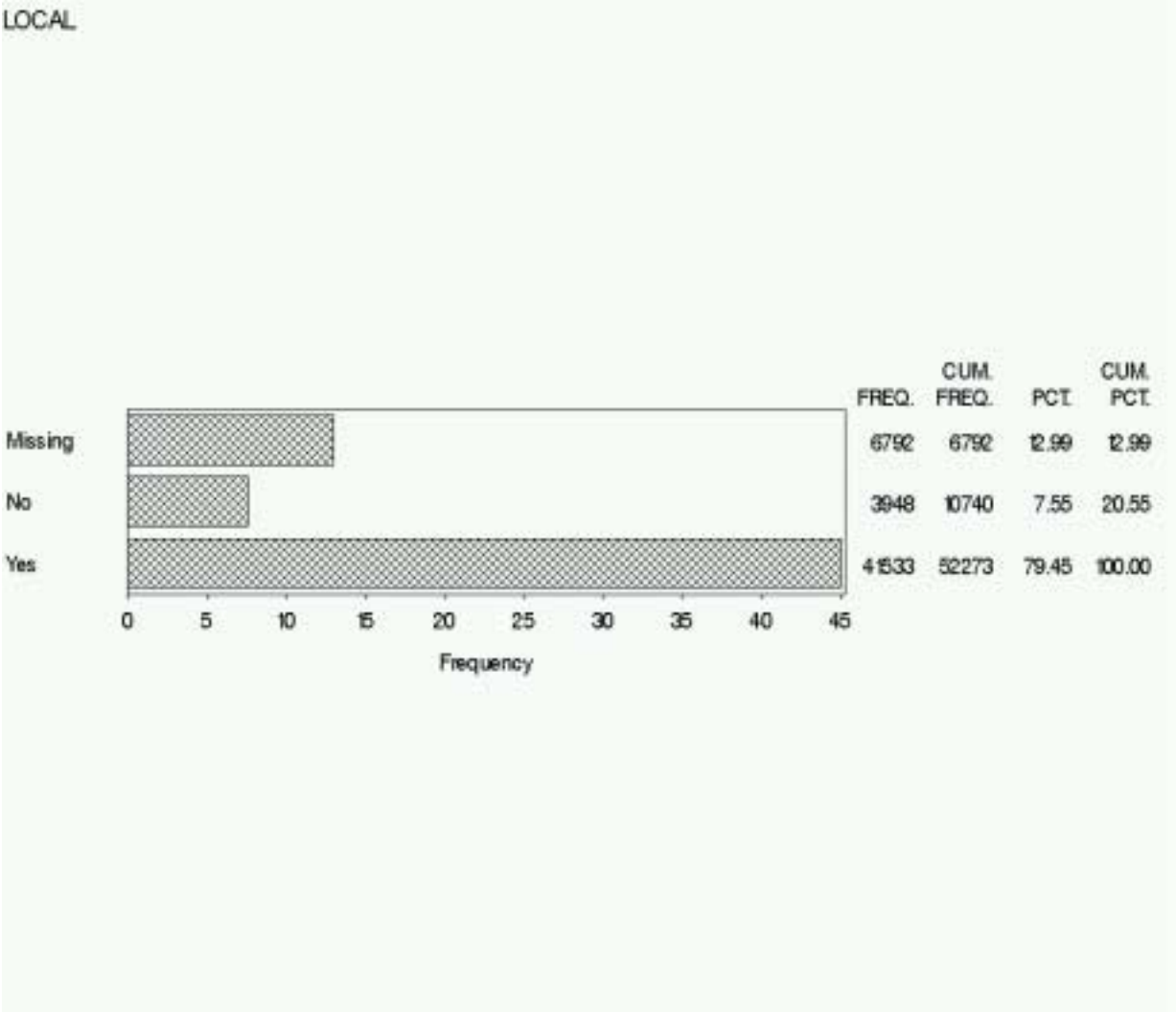
DESCRIPTION/COMMENTS:

If destination is within the municipalities of Karlruhe or Halle; relevant for geocode level of spatial resolution (see GCWGS84X and GCWGS84Y)

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: LONGTRIP

SOURCE: A (.)

LABEL: Long distance trip

TYPE: Numeric / Discrete

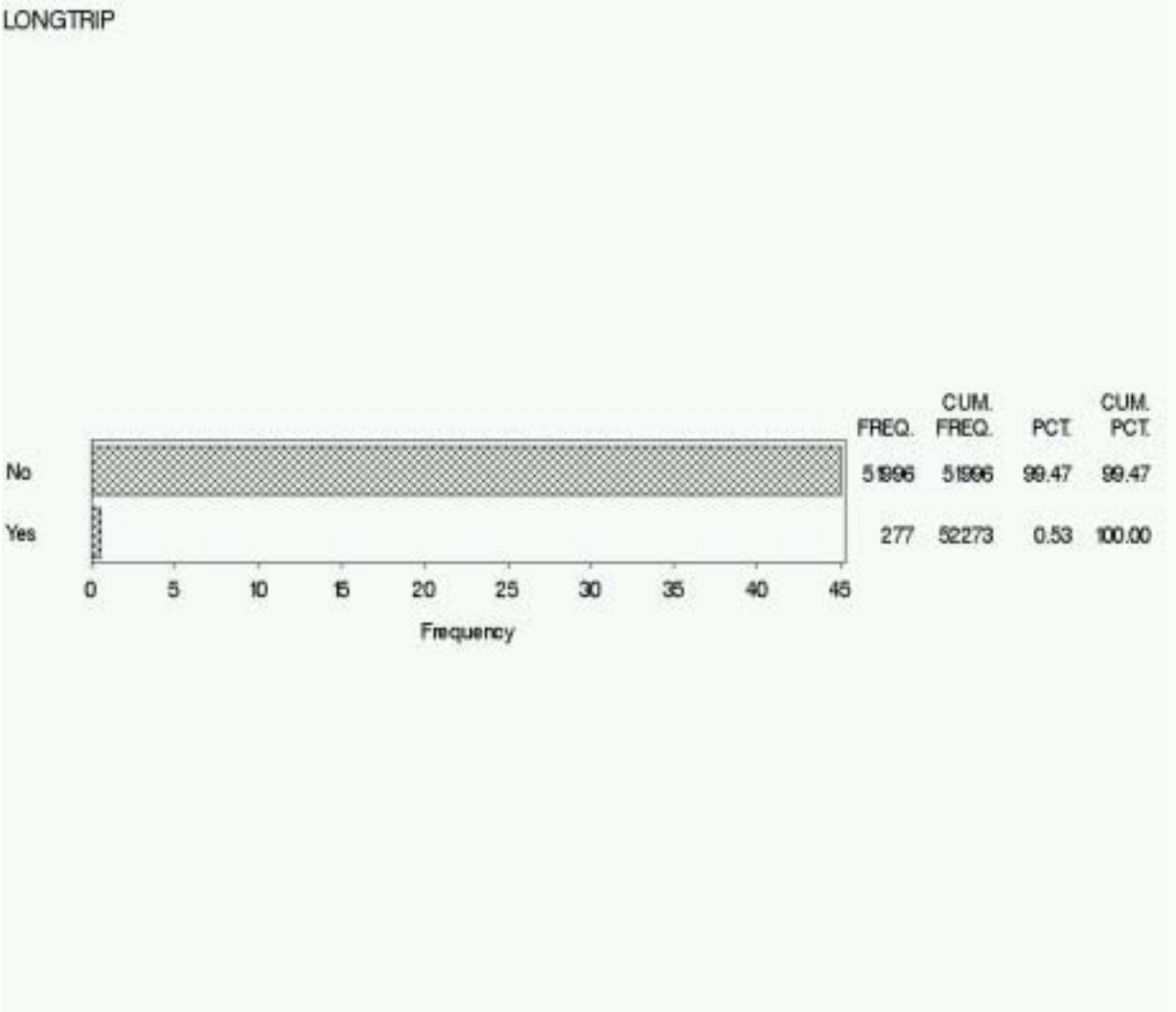
DESCRIPTION/COMMENTS:

(4) trip distance > 100km (referred to the variables L_DAYRET, L_INHOLI, L_OTHER and L_STAYAW)

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: LRT_TT

SOURCE: A (S)

LABEL: LRT travel time

TYPE: Numeric / Discrete

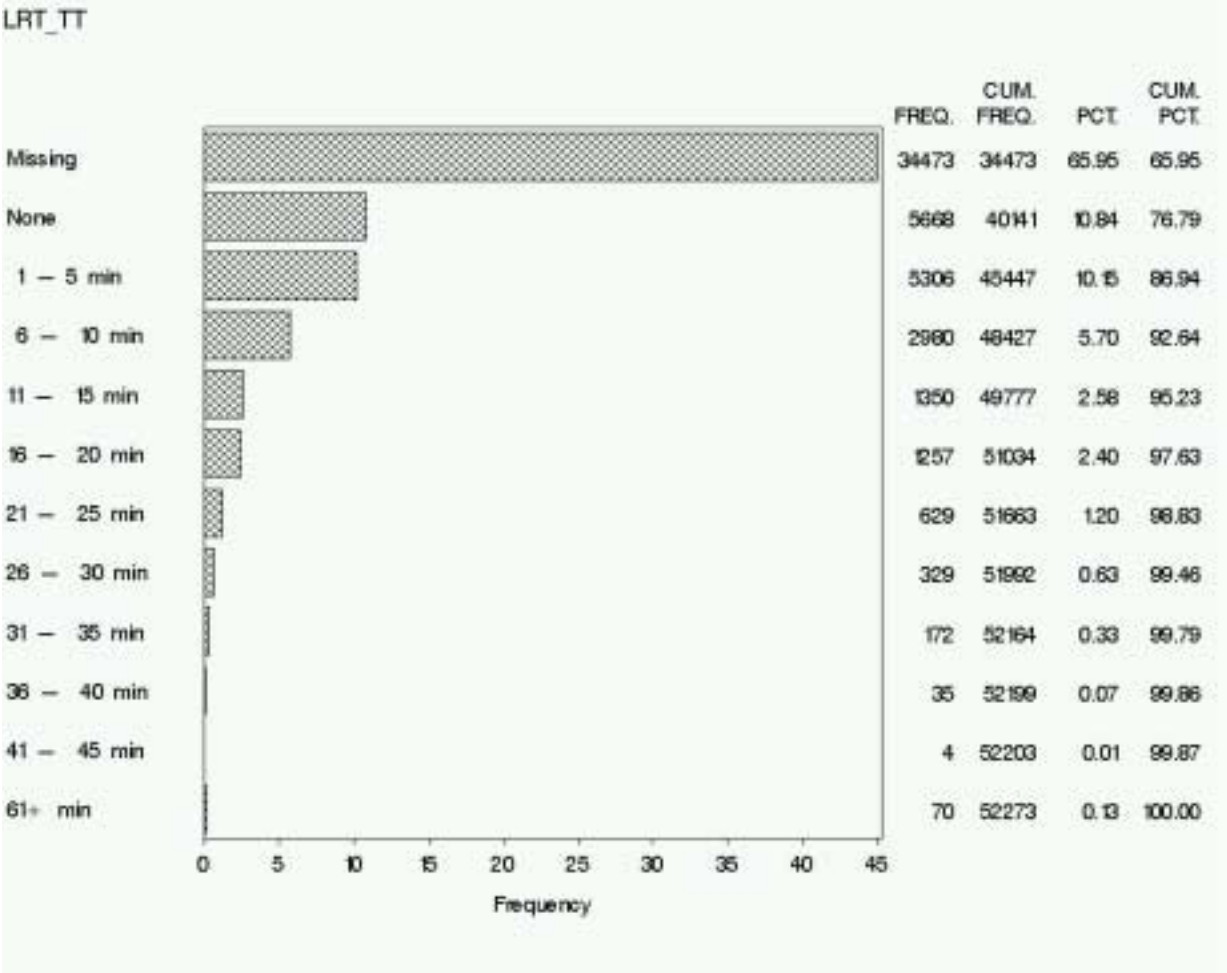
DESCRIPTION/COMMENTS:

Schedule travel times (LRT: Light rail transit (S-Bahn and STR)); (unit: in Dbase in seconds)

RELEVANT FORMAT STATEMENTS:

TI_SEC

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
17800	34473	708.0950562	5504.40	0	112338.00	0	180.0000000	540.0000000

NAME: L_DAYRET

SOURCE: A (.)

LABEL: LDT Dayreturn

TYPE: Numeric / Discrete

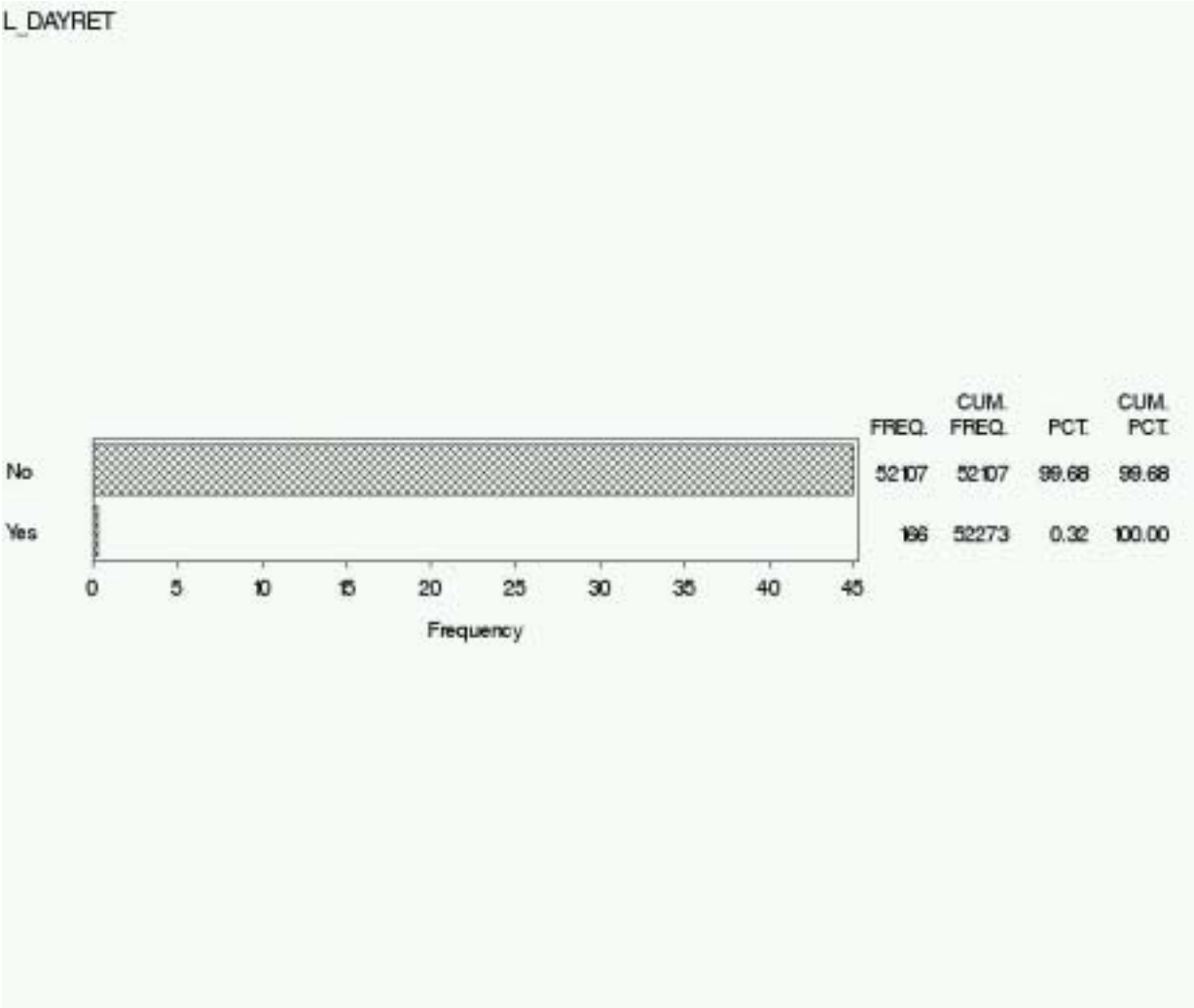
DESCRIPTION/COMMENTS:

(4) Long distance trip with return to home on the same day

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: L_INHOLI

SOURCE: A (.)

LABEL: LDT in LDJ

TYPE: Numeric / Discrete

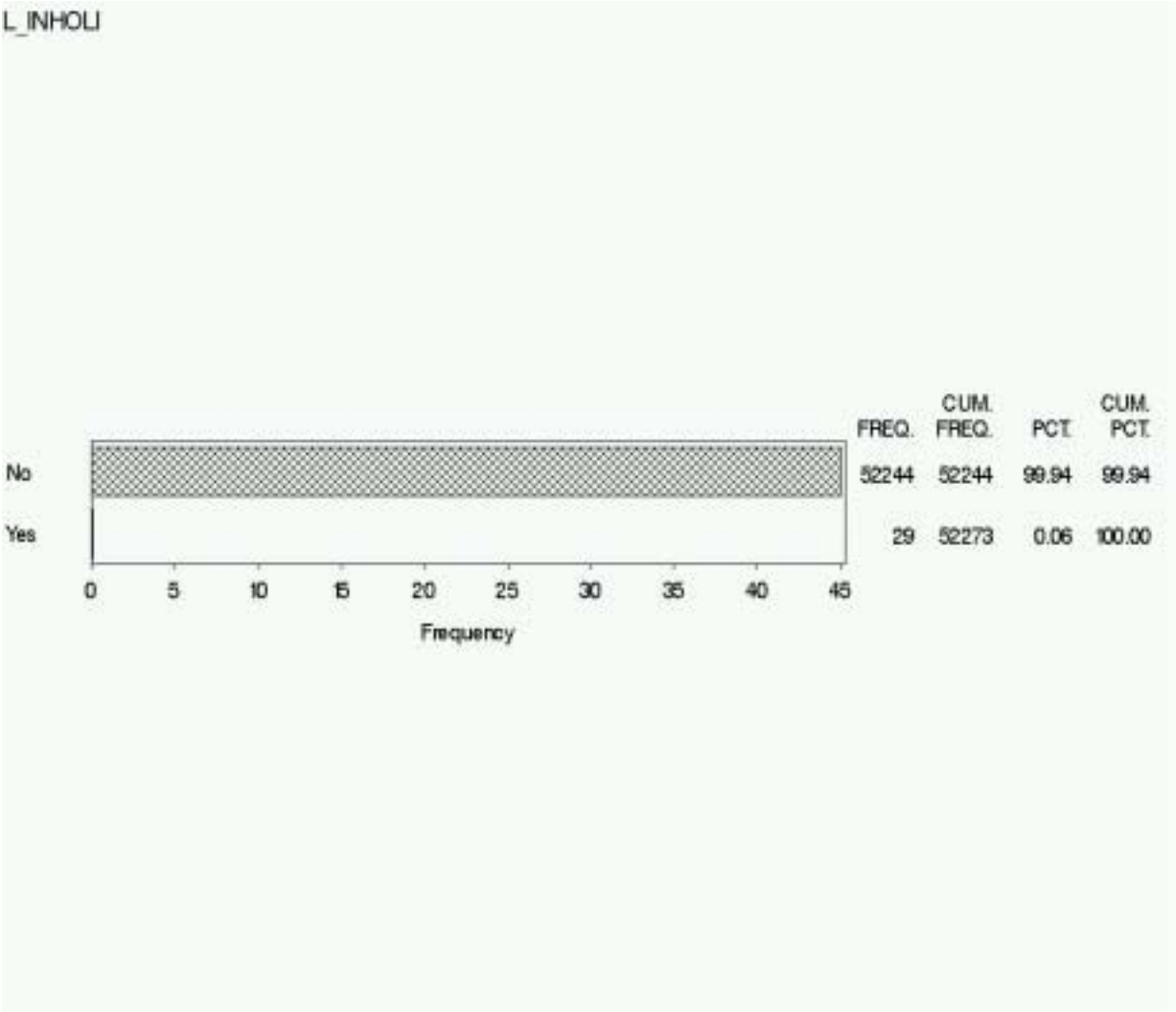
DESCRIPTION/COMMENTS:

(4) Long distance trip to a long distance journey episode

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: L_OTHER

SOURCE: A (.)

LABEL: LDT Other

TYPE: Numeric / Discrete

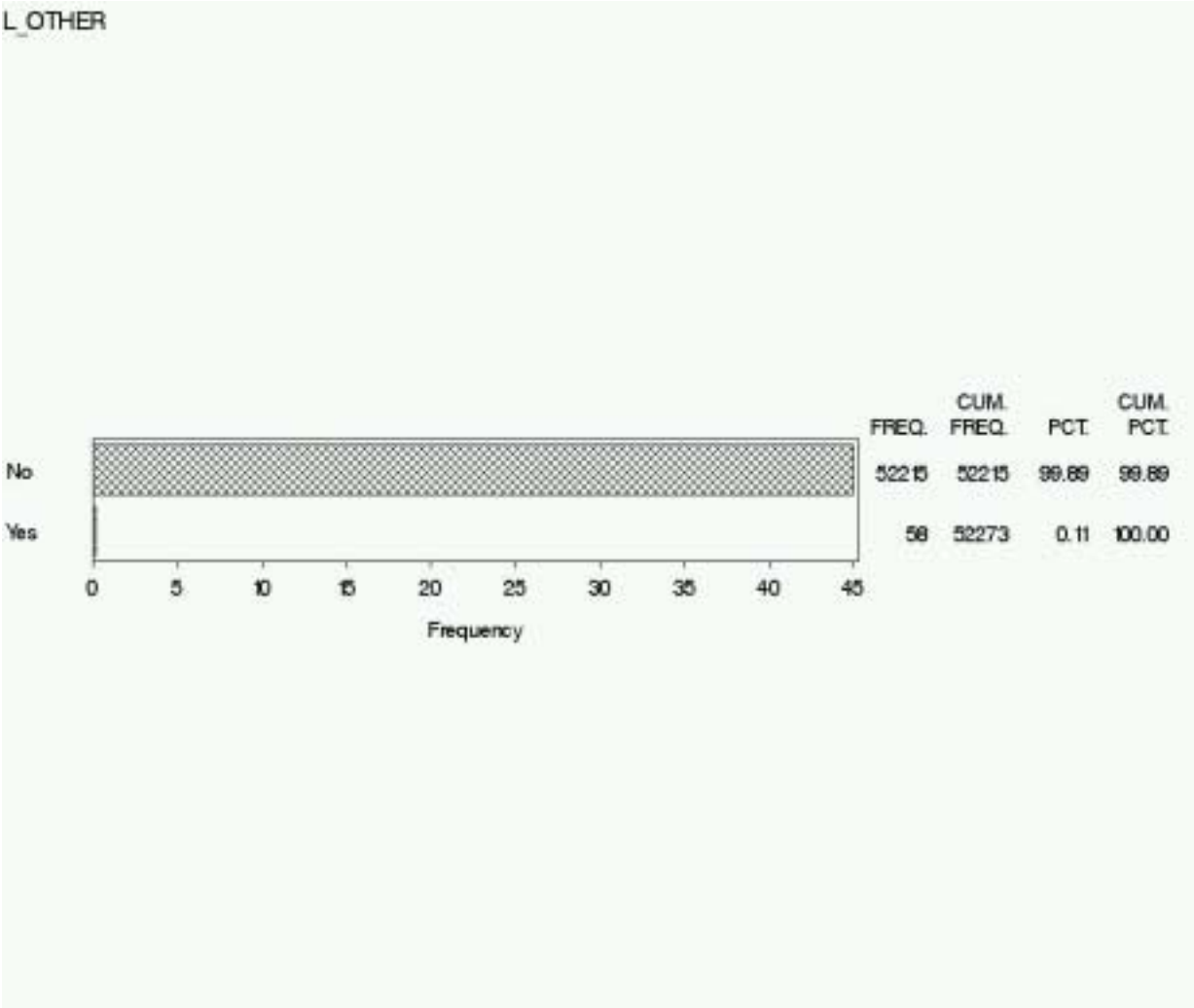
DESCRIPTION/COMMENTS:

(4) Other long distance trip

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: L_STAYAW

SOURCE: A (.)

LABEL: LDT Stay away from home

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

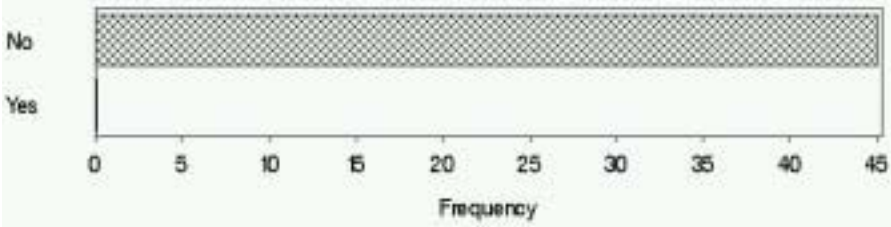
(4) Trips ending out of Karlsruhe resp. Halle region with no return to home

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

L_STAYAW



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	52248	52248	99.95	99.95
Yes	25	52273	0.05	100.00

NAME: LOC_HH

SOURCE: A (.)

LABEL: Household location (zone)

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Identical to HH_SUM

RELEVANT FORMAT STATEMENTS:

LOC_A

FREQUENCIES:

See HH_SUM for FREQUENCIES:

NAME: MOTIVDIS

SOURCE: A (T)

LABEL: Mot. Individual (car) distance

TYPE: Numeric / Continuous

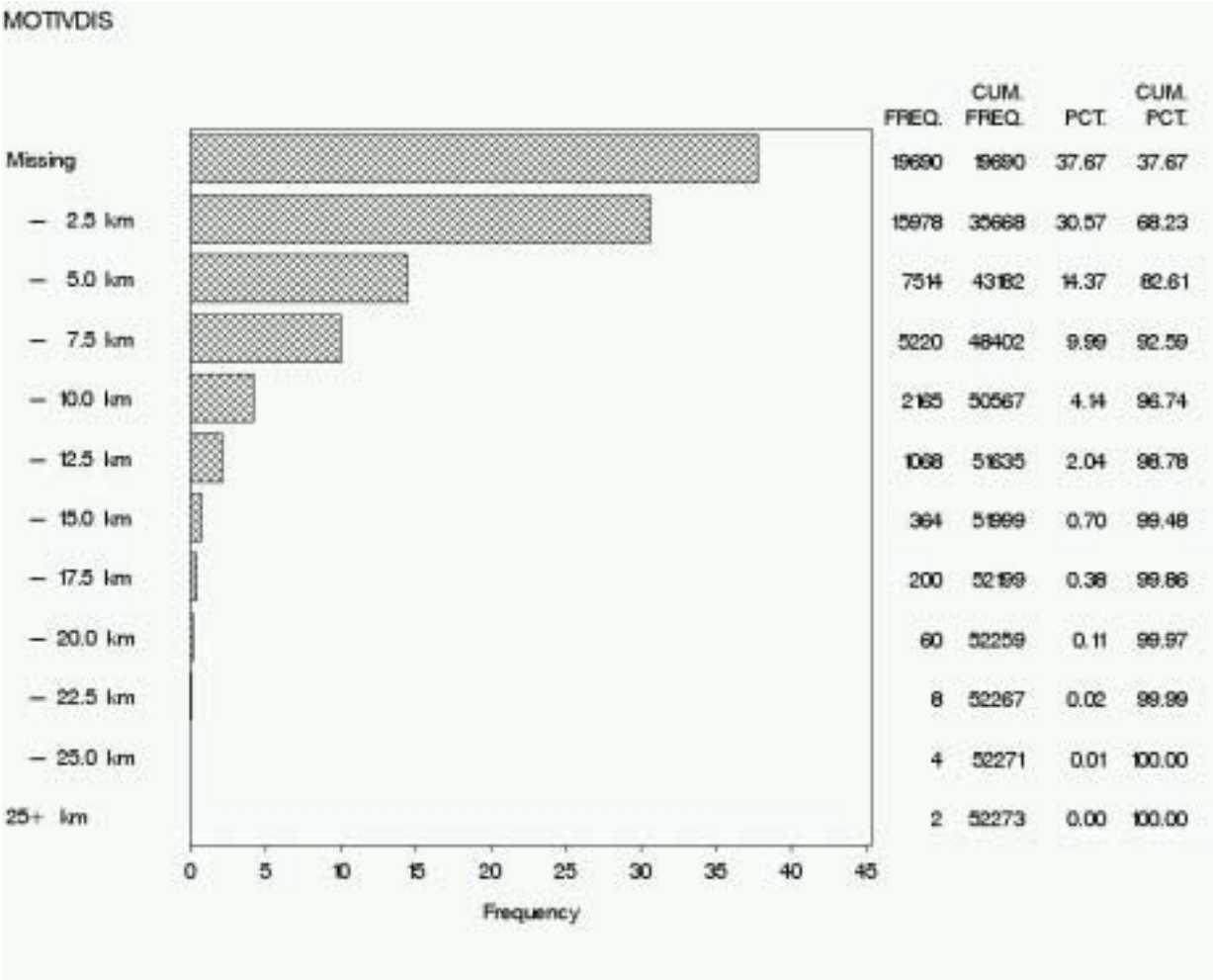
DESCRIPTION/COMMENTS:

Transport model travel distance [m]

RELEVANT FORMAT STATEMENTS:

DIST_A, DIST_B, DIST_C, DIST_D, DIST_E, DIST_ED, DIST_F, DIST_G, DIST_MZ, DIST_W

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
32583	19690	3693.52	3299.19	0	95413.00	1273.00	2573.00	5536.00

NAME: MOTIVTT

SOURCE: A (T)

LABEL: Mot. Individual (car) travel time

TYPE: Numeric / Continuous

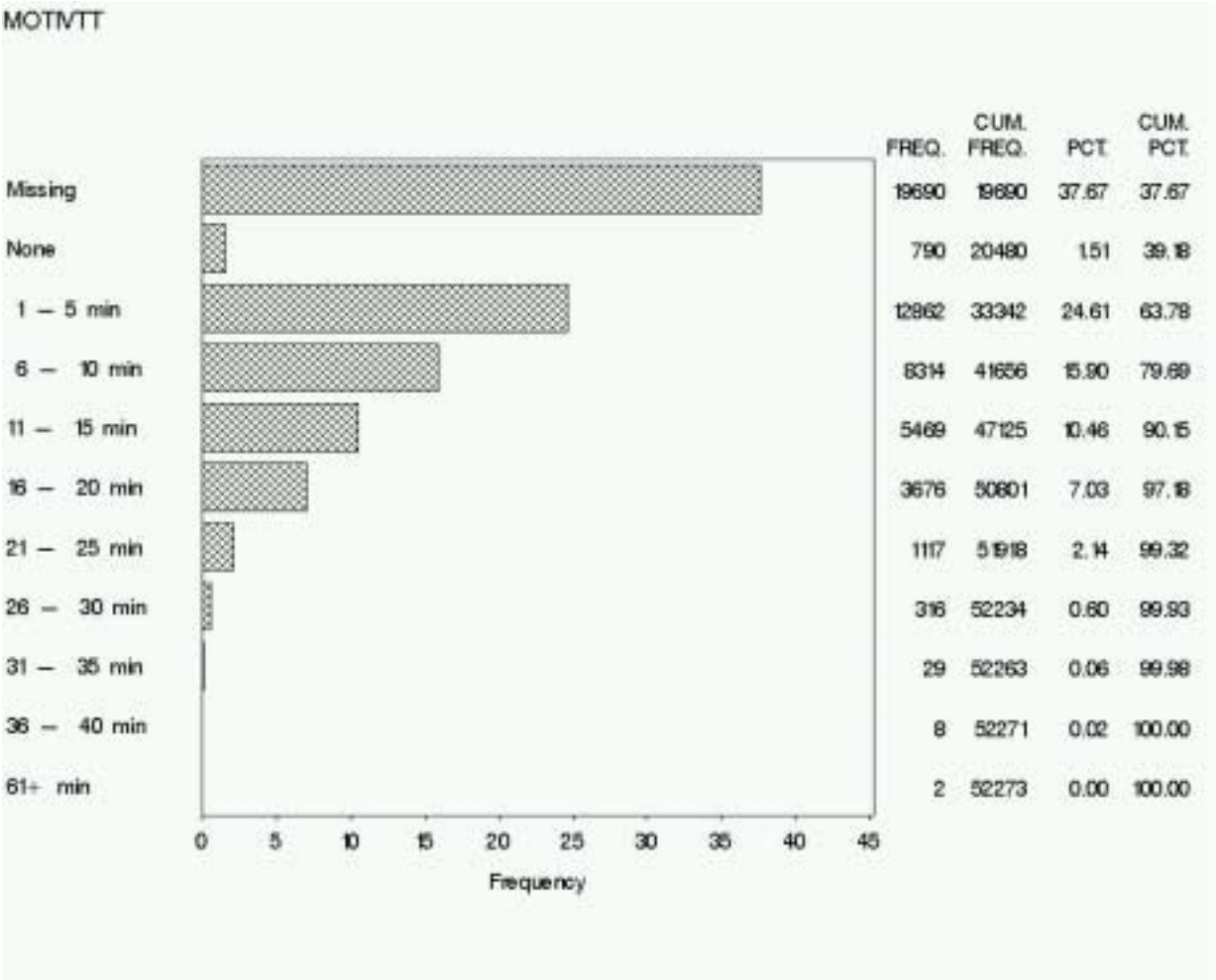
DESCRIPTION/COMMENTS:

Transport model travel time; (unit: in Dbase in seconds)

RELEVANT FORMAT STATEMENTS:

TI_SEC

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
32583	19690	504.9166743	373.0010561	0	8340.00	240.0000000	420.0000000	720.0000000

NAME: NEW_DIS

SOURCE: A (.)

LABEL: Corrected distance

TYPE: Numeric / Continuous

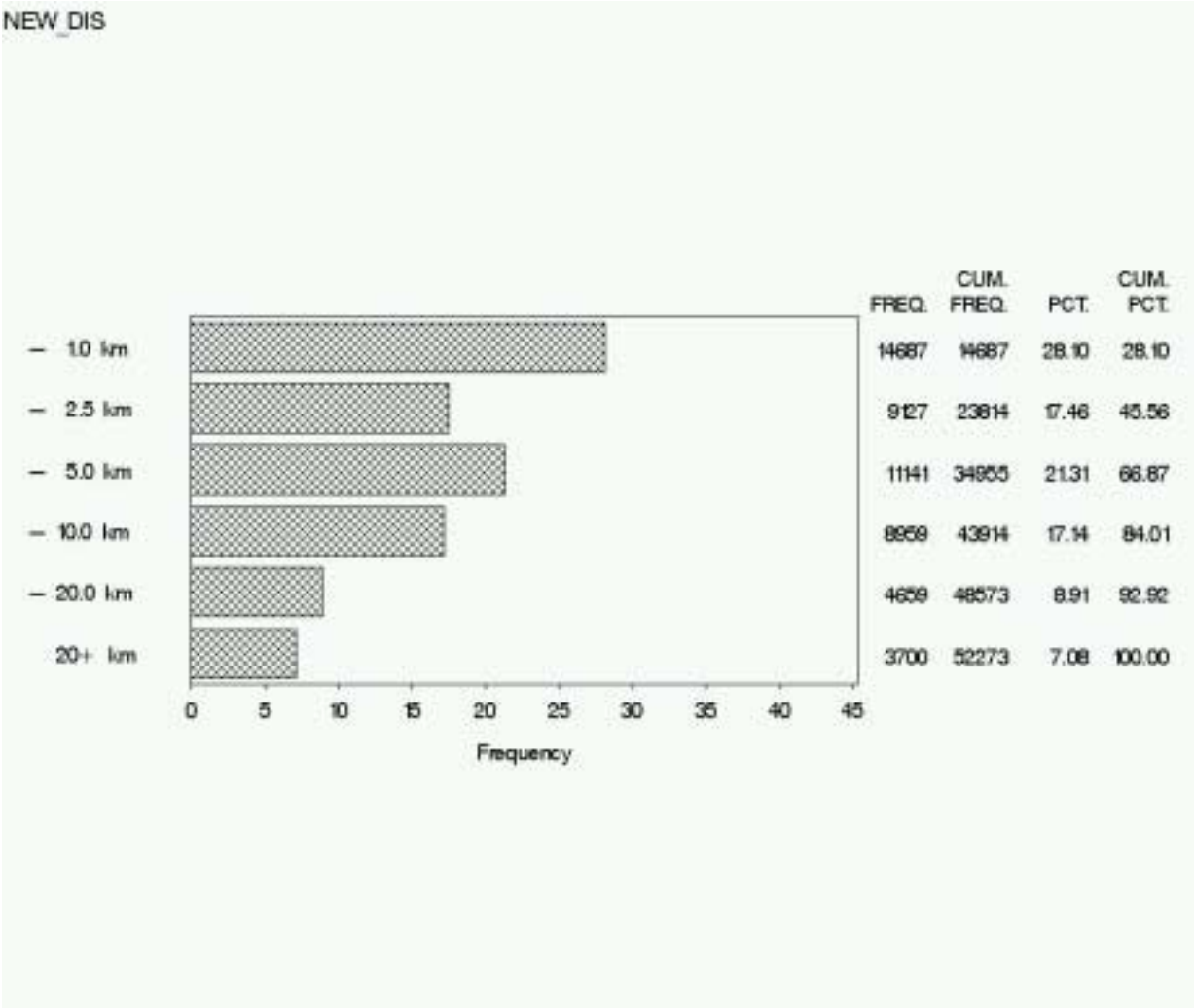
DESCRIPTION/COMMENTS:

(5) [km]

RELEVANT FORMAT STATEMENTS:

DIST_E, DIST_ED etc.

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
52273	0	8.3183599	24.1581907	0	800.0000000	1.0000000	3.0000000	7.0000000

NAME: NEW_SPEE

SOURCE: A (.)

LABEL: Corrected speed

TYPE: Numeric / Continuous

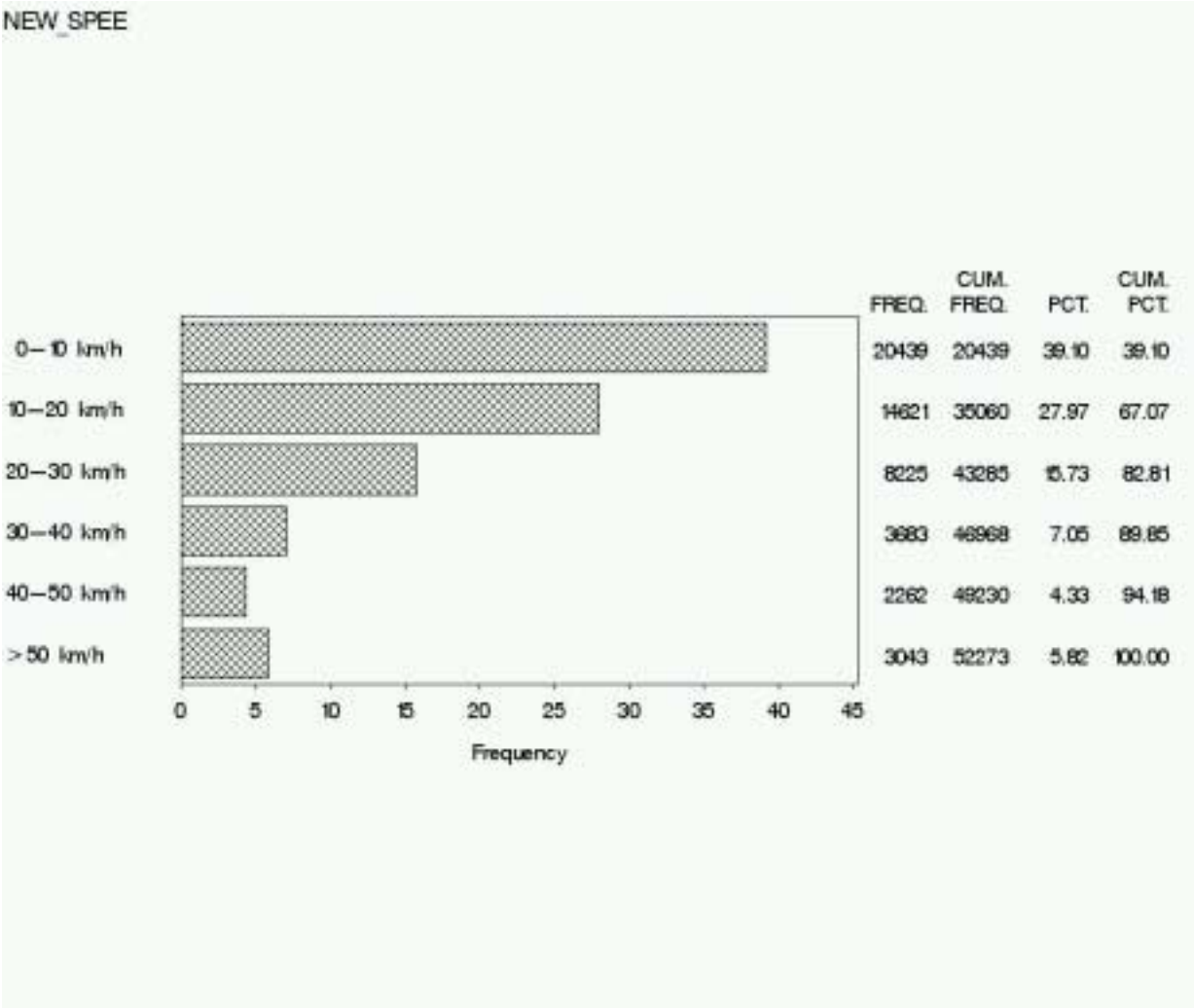
DESCRIPTION/COMMENTS:

(5) [km/h]

RELEVANT FORMAT STATEMENTS:

SPEED

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
52273	0	18.7069824	19.4604891	0	1500.00	6.0000000	13.4000000	24.0000000

NAME: NOP

SOURCE: A (.)

LABEL: Number of HH members in trip

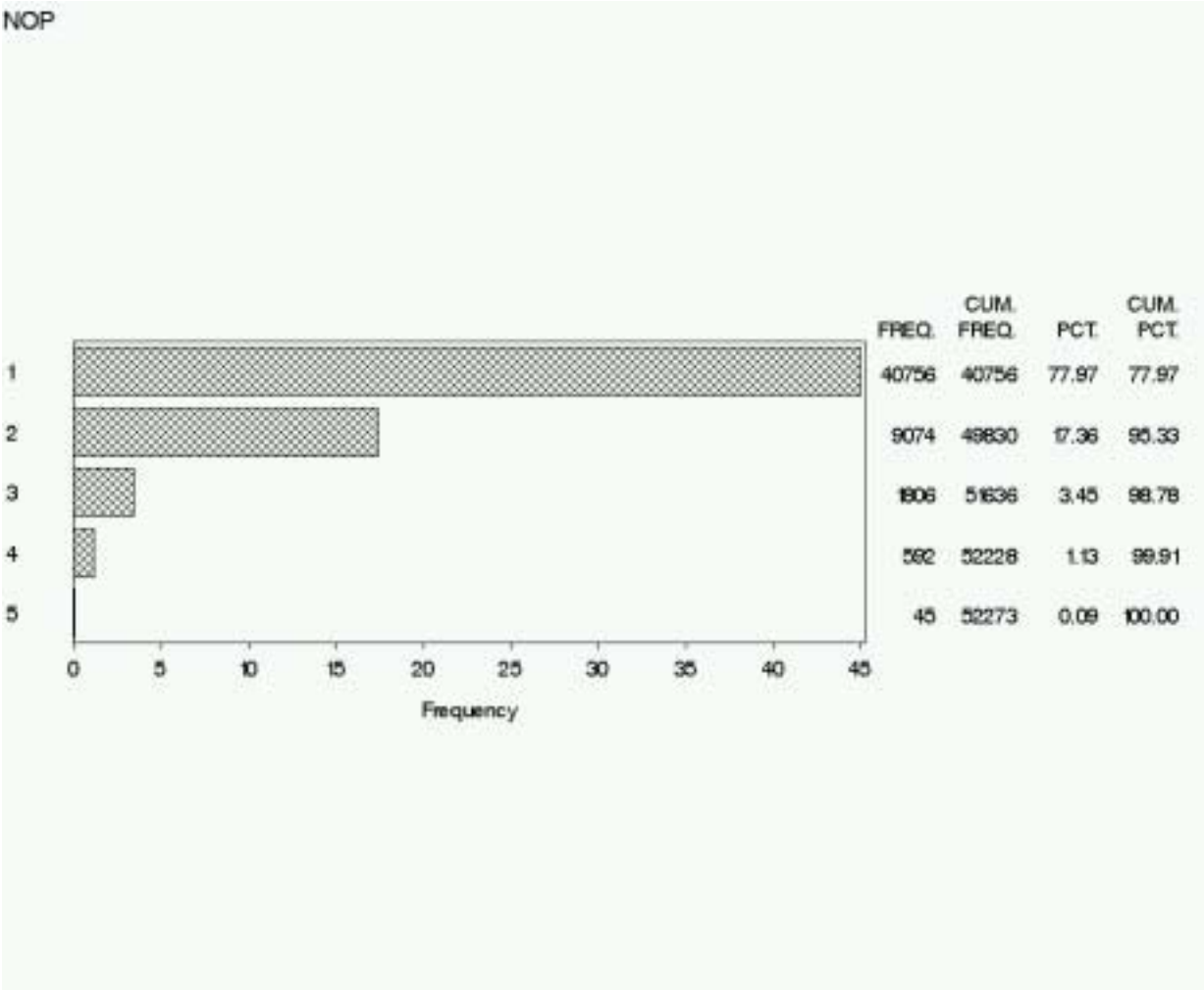
TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

(6) Joint trip; 1: if no joint trip, 2: 2 persons, 3: 3 persons etc.

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
52273	0	1.2801064	0.5907906	1.0000000	5.0000000	1.0000000	1.0000000	1.0000000

NAME: ORIGEXP

SOURCE: R

LABEL: Originally reported trip expenditure

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

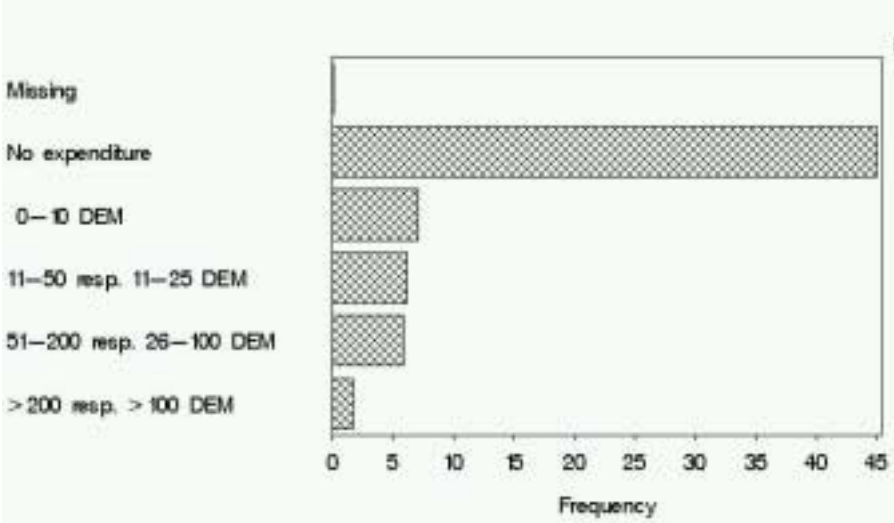
(8) See also T_EXP

RELEVANT FORMAT STATEMENTS:

ORIGEXP

FREQUENCIES:

ORIGEXP



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	35	35	0.07	0.07
No expenditure	41441	41476	79.28	79.34
0–10 DEM	3681	45157	7.04	86.39
11–50 resp. 11–25 DEM	3225	48382	6.17	92.56
51–200 resp. 26–100 DEM	3026	51408	5.79	98.35
>200 resp. >100 DEM	865	52273	1.65	100.00

NAME: PARKCOST

SOURCE: A (.)

LABEL: Theoretical parking cost of trip

TYPE: Numeric / Continuous

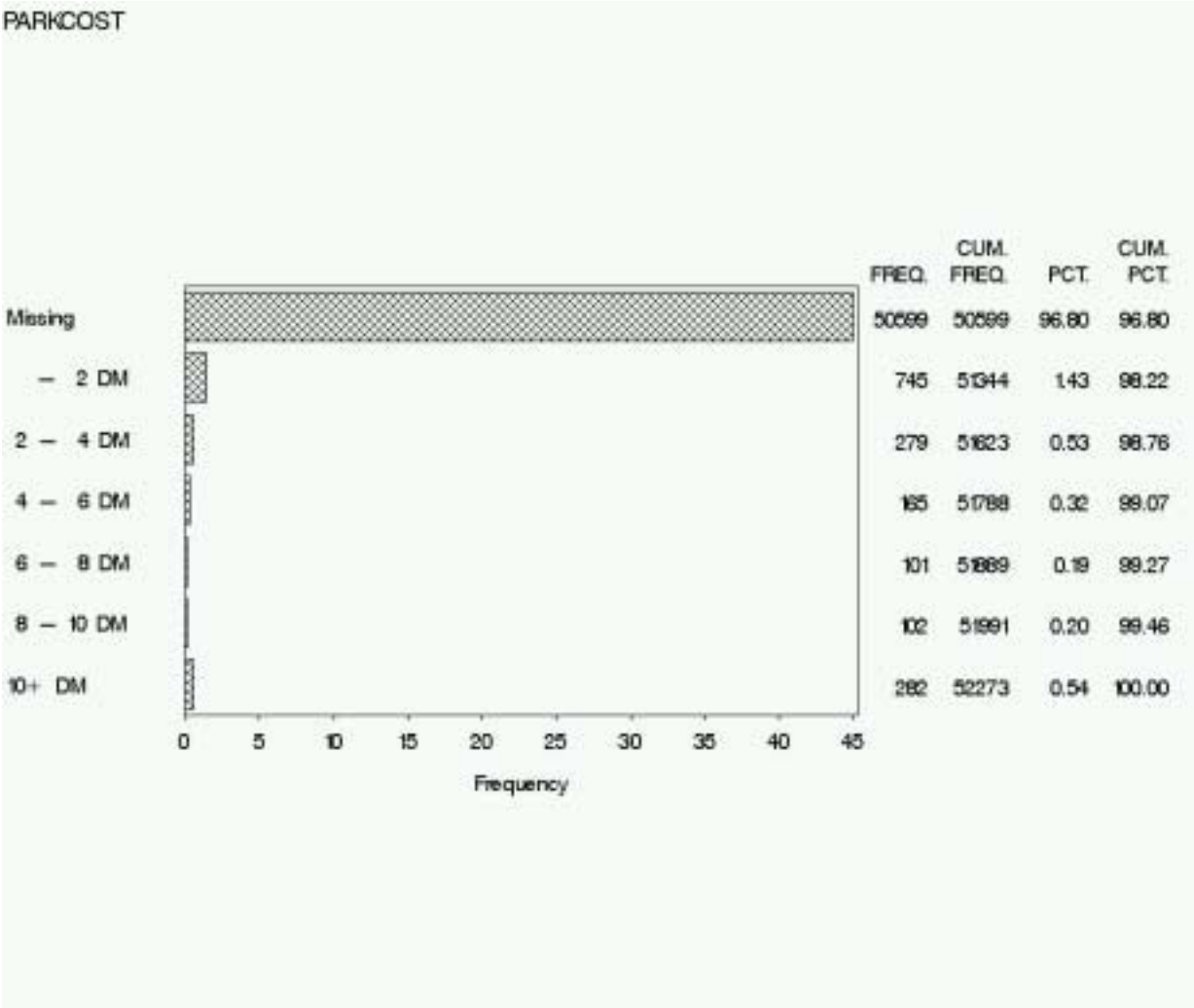
DESCRIPTION/COMMENTS:

(2) Cost estimates [DEM], own assumptions about hourly parking fee

RELEVANT FORMAT STATEMENTS:

PC

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
1674	50599	6.3739546	6.2753088	2.0000000	60.0000000	2.0000000	4.0000000	8.0000000

NAME: PER1

SOURCE: A (.)

LABEL: Person 1 in trip

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

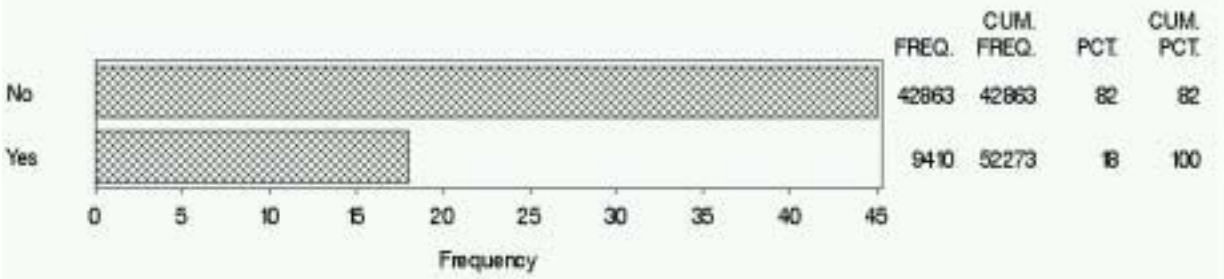
(6) Joint trip household member identification

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

PER1



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	42863	42863	82	82
Yes	9410	52273	18	100

NAME: PER2

SOURCE: A (.)

LABEL: Person 2 in trip

TYPE: Numeric / Discrete

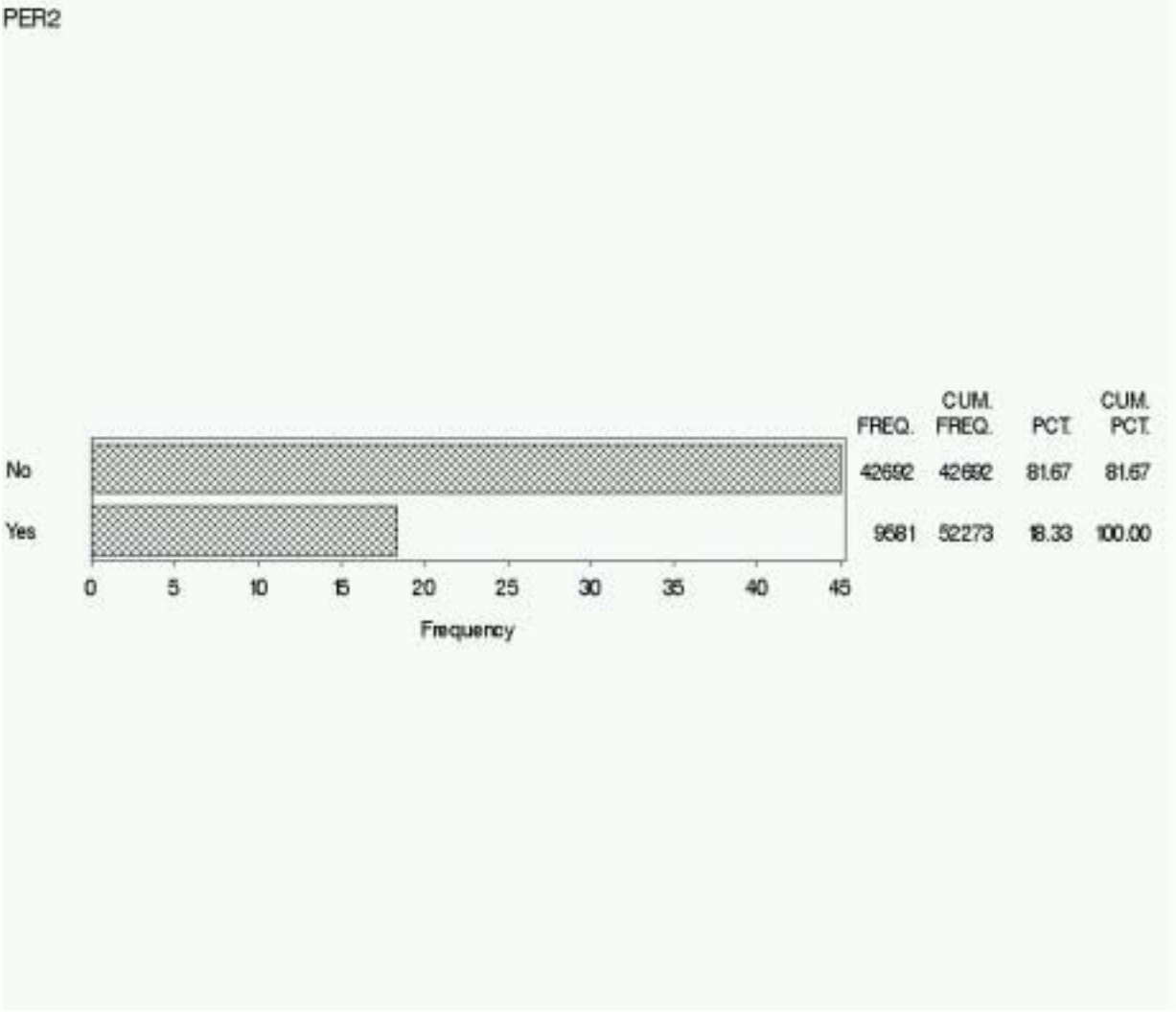
DESCRIPTION/COMMENTS:

(6) Joint trip household member identification

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: PER3

SOURCE: A (.)

LABEL: Person 3 in trip

TYPE: Numeric / Discrete

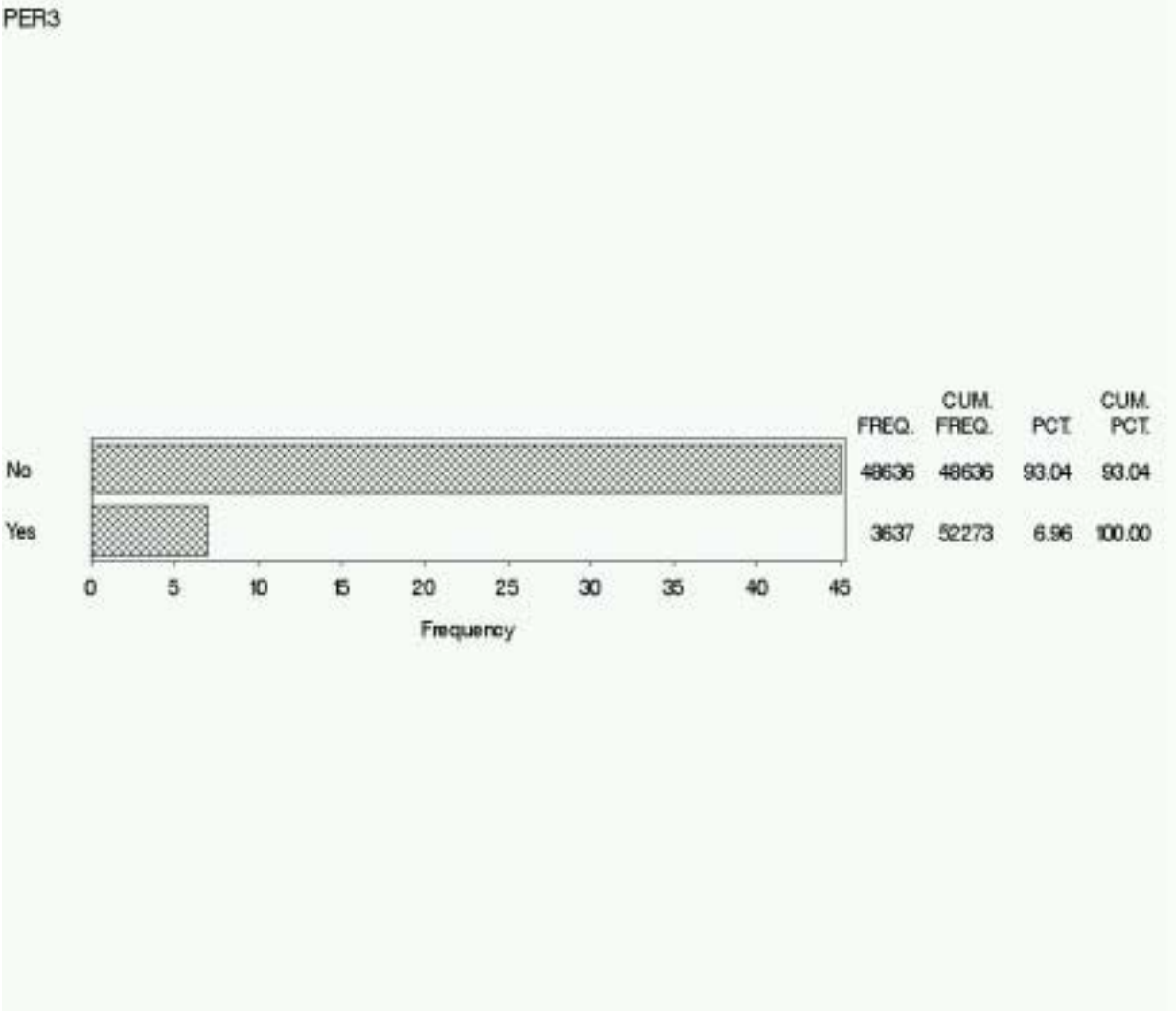
DESCRIPTION/COMMENTS:

(6) Joint trip household member identification

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: PER4

SOURCE: A (.)

LABEL: Person 4 in trip

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

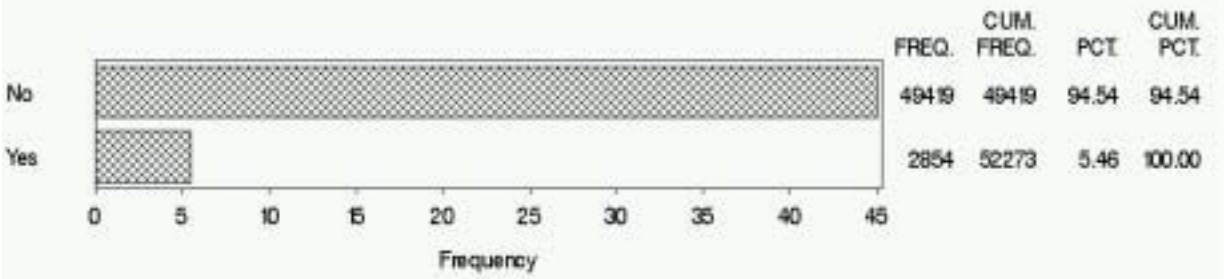
(6) Joint trip household member identification

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

PER4



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	49419	49419	94.54	94.54
Yes	2854	52273	5.46	100.00

NAME: PER5

SOURCE: A (.)

LABEL: Person 5 in trip

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

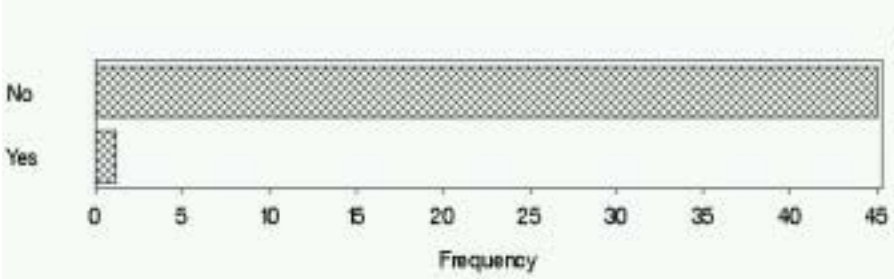
(6) Joint trip household member identification

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

PER5



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	51658	51658	98.82	98.82
Yes	615	52273	1.18	100.00

NAME: PETROCOS

SOURCE: A (.)

LABEL: Fuel cost of trip

TYPE: Numeric / Continuous

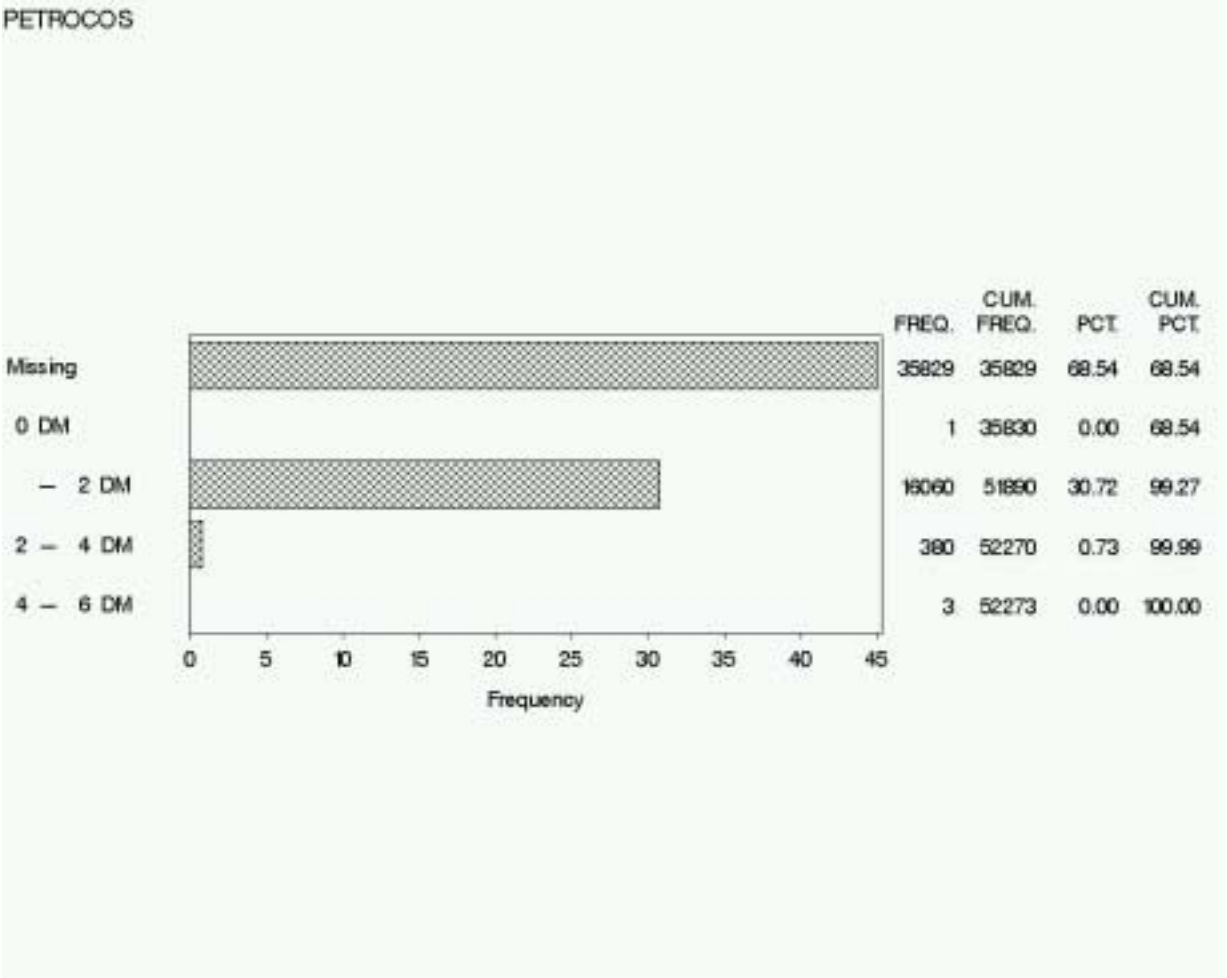
DESCRIPTION/COMMENTS:

(2) Cost estimates [DEM]; own assumptions about fuel consumptions of likely used cars

RELEVANT FORMAT STATEMENTS:

PC

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
16444	35829	0.5587288	0.5381688	0	4.1624000	0.1798400	0.3620800	0.7894400

NAME: P_NR

SOURCE: R

LABEL: Person number

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

RELEVANT FORMAT STATEMENTS:

Index variable

FREQUENCIES:

NAME: ROUNDTR

SOURCE: A (.)

LABEL: Round trip from home

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

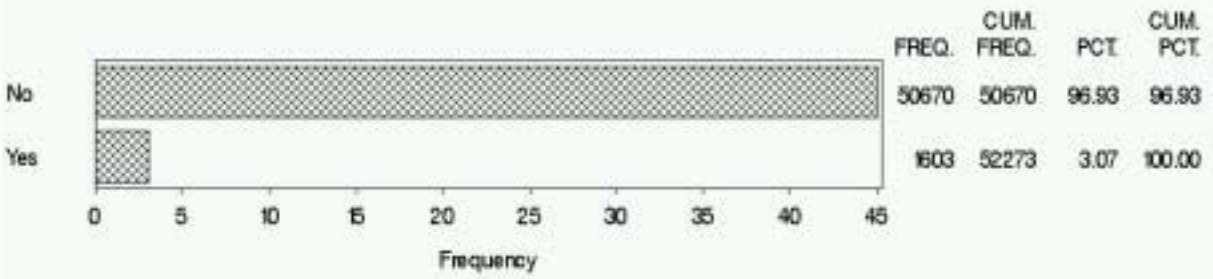
(7)

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:

ROUND_TR



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
No	50670	50670	96.93	96.93
Yes	1603	52273	3.07	100.00

NAME: SEQT_NR

SOURCE: A (.)

LABEL: Sequence no

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Sequence number of trip by person

RELEVANT FORMAT STATEMENTS:

Index variable

FREQUENCIES:

NAME: SPEED

SOURCE: A (.)

LABEL: Reported speed

TYPE: Numeric / Continuous

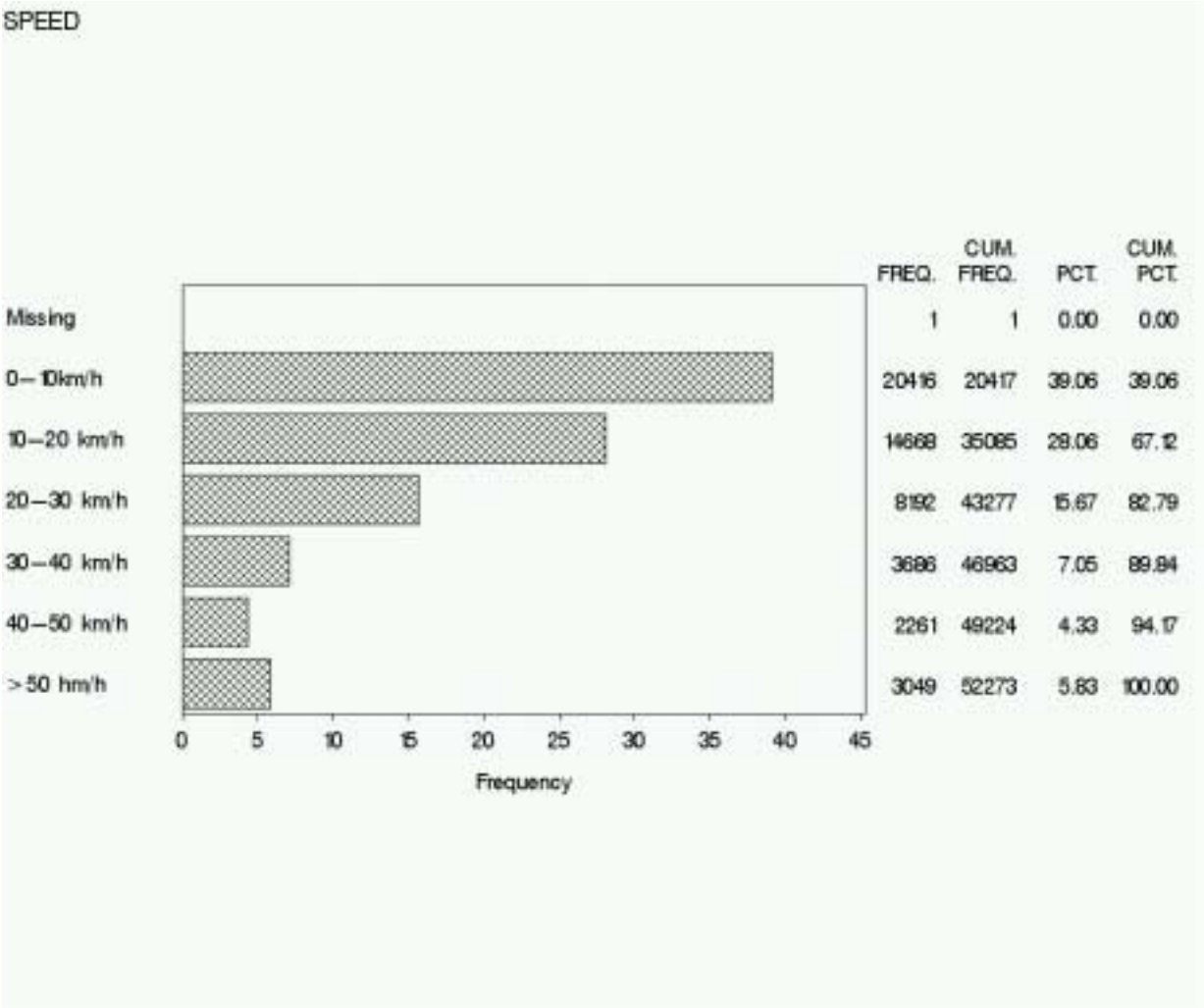
DESCRIPTION/COMMENTS:

Speed calculated referring to stated trip distance and trip duration

RELEVANT FORMAT STATEMENTS:

SPEED

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
52272	1	18.7881608	20.9035194	0	1500.00	6.0000000	13.3333333	24.0000000

NAME: START_TI

SOURCE: A (S)

LABEL: Nearest start time PT

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Schedule based start time from public transport stop next to home

RELEVANT FORMAT STATEMENTS:

DAY_T_A, DAY_T_AE, DAY_T_B, DAY_T_BE

FREQUENCIES:

Nearest start time PT

START_TI	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0- 1 Uhr	3649	20.50	3649	20.50
1- 2 Uhr	87	0.49	3736	20.99
2- 3 Uhr	49	0.28	3785	21.26
3- 4 Uhr	21	0.12	3806	21.38
4- 5 Uhr	11	0.06	3817	21.44
5- 6 Uhr	70	0.39	3887	21.84
6- 7 Uhr	309	1.74	4196	23.57
7- 8 Uhr	1199	6.74	5395	30.31
8- 9 Uhr	923	5.19	6318	35.49
9-10 Uhr	953	5.35	7271	40.85
10-11 Uhr	907	5.10	8178	45.94
11-12 Uhr	944	5.30	9122	51.25
12-13 Uhr	1218	6.84	10340	58.09
13-14 Uhr	959	5.39	11299	63.48
14-15 Uhr	971	5.46	12270	68.93
15-16 Uhr	1278	7.18	13548	76.11
16-17 Uhr	1117	6.28	14665	82.39
17-18 Uhr	938	5.27	15603	87.66
18-19 Uhr	804	4.52	16407	92.17
19-20 Uhr	577	3.24	16984	95.42
20-21 Uhr	252	1.42	17236	96.83
21-22 Uhr	207	1.16	17443	97.99
22-23 Uhr	204	1.15	17647	99.14
23-24 Uhr	153	0.86	17800	100.00

Frequency Missing = 34473

NAME: STOP_ARR

SOURCE: A (S)

LABEL: PT arrival stop code

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Schedule based; codes according to the Karlsruhe public transport network internal numbering

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

No frequencies given due to large amount of single values

NAME: STOP_DEP

SOURCE: A (S)

LABEL: PT departure stop code

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Schedule based; codes according to the Karlsruhe public transport network internal numbering

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

No frequencies given due to large amount of single values

NAME: STR_TT

SOURCE: A (S)

LABEL: Tram travel time

TYPE: Numeric / Discrete

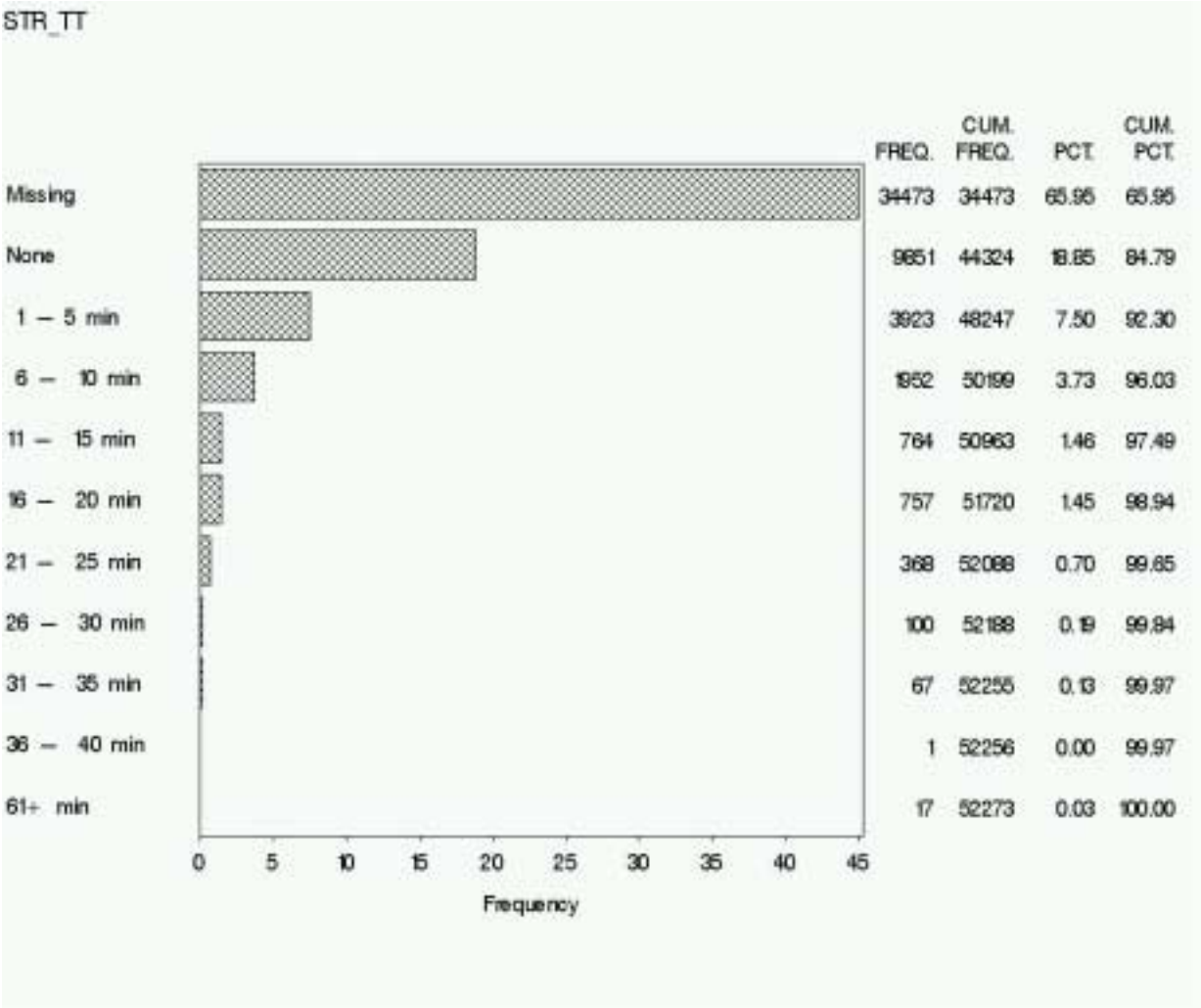
DESCRIPTION/COMMENTS:

Schedule travel times (STR = Tram); (unit: in Dbase in seconds)

RELEVANT FORMAT STATEMENTS:

TI_SEC

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
17800	34473	297.0637079	2814.36	0	112338.00	0	0	300.0000000

NAME: STUDYCOD

SOURCE: R

LABEL: Study code

TYPE: Numeric / Discrete

DESCRIPTION/COMMENT:

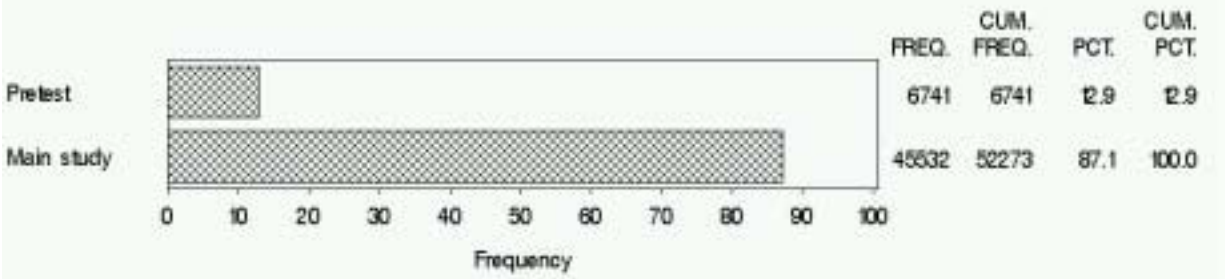
Index variable

RELEVANT FORMAT STATEMENTS:

STUDYCOD

FREQUENCIES:

STUDYCOD



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Pretest	6741	6741	12.9	12.9
Main study	45532	52273	87.1	100.0

NAME: S_O_P

SOURCE: R

LABEL: Size of party

TYPE: Numeric / Discrete

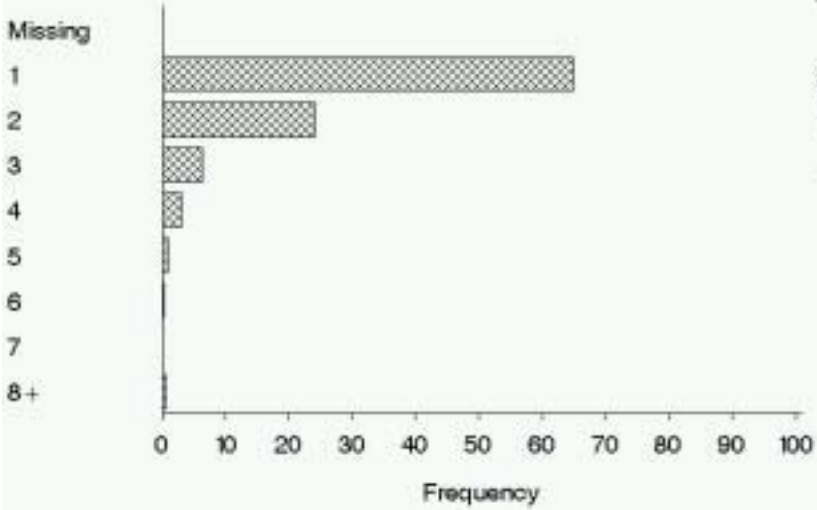
DESCRIPTION/COMMENTS:

Reported by participants! (versus imputed variables JTRIP, NOP, PER1-5)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

S_O_P



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	34	34	0.07	0.07
1	33863	33897	64.78	64.85
2	12578	46475	24.06	88.91
3	3284	49759	6.28	95.19
4	1566	51325	3.00	98.19
5	492	51817	0.94	99.13
6	192	52009	0.37	99.49
7	50	52059	0.10	99.59
8+	214	52273	0.41	100.00

SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	N Lower Quartile	Median	Upper Quartile
52239	34	1.5985183	1.8193560	1.0000000	101.0000000	1.0000000	1.0000000	2.0000000

NAME: S_O_P_HH

SOURCE: R

LABEL: Size of party: HH members

TYPE: Numeric / Discrete

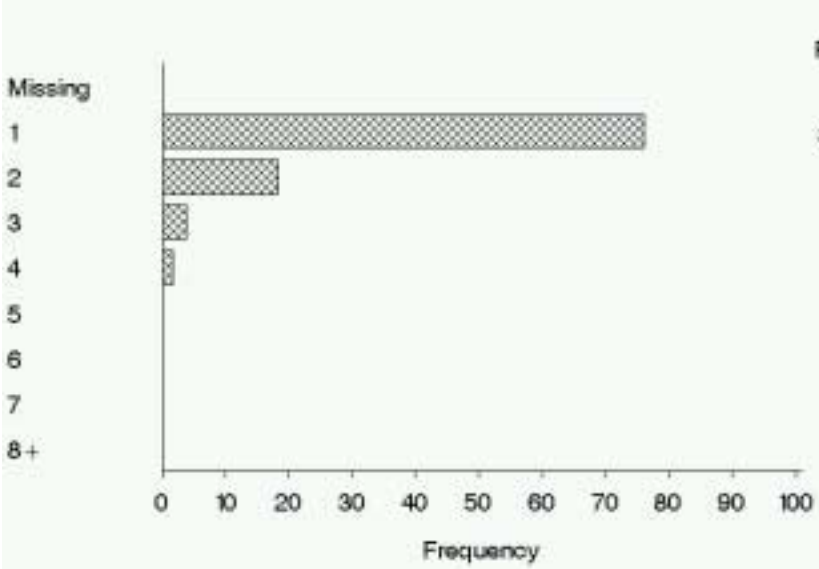
DESCRIPTION/COMMENTS:

Reported by participants! (versus imputed variables JTRIP, NOP, PER1-5)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

S_O_P_HH



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	25	25	0.05	0.05
1	39723	39748	75.99	76.04
2	9581	49329	18.33	94.37
3	1953	51282	3.74	98.10
4	898	52180	1.72	99.82
5	83	52263	0.16	99.98
6	5	52268	0.01	99.99
7	1	52269	0.00	99.99
8+	4	52273	0.01	100.00

SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
52248	25	1.3186151	0.7044697	1.0000000	61.0000000	1.0000000	1.0000000	1.0000000

NAME: S_O_P_O

SOURCE: R

LABEL: Size of party: Others

TYPE: Numeric / Discrete

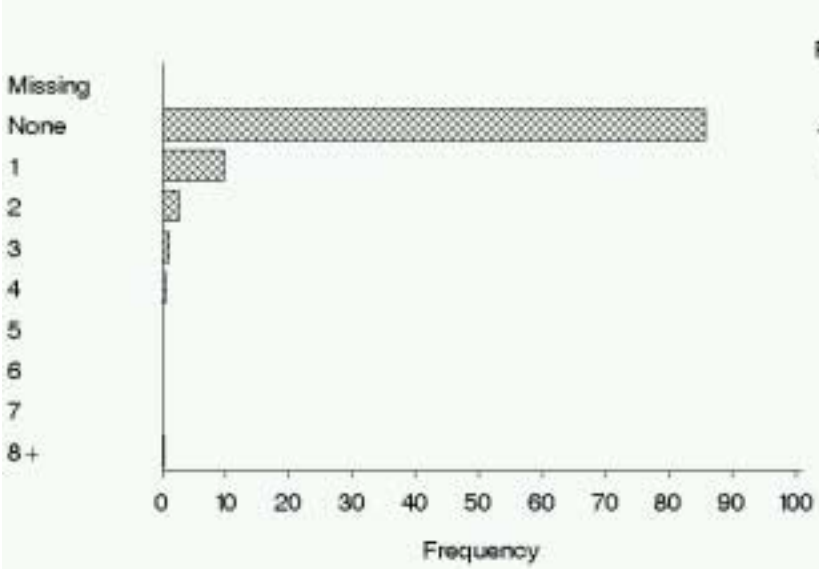
DESCRIPTION/COMMENTS:

Reported by participants! (versus imputed variables JTRIP, NOP, PER1-5)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

S_O_P_O



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	10	10	0.02	0.02
None	44800	44810	85.70	85.72
1	5052	49862	9.66	95.39
2	1373	51235	2.63	98.01
3	529	51764	1.01	99.03
4	226	51990	0.43	99.46
5	75	52065	0.14	99.60
6	39	52104	0.07	99.68
7	22	52126	0.04	99.72
8+	147	52273	0.28	100.00

SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
52263	10	0.2801217	1.6754080	0	100.0000000	0	0	0

NAME: S_TT

SOURCE: A (S)

LABEL: S-Bahn travel time

TYPE: Numeric / Discrete

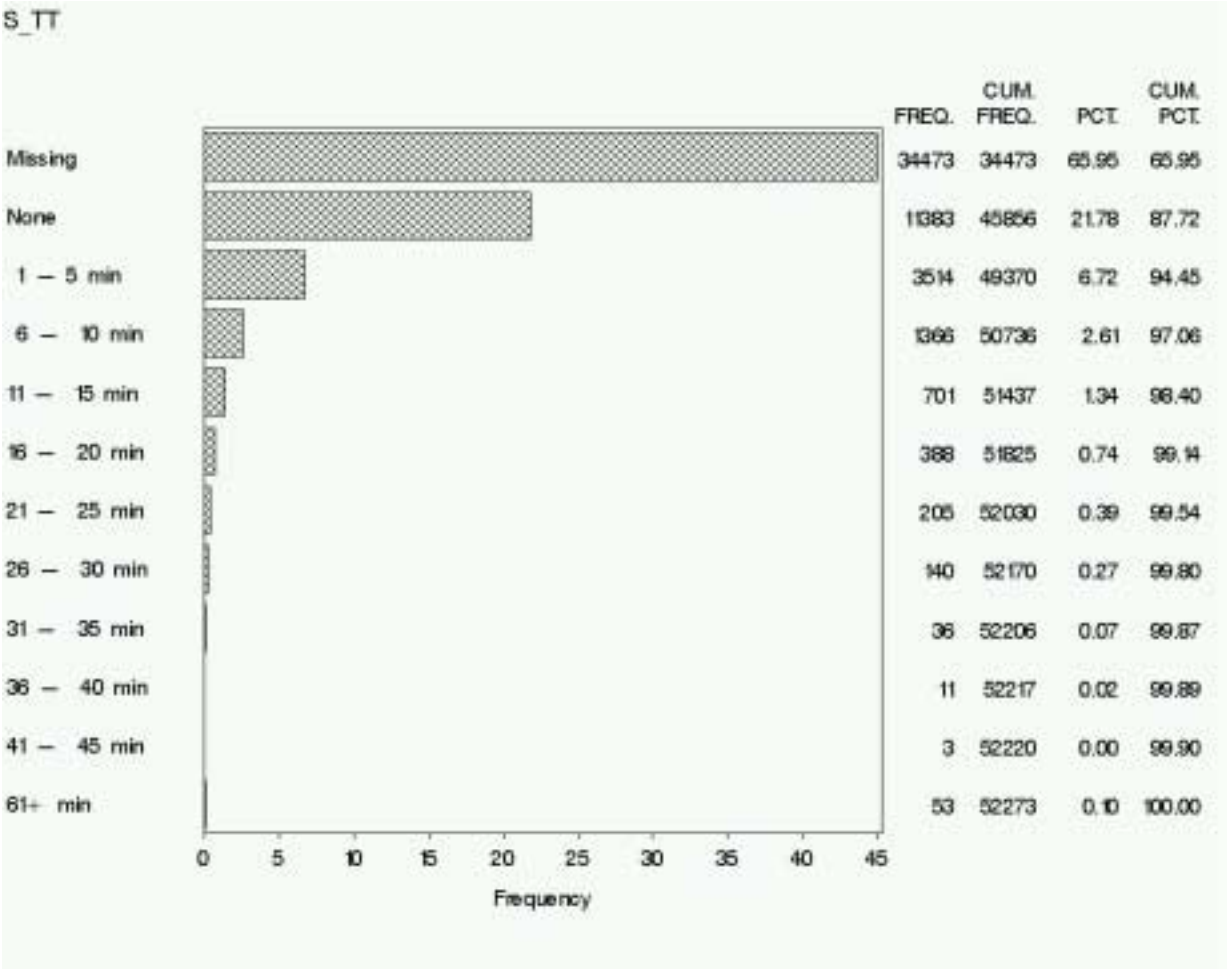
DESCRIPTION/COMMENTS:

Schedule travel times (S: S-Bahn [Local train]); (unit: in Dbase in seconds)

RELEVANT FORMAT STATEMENTS:

TI_SEC

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
17800	34473	411.0313483	4698.82	0	112338.00	0	0	180.0000000

NAME: TOOMUCH

SOURCE: A (.)

LABEL: In-plausible distance or speed

TYPE: Numeric / Discrete

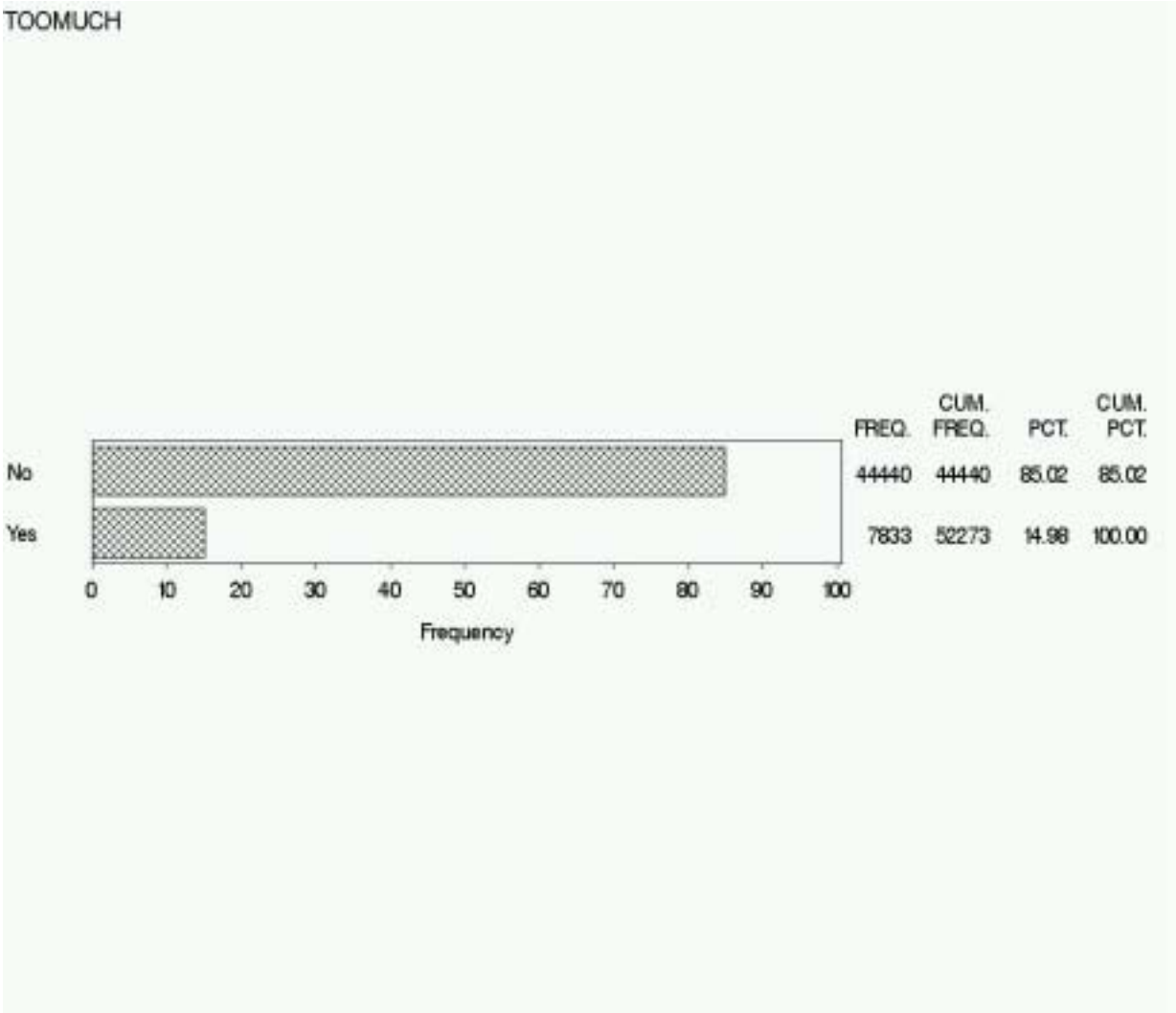
DESCRIPTION/COMMENTS:

Based on own assumptions for travel speeds of the different modes

RELEVANT FORMAT STATEMENTS:

YN

FREQUENCIES:



NAME: TOTALTT

SOURCE: A (S)

LABEL: Total PT travel time

TYPE: Numeric / Discrete

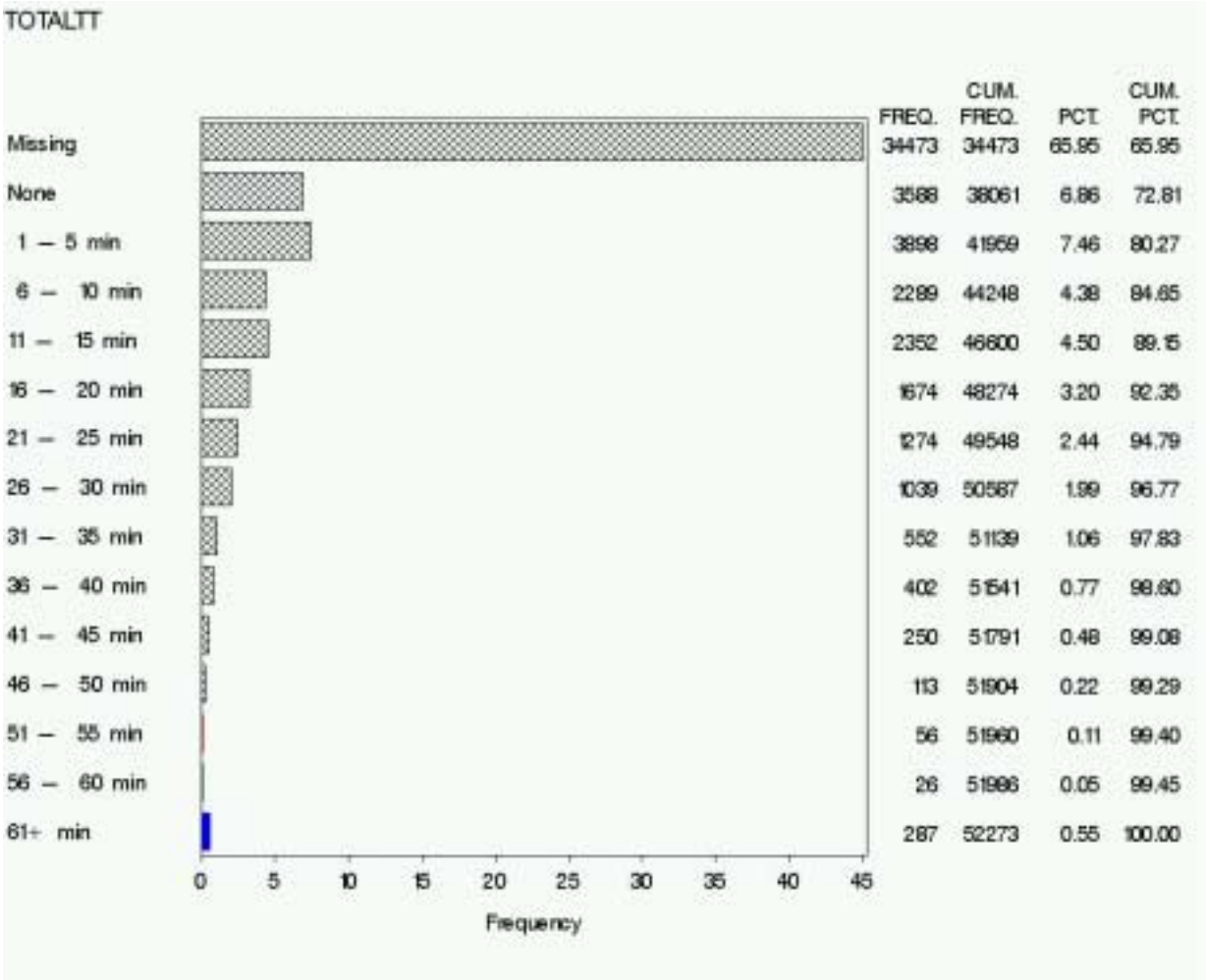
DESCRIPTION/COMMENTS:

Schedule travel times (total: sum of all PT modes); (unit: in Dbase in seconds)

RELEVANT FORMAT STATEMENTS:

TI_SEC

FREQUENCIES:



SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
17800	34473	842.8415730	1709.65	0	44160.00	60.0000000	540.0000000	1140.00

NAME: T_ARR

SOURCE: R

LABEL: Trip arrival time

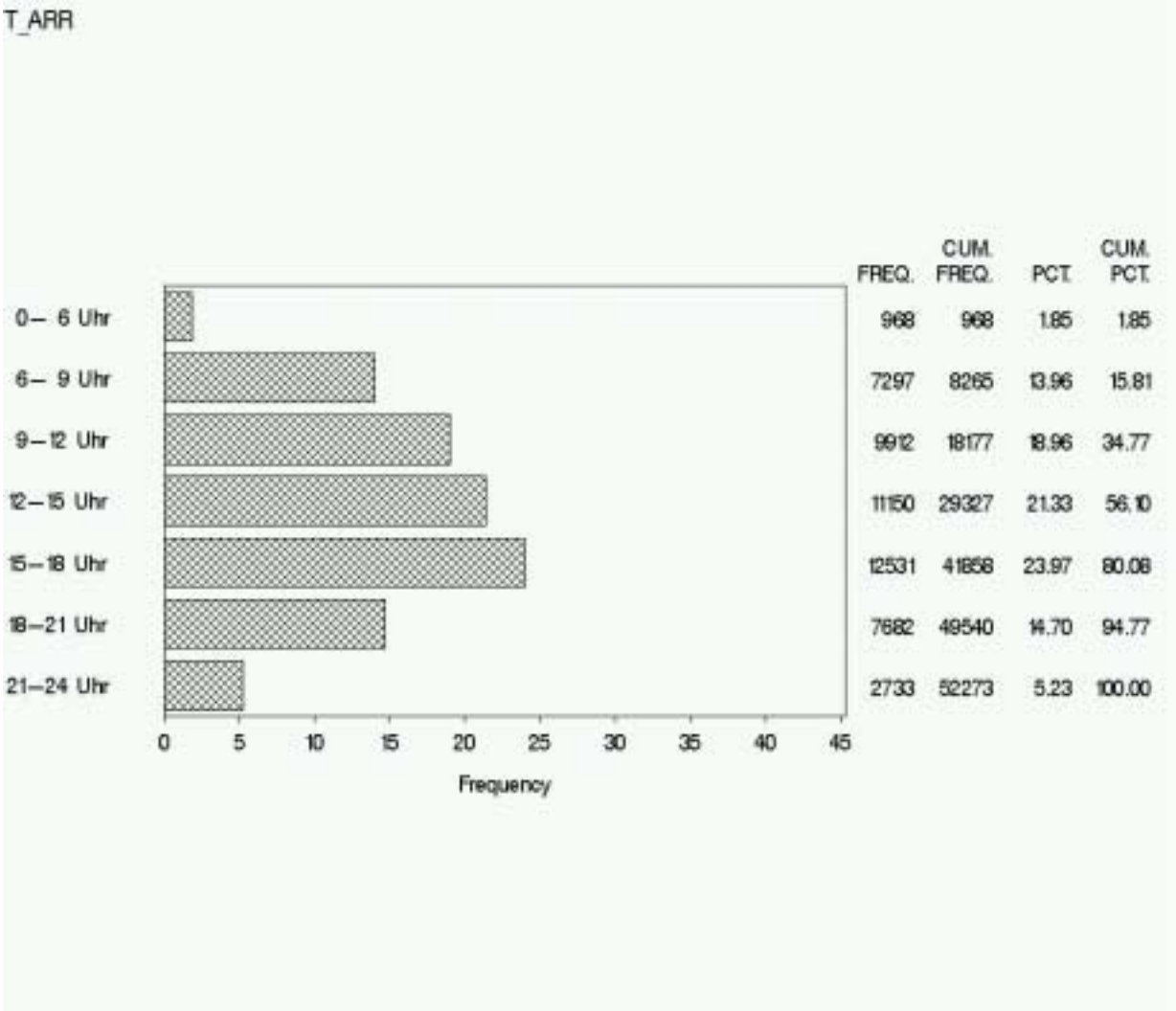
TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

RELEVANT FORMAT STATEMENTS:

DAY_T_A, DAY_T_B, DAY_T_AE, DAY_T_BE

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
0– 6 Uhr	968	968	1.85	1.85
6– 9 Uhr	7297	8265	13.96	15.81
9–12 Uhr	9912	18177	18.96	34.77
12–15 Uhr	11150	29327	21.33	56.10
15–18 Uhr	12531	41858	23.97	80.08
18–21 Uhr	7682	49540	14.70	94.77
21–24 Uhr	2733	52273	5.23	100.00

NAME: T_AT

SOURCE: R

LABEL: Trip access time

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

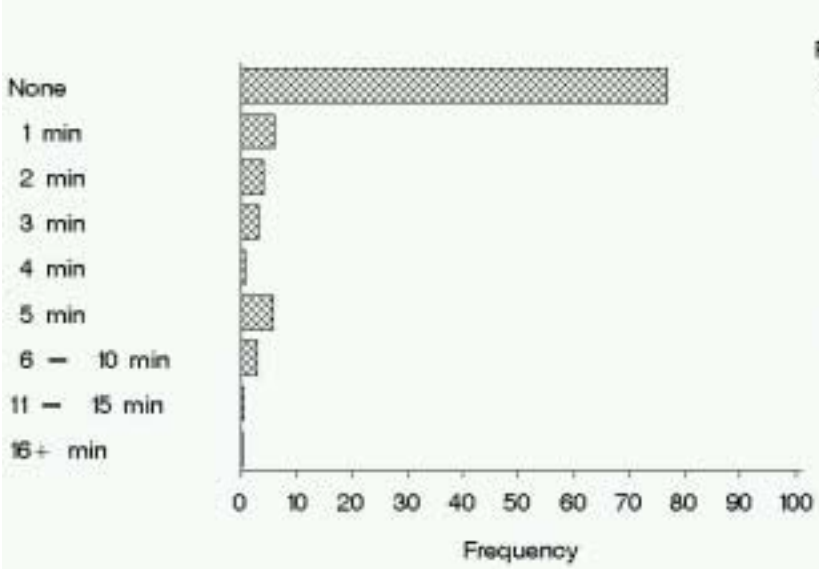
Access time to mode

RELEVANT FORMAT STATEMENTS:

TIMES_FR

FREQUENCIES:

T_AT



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	40129	40129	76.77	76.77
1 min	3138	43267	6.00	82.77
2 min	2139	45406	4.09	86.86
3 min	1594	47000	3.05	89.91
4 min	389	47389	0.74	90.66
5 min	3051	50440	5.84	96.49
6 – 10 min	1480	51920	2.83	99.32
11 – 15 min	232	52152	0.44	99.77
16+ min	121	52273	0.23	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
T_AT	52273	0	0.93	2.70	0.00	200.00	0	0	0

NAME: T_CTT

SOURCE: R

LABEL: Trip core travel time

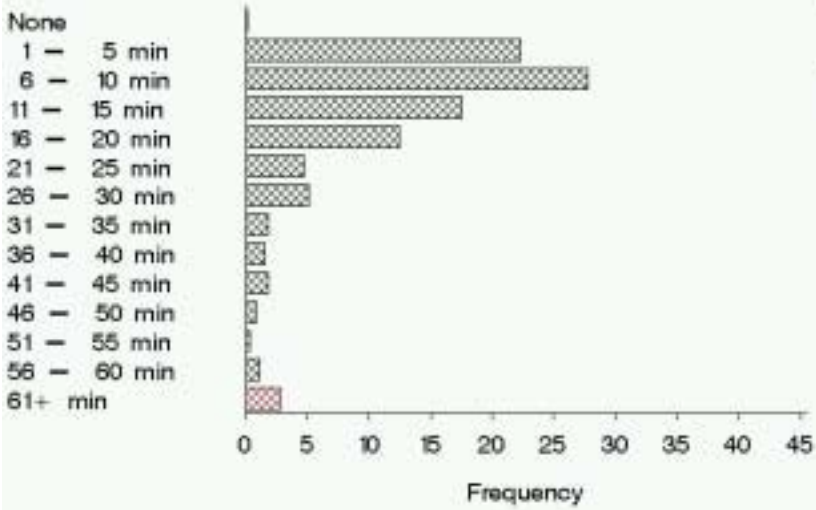
TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

T_CTT



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	51	51	0.10	0.10
1 – 5 min	11667	11718	22.32	22.42
6 – 10 min	14495	26213	27.73	50.15
11 – 15 min	9142	35355	17.49	67.64
16 – 20 min	6484	41839	12.40	80.04
21 – 25 min	2435	44274	4.66	84.70
26 – 30 min	2646	46920	5.06	89.76
31 – 35 min	938	47858	1.79	91.55
36 – 40 min	808	48666	1.55	93.10
41 – 45 min	944	49610	1.81	94.91
46 – 50 min	454	50064	0.87	95.77
51 – 55 min	190	50254	0.36	96.14
56 – 60 min	574	50828	1.10	97.24
61+ min	1445	52273	2.76	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
T_CTT	52273	0	17.63	24.20	0.00	1101.00	7	10	20

NAME: T_DEP

SOURCE: R

LABEL: Trip departure time

TYPE: Numeric / Time

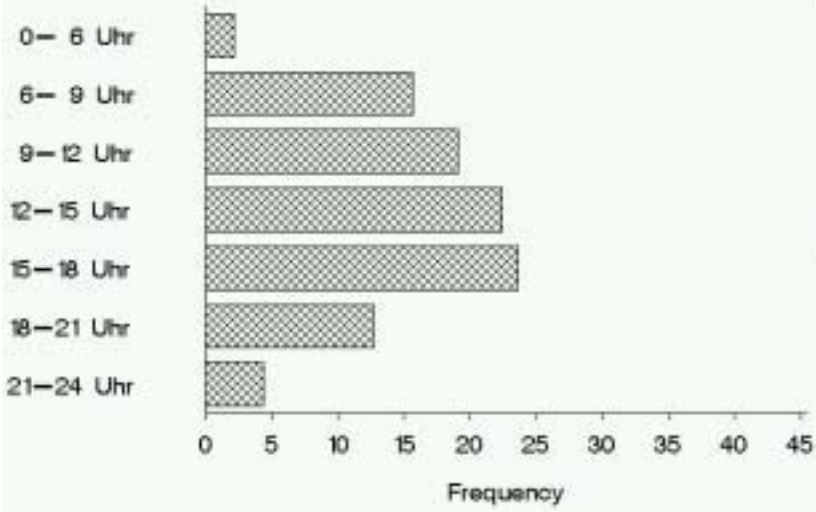
DESCRIPTION/COMMENTS:

RELEVANT FORMAT STATEMENTS:

DAY_T_A, DAY_T_B, DAY_T_AE, DAY_T_BE

FREQUENCIES:

T_DEP



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
0– 6 Uhr	1118	1118	2.14	2.14
6– 9 Uhr	8177	9295	15.64	17.78
9–12 Uhr	9965	19260	19.06	36.85
12–15 Uhr	11734	30994	22.45	59.29
15–18 Uhr	12350	43344	23.63	82.92
18–21 Uhr	6641	49985	12.70	95.62
21–24 Uhr	2288	52273	4.38	100.00

NAME: T_DEST

SOURCE: R / A (.)

LABEL: Trip destination

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Zone

RELEVANT FORMAT STATEMENTS:

HALLE_A, HALLE_B, HALLE_E, KARLSU_A, KARLSU, B, KARLSU_C

FREQUENCIES:

See T_DEST_H

NAME: T_DEST_H

SOURCE: R / A (.)

LABEL: Trip destination (relative)

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

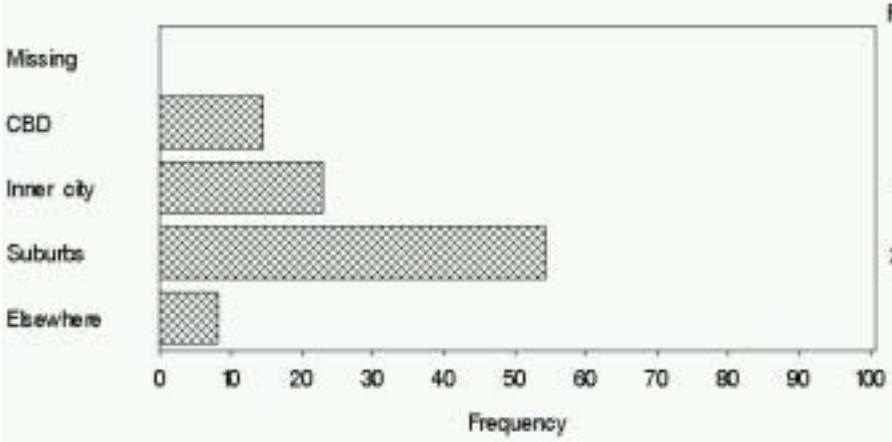
Recoded: originally T_DEST

RELEVANT FORMAT STATEMENTS:

LOC_A

FREQUENCIES:

T_DEST_H



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	2	2	0.00	0.00
CBD	7622	7624	14.58	14.58
Inner city	12006	19630	22.97	37.55
Suburbs	28347	47977	54.23	91.78
Elsewhere	4296	52273	8.22	100.00

NAME: T_DIST

SOURCE: R

LABEL: Trip distance

TYPE: Numeric / Continuous

DESCRIPTION/COMMENTS:

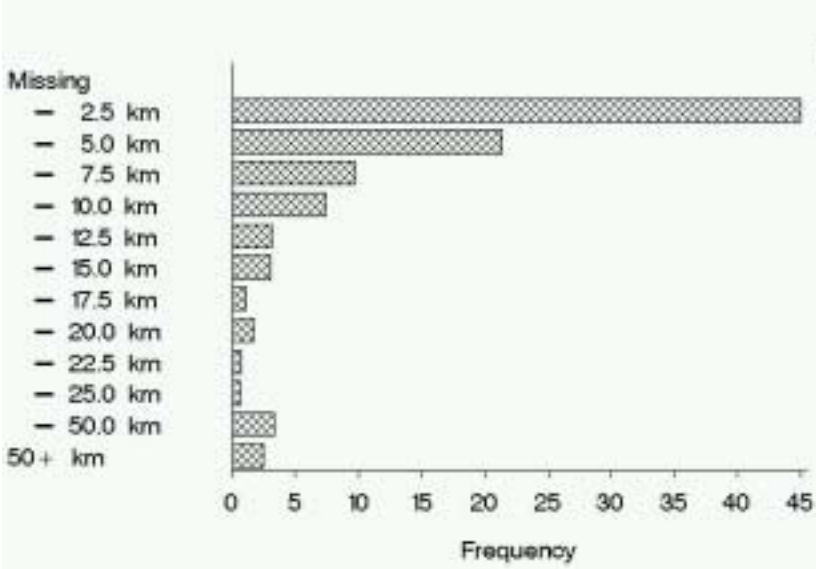
Reported / estimated distance (by the traveller her/himself), [km]

RELEVANT FORMAT STATEMENTS:

DIST_D, DIST_E, DIST_ED, DIST_F, DIST_G

FREQUENCIES:

T_DIST



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	1	1	0.00	0.00
– 2.5 km	23779	23780	45.49	45.49
– 5.0 km	11161	34941	21.35	66.84
– 7.5 km	5101	40042	9.76	76.60
– 10.0 km	3863	43905	7.39	83.99
– 12.5 km	1626	45531	3.11	87.10
– 15.0 km	1565	47096	2.99	90.10
– 17.5 km	571	47667	1.09	91.19
– 20.0 km	892	48559	1.71	92.89
– 22.5 km	389	48948	0.74	93.64
– 25.0 km	319	49267	0.61	94.25
– 50.0 km	1737	51004	3.32	97.57
50+ km	1269	52273	2.43	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
T_DIST	52272	1	8.35	24.26	0.00	800.00	1.00	3.00	7.00

NAME: T_DT

SOURCE: R

LABEL: Trip driving / riding time

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

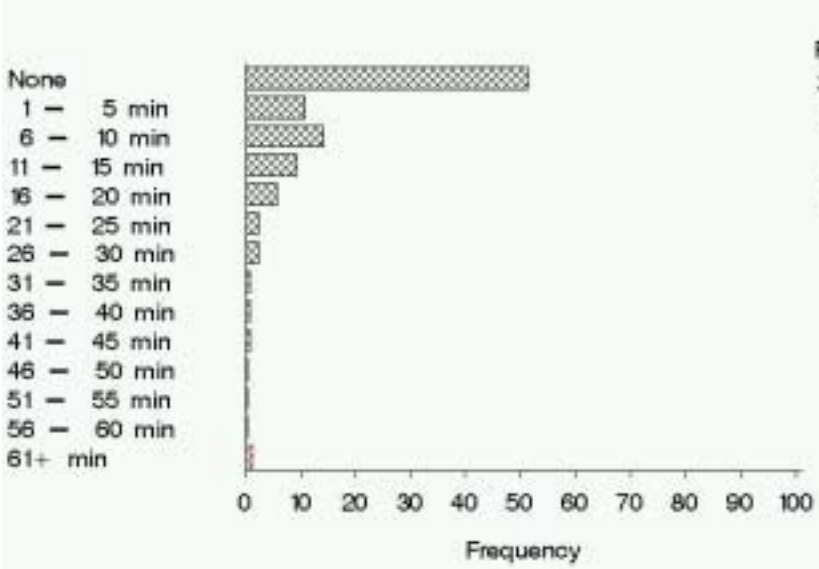
[min]

RELEVANT FORMAT STATEMENTS:

TIMES_A, TIMES_B, TIMES_C

FREQUENCIES:

T_DT



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	26800	26800	51.27	51.27
1 – 5 min	5586	32386	10.69	61.96
6 – 10 min	7339	39725	14.04	76.00
11 – 15 min	4822	44547	9.22	85.22
16 – 20 min	2984	47531	5.71	90.93
21 – 25 min	1192	48723	2.28	93.21
26 – 30 min	1206	49929	2.31	95.52
31 – 35 min	442	50371	0.85	96.36
36 – 40 min	389	50760	0.74	97.11
41 – 45 min	390	51150	0.75	97.85
46 – 50 min	205	51355	0.39	98.24
51 – 55 min	108	51463	0.21	98.45
56 – 60 min	199	51662	0.38	98.83
61+ min	611	52273	1.17	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
T_DT	52273	0	8.28	18.10	0.00	570.00	0	0	10

NAME: T_DUR

SOURCE: R

LABEL: Trip duration

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

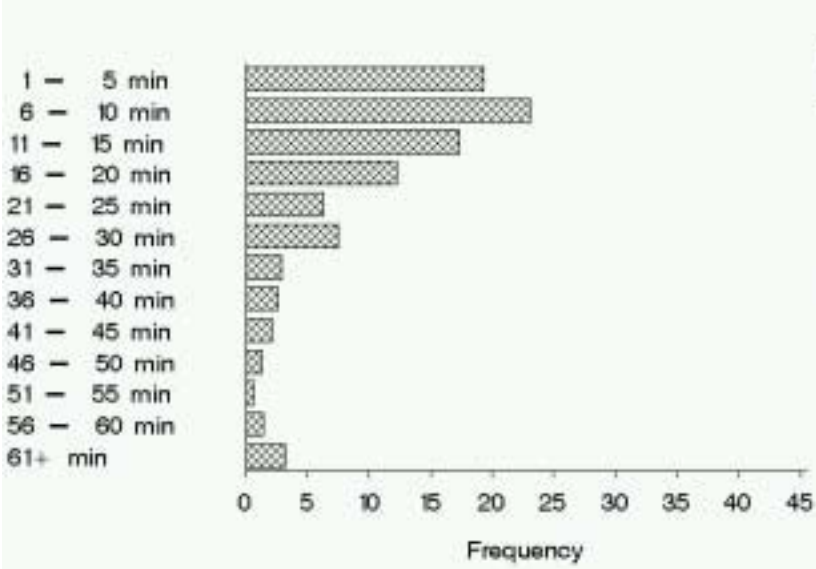
[min]

RELEVANT FORMAT STATEMENTS:

TIMES_A, TIMES_B, TIMES_C

FREQUENCIES:

T_DUR



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
1 – 5 min	10106	10106	19.33	19.33
6 – 10 min	12056	22162	23.06	42.40
11 – 15 min	9041	31203	17.30	59.69
16 – 20 min	6420	37623	12.28	71.97
21 – 25 min	3313	40936	6.34	78.31
26 – 30 min	3895	44831	7.45	85.76
31 – 35 min	1521	46352	2.91	88.67
36 – 40 min	1377	47729	2.63	91.31
41 – 45 min	1099	48828	2.10	93.41
46 – 50 min	675	49503	1.29	94.70
51 – 55 min	352	49855	0.67	95.37
56 – 60 min	721	50576	1.38	96.75
61+ min	1697	52273	3.25	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
T_DUR	52273	0	19.96	25.51	1.00	1101.00	8	15	25

NAME: T_ET

SOURCE: R

LABEL: Trip egress time

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

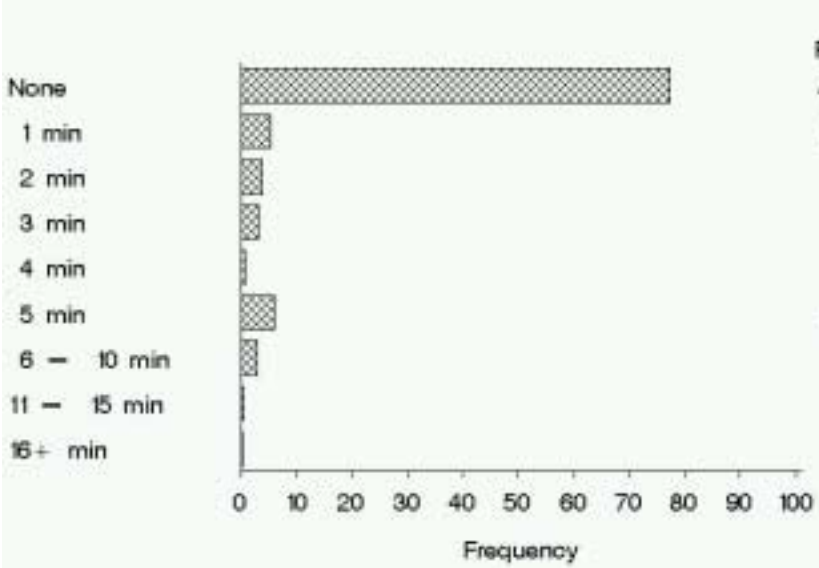
Egress time from mode [min]

RELEVANT FORMAT STATEMENTS:

TIMES_FR

FREQUENCIES:

T_ET



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	40375	40375	77.24	77.24
1 min	2762	43137	5.28	82.52
2 min	2031	45168	3.89	86.41
3 min	1595	46763	3.05	89.46
4 min	395	47158	0.76	90.21
5 min	3096	50254	5.92	96.14
6 – 10 min	1581	51835	3.02	99.16
11 – 15 min	265	52100	0.51	99.67
16+ min	173	52273	0.33	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
T_ET	52273	0	1.00	3.29	0.00	180.00	0	0	0

NAME: T_EXP

SOURCE: R / A (.)

LABEL: Trip expenditures

TYPE: Numeric / Continuous

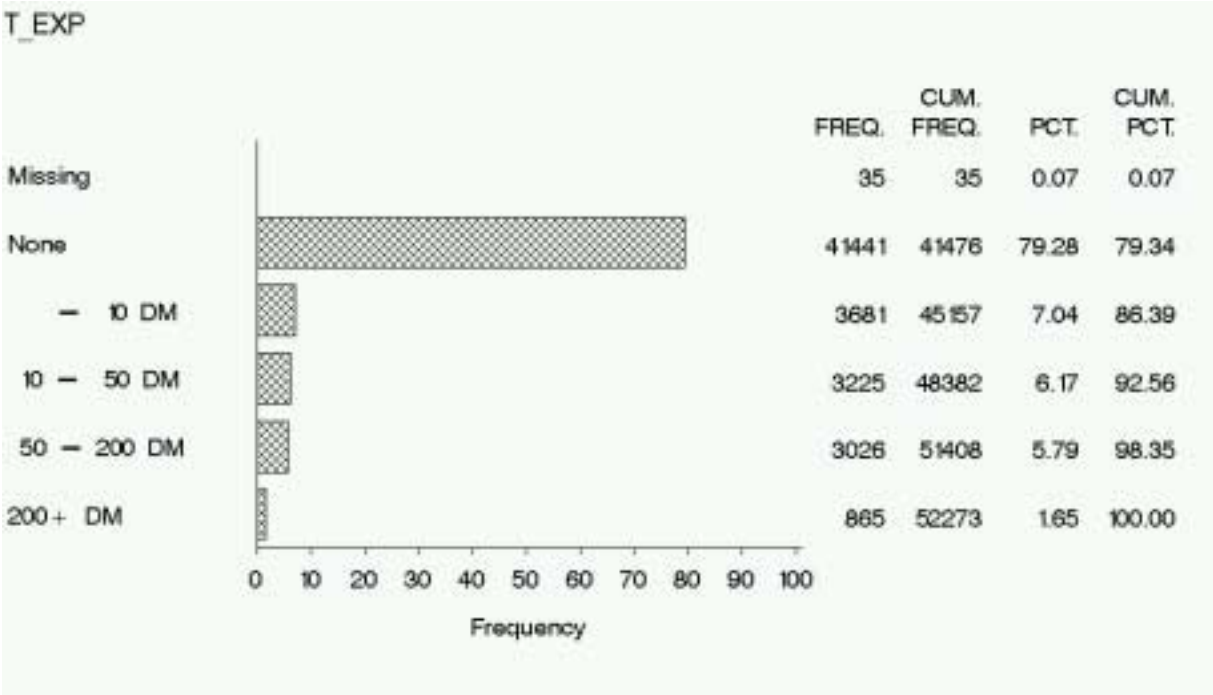
DESCRIPTION/COMMENTS:

(8) Estimated group means [DEM]

RELEVANT FORMAT STATEMENTS:

EXP, EXP_A, EXP_B, EXP_C

FREQUENCIES:



SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
T_EXP	52238	35	12.73	44.14	0.00	300.00	0.00	0.00	0.00

NAME: T_EXPCOR

SOURCE: R / A (.)

LABEL: Corrected trip exp (-> main study)

TYPE: Numeric / Continuous

DESCRIPTION/COMMENTS:

(8) Estimated group means [DEM]

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

Corrected trip expenditure, main study

T_EXPCOR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	41441	79.33	41441	79.33
1	3191	6.11	44632	85.44
6	490	0.94	45122	86.38
15	2543	4.87	47665	91.25
25	682	1.31	48347	92.55
70	2779	5.32	51126	97.87
100	247	0.47	51373	98.34
200	835	1.60	52208	99.94
300	30	0.06	52238	100.00

Frequency Missing = 35

NAME: T_IVT

SOURCE: R

LABEL: Trip in-vehicle time

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

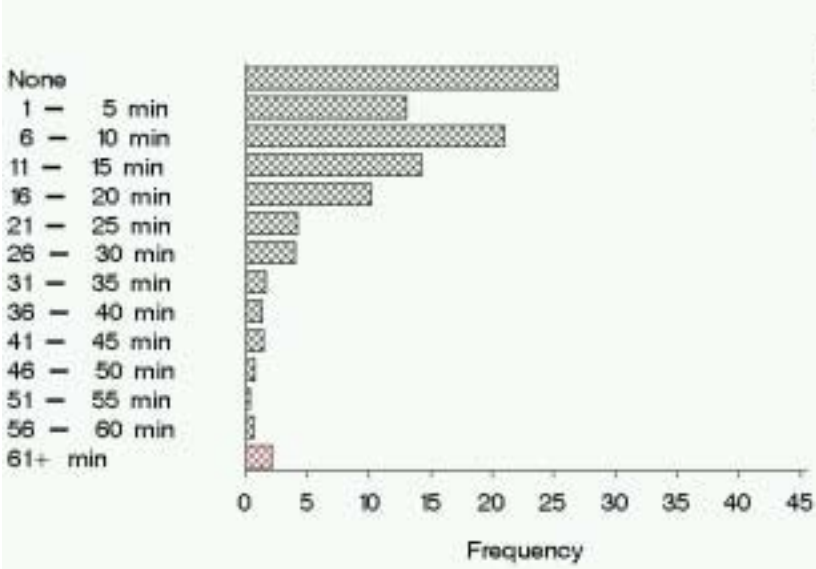
[min]

RELEVANT FORMAT STATEMENTS:

TIMES_A, TIMES_B, TIMES_C

FREQUENCIES:

T_IVT



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	13223	13223	25.30	25.30
1 – 5 min	6800	20023	13.01	38.30
6 – 10 min	10972	30995	20.99	59.29
11 – 15 min	7455	38450	14.26	73.56
16 – 20 min	5306	43756	10.15	83.71
21 – 25 min	2182	45938	4.17	87.88
26 – 30 min	2082	48020	3.98	91.86
31 – 35 min	860	48880	1.65	93.51
36 – 40 min	690	49570	1.32	94.83
41 – 45 min	751	50321	1.44	96.27
46 – 50 min	367	50688	0.70	96.97
51 – 55 min	159	50847	0.30	97.27
56 – 60 min	340	51187	0.65	97.92
61+ min	1086	52273	2.08	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
T_IVT	52273	0	13.88	22.78	0.00	720.00	0	10	18

NAME: T_MM_B_S

SOURCE: R / A (.)

LABEL: Trip main mode by speed

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

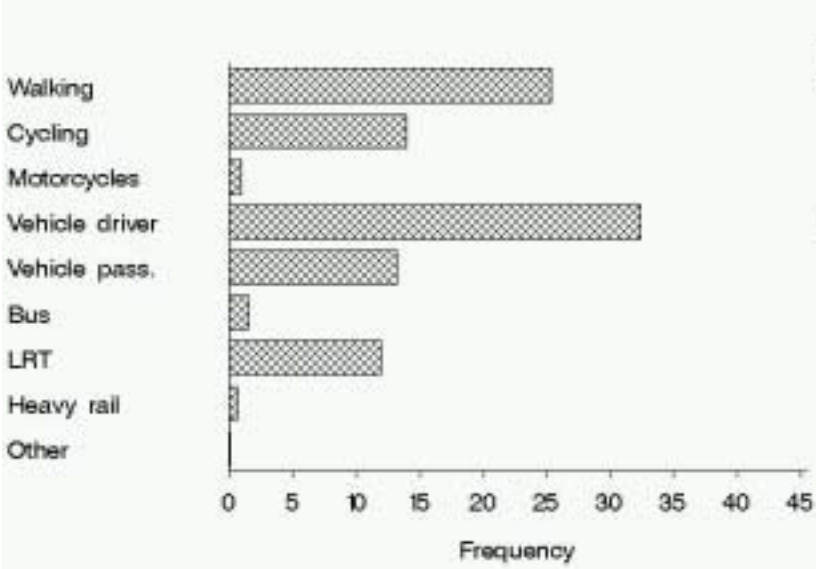
See general annotations

RELEVANT FORMAT STATEMENTS:

MODE_A, MODE_B, MODE_BD

FREQUENCIES:

T_MM_B_S



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Walking	13233	13233	25.32	25.32
Cycling	7308	20541	13.98	39.30
Motorcycles	481	21022	0.92	40.22
Vehicle driver	16929	37951	32.39	72.60
Vehicle pass.	6886	44837	13.17	85.77
Bus	803	45640	1.54	87.31
LRT	6222	51862	11.90	99.21
Heavy rail	359	52221	0.69	99.90
Other	52	52273	0.10	100.00

NAME: T_MM_B_T

SOURCE: R / A (.)

LABEL: Trip main mode by time

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

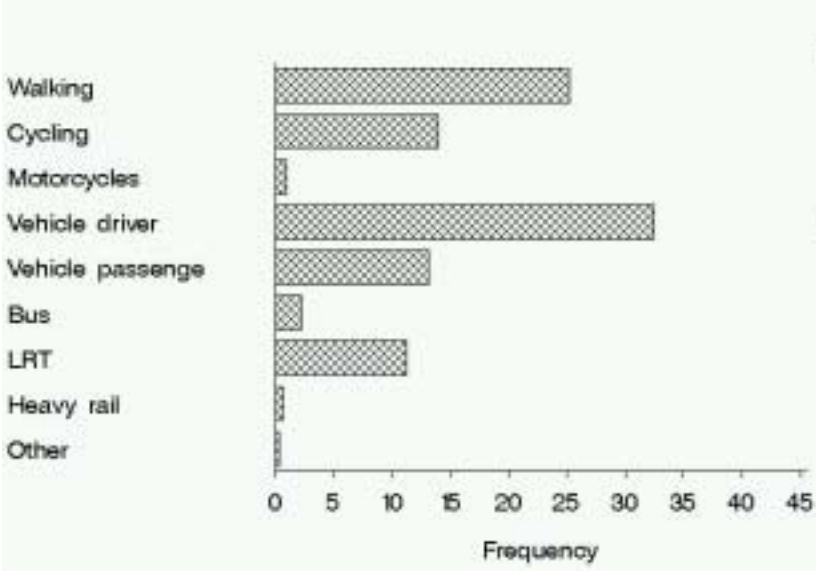
See general annotations

RELEVANT FORMAT STATEMENTS:

MODE_A, MODE_B, MODE_BD

FREQUENCIES:

T_MM_B_T



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Walking	13152	13152	25.16	25.16
Cycling	7288	20440	13.94	39.10
Motorcycles	481	20921	0.92	40.02
Vehicle driver	16956	37877	32.44	72.46
Vehicle passenge	6871	44748	13.14	85.60
Bus	1167	45915	2.23	87.84
LRT	5846	51761	11.18	99.02
Heavy rail	352	52113	0.67	99.69
Other	160	52273	0.31	100.00

NAME: T_NR

SOURCE: R

LABEL: Trip number

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

Trip number sequential by person and day, index variable,

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: T_ORIG

SOURCE: R / A (.)

LABEL: Trip origin

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

(1) Zones; !!! When analysing FREQUENCIES: etc., distinguish from city/citycode !!!

RELEVANT FORMAT STATEMENTS:

HALLE_A, HALLE_B, HALLE_E, KARLSU_A, KARLSU, B, KARLSU_C

FREQUENCIES:

See T_ORIG_H

NAME: T_ORIG_H

SOURCE: R / A (.)

LABEL: Trip origin (relative)

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

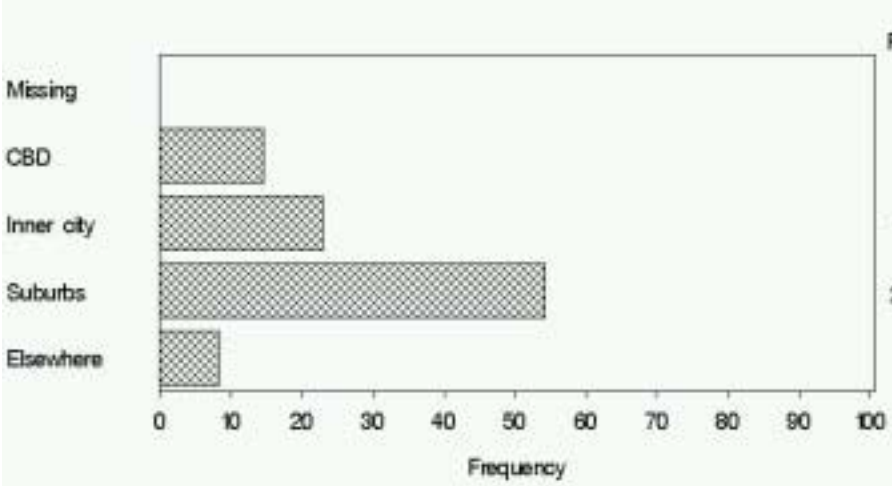
Recoded: originally T_ORIG

RELEVANT FORMAT STATEMENTS:

LOC_A

FREQUENCIES:

T_ORIG_H



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	2	2	0.00	0.00
CBD	7626	7628	14.59	14.59
Inner city	12008	19636	22.97	37.56
Suburbs	28354	47990	54.24	91.81
Elsewhere	4283	52273	8.19	100.00

NAME: T_PC

SOURCE: R

LABEL: Trip parking costs

TYPE: Numeric / Continuous

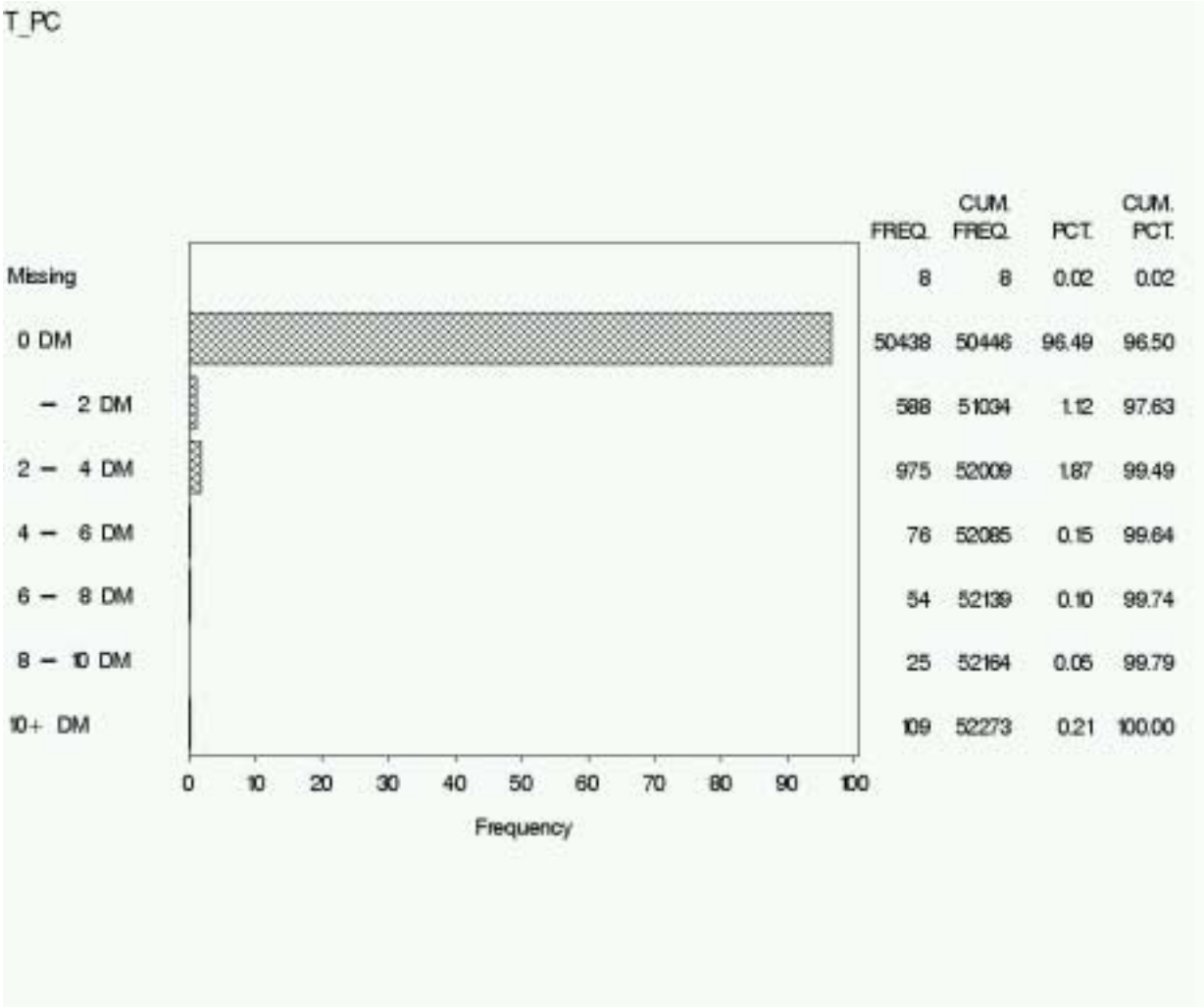
DESCRIPTION/COMMENTS:

[DEM]

RELEVANT FORMAT STATEMENTS:

PC, PC_A

FREQUENCIES:



SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
T_PC	52265	8	0.41	35.44	0.00	6800.00	0.00	0.00	0.00

NAME: T_PT

SOURCE: R

LABEL: Trip passenger time

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

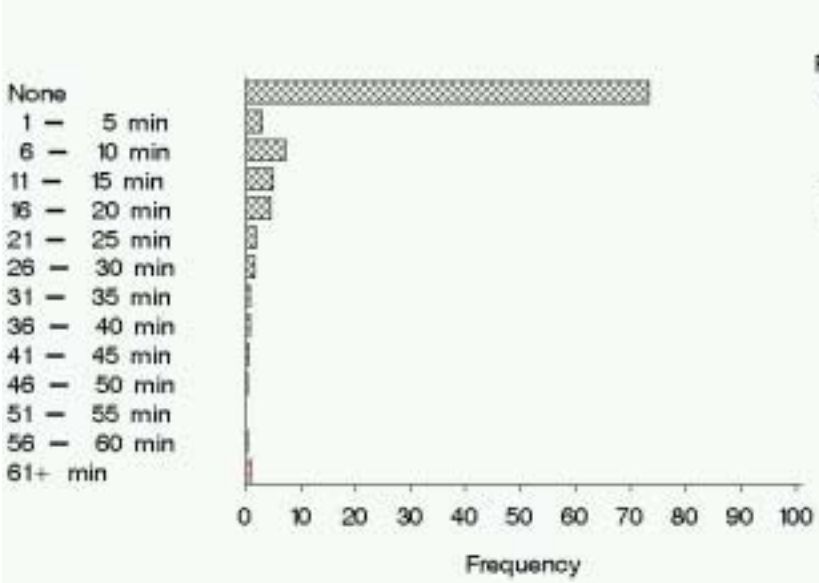
[min]

RELEVANT FORMAT STATEMENTS:

TIMES_A, TIMES_B, TIMES_C

FREQUENCIES:

T_PT



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	38319	38319	73.31	73.31
1 – 5 min	1531	39850	2.93	76.23
6 – 10 min	3813	43663	7.29	83.53
11 – 15 min	2640	46303	5.05	88.58
16 – 20 min	2325	48628	4.45	93.03
21 – 25 min	972	49600	1.86	94.89
26 – 30 min	820	50420	1.57	96.46
31 – 35 min	416	50836	0.80	97.25
36 – 40 min	397	51233	0.76	98.01
41 – 45 min	239	51472	0.46	98.47
46 – 50 min	146	51618	0.28	98.75
51 – 55 min	43	51661	0.08	98.83
56 – 60 min	143	51804	0.27	99.10
61+ min	469	52273	0.90	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
T_PT	52273	0	5.56	16.68	0.00	720.00	0	0	5

NAME: T_PUR

SOURCE: R / A (.)

LABEL: Trip purpose

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

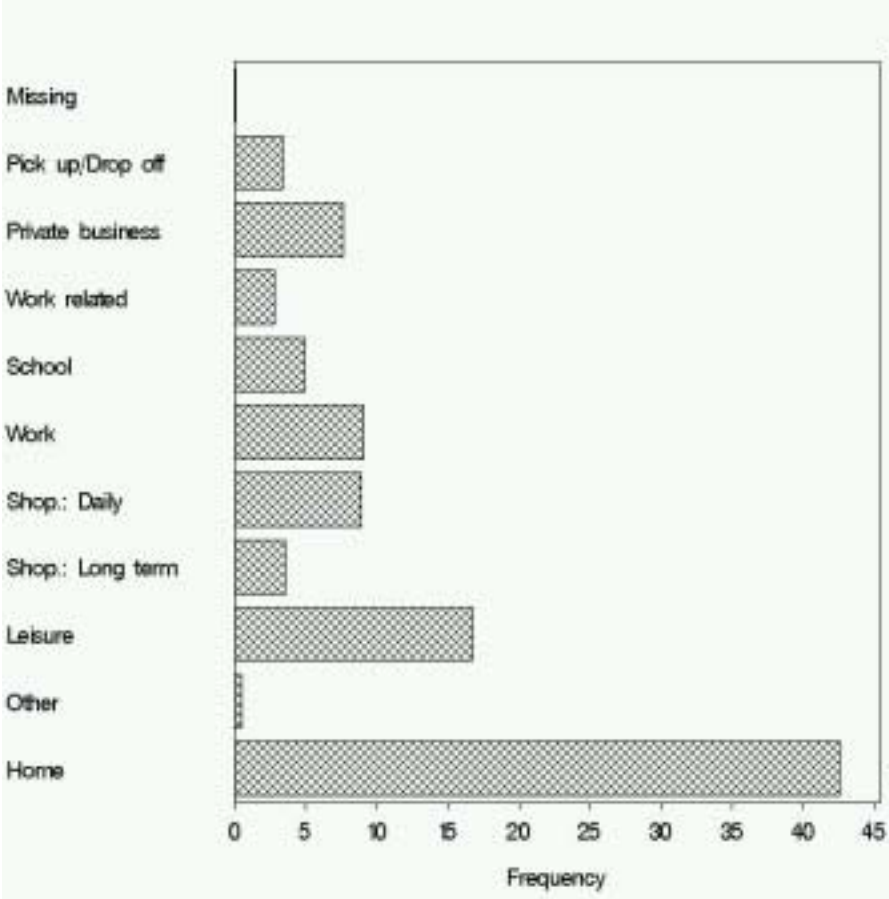
According to “KONTIV” survey design

RELEVANT FORMAT STATEMENTS:

PUR_A, PUR_B, PUR_BD, PUR_FR

FREQUENCIES:

T_PUR



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	19	19	0.04	0.04
Pick up/Drop off	1749	1768	3.35	3.38
Private business	3998	5766	7.65	11.03
Work related	1440	7206	2.75	13.79
School	2576	9782	4.93	18.71
Work	4761	14543	9.11	27.82
Shop.: Daily	4655	19198	8.91	36.73
Shop.: Long term	1846	21044	3.53	40.26
Leisure	8722	29766	16.69	56.94
Other	242	30008	0.46	57.41
Home	22265	52273	42.59	100.00

NAME: T_P_CM

SOURCE: R / A (.)

LABEL: Previous Citymobil purpose

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

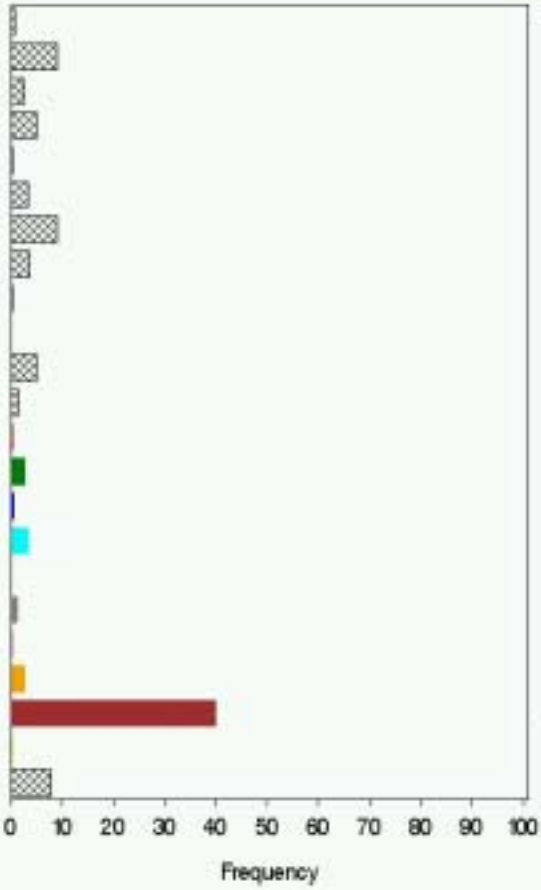
According to CM_PUR

RELEVANT FORMAT STATEMENTS:

PUR_CMD, PUR_E, PUR_X

FREQUENCIES:

T_P_CM



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	386	386	0.74	0.74
Work	4754	5140	9.09	9.83
Work related business	1437	6577	2.75	12.58
School	2657	9234	5.08	17.66
Further education/Training	168	9402	0.32	17.99
Pick up/Drop off	1717	11119	3.28	21.27
Shopping: Daily	4655	15774	8.91	30.18
Shopping: Non-daily demand	1847	17621	3.53	33.71
Window shopping	200	17821	0.38	34.09
Meeting relatives/family	74	17895	0.14	34.23
Meeting friends	2612	20507	5.00	39.23
Group/Club meeting	788	21295	1.51	40.74
Car care and refueling	107	21402	0.20	40.94
Active sports	1342	22744	2.57	43.51
Excursion: Nature	216	22960	0.41	43.92
Walk or stroll	1779	24739	3.40	47.33
Short trip (whole day)	39	24778	0.07	47.40
Garden/Cottage	658	25436	1.26	48.66
Excursion: Culture	223	25659	0.43	49.09
Disco, pub, restaurant, cinema,	1356	27015	2.59	51.68
Home	20918	47933	40.02	91.70
Other	193	48126	0.37	92.07
Private buisiness	4147	52273	7.93	100.00

NAME: T_P_PUR

SOURCE: R / A (.)

LABEL: Trip previous purpose

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

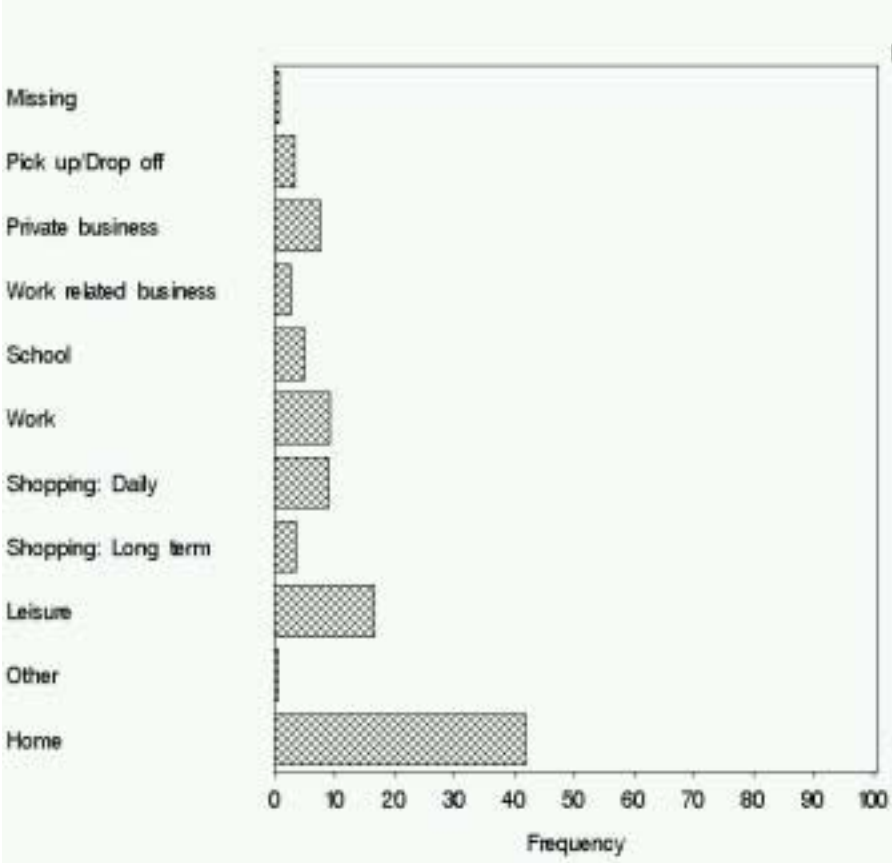
According to T_PUR

RELEVANT FORMAT STATEMENTS:

PUR_A, PUR_B, PUR_BD, PUR_FR

FREQUENCIES:

T_P_PUR



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	379	379	0.73	0.73
Pick up/Drop off	1749	2128	3.35	4.07
Private business	3995	6123	7.64	11.71
Work related business	1440	7563	2.75	14.47
School	2576	10139	4.93	19.40
Work	4760	14899	9.11	28.50
Shopping: Daily	4655	19554	8.91	37.41
Shopping: Long term	1846	21400	3.53	40.94
Leisure	8688	30088	16.62	57.56
Other	241	30329	0.46	58.02
Home	21944	52273	41.98	100.00

NAME: T_TT

SOURCE: R

LABEL: Trip travel time

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

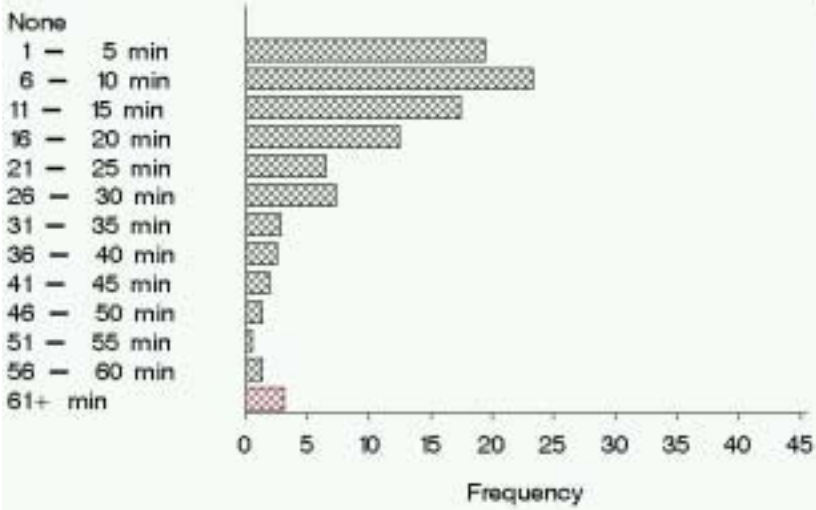
[min]

RELEVANT FORMAT STATEMENTS:

TIMES_A, TIMES_B, TIMES_C

FREQUENCIES:

T_TT



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	7	7	0.01	0.01
1 – 5 min	10153	10160	19.42	19.44
6 – 10 min	12177	22337	23.30	42.73
11 – 15 min	9123	31460	17.45	60.18
16 – 20 min	6496	37956	12.43	72.61
21 – 25 min	3398	41354	6.50	79.11
26 – 30 min	3799	45153	7.27	86.38
31 – 35 min	1481	46634	2.83	89.21
36 – 40 min	1323	47957	2.53	91.74
41 – 45 min	1020	48977	1.95	93.69
46 – 50 min	701	49678	1.34	95.04
51 – 55 min	288	49966	0.55	95.59
56 – 60 min	680	50646	1.30	96.89
61+ min	1627	52273	3.11	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
T_TT	52273	0	19.56	24.92	0.00	1101.00	8	15	23

NAME: T_WAIT

SOURCE: R

LABEL: Trip waiting time

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

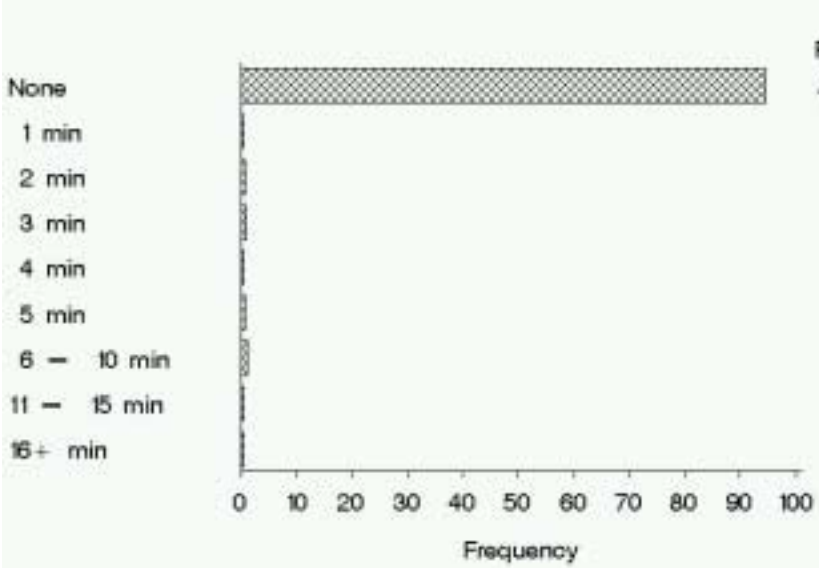
E.g. on bus stops [min]

RELEVANT FORMAT STATEMENTS:

TIMES_A, TIMES_B, TIMES_C

FREQUENCIES:

T_WAIT



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	49452	49452	94.60	94.60
1 min	293	49745	0.56	95.16
2 min	390	50135	0.75	95.91
3 min	446	50581	0.85	96.76
4 min	235	50816	0.45	97.21
5 min	355	51171	0.68	97.89
6 – 10 min	618	51789	1.18	99.07
11 – 15 min	242	52031	0.46	99.54
16+ min	242	52273	0.46	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
T_WAIT	52273	0	0.40	3.29	0.00	276.00	0	0	0

NAME: T_WT

SOURCE: R

LABEL: Trip walking time

TYPE: Numeric / Discrete

DESCRIPTION/COMMENTS:

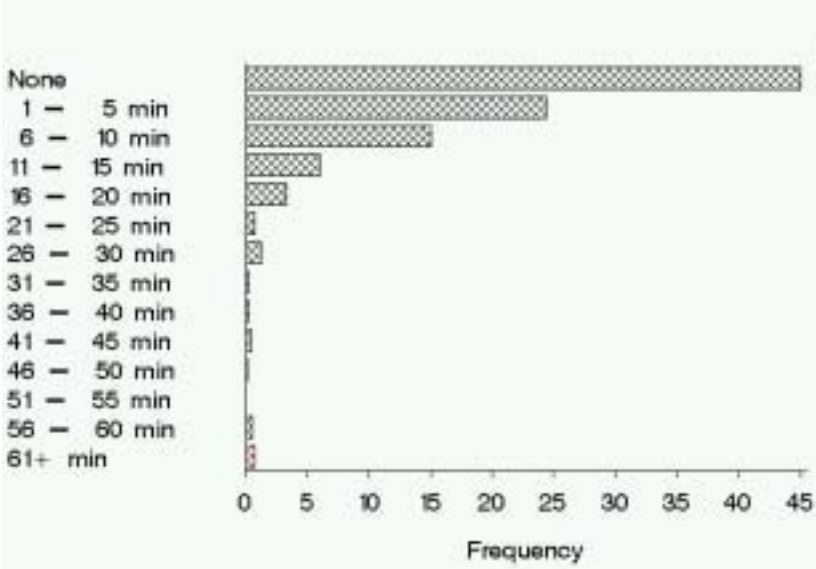
[min]

RELEVANT FORMAT STATEMENTS:

TIMES_A, TIMES_B, TIMES_C

FREQUENCIES:

T_WT



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	24579	24579	47.02	47.02
1 – 5 min	12715	37294	24.32	71.34
6 – 10 min	7874	45168	15.06	86.41
11 – 15 min	3124	48292	5.98	92.38
16 – 20 min	1744	50036	3.34	95.72
21 – 25 min	387	50423	0.74	96.46
26 – 30 min	615	51038	1.18	97.64
31 – 35 min	122	51160	0.23	97.87
36 – 40 min	134	51294	0.26	98.13
41 – 45 min	218	51512	0.42	98.54
46 – 50 min	93	51605	0.18	98.72
51 – 55 min	33	51638	0.06	98.79
56 – 60 min	252	51890	0.48	99.27
61+ min	383	52273	0.73	100.00

SUMMARY STATISTICS

Variable	N	Nmiss	Mean	Std Dev	Minimum	Maximum	Q1	Median	Q3
T_WT	52273	0	5.68	13.41	0.00	1101.00	0	1	7

NAME: WALKTIME

SOURCE: A (T) / A(.)

LABEL: Estimated model walk time

TYPE: Numeric / Discrete

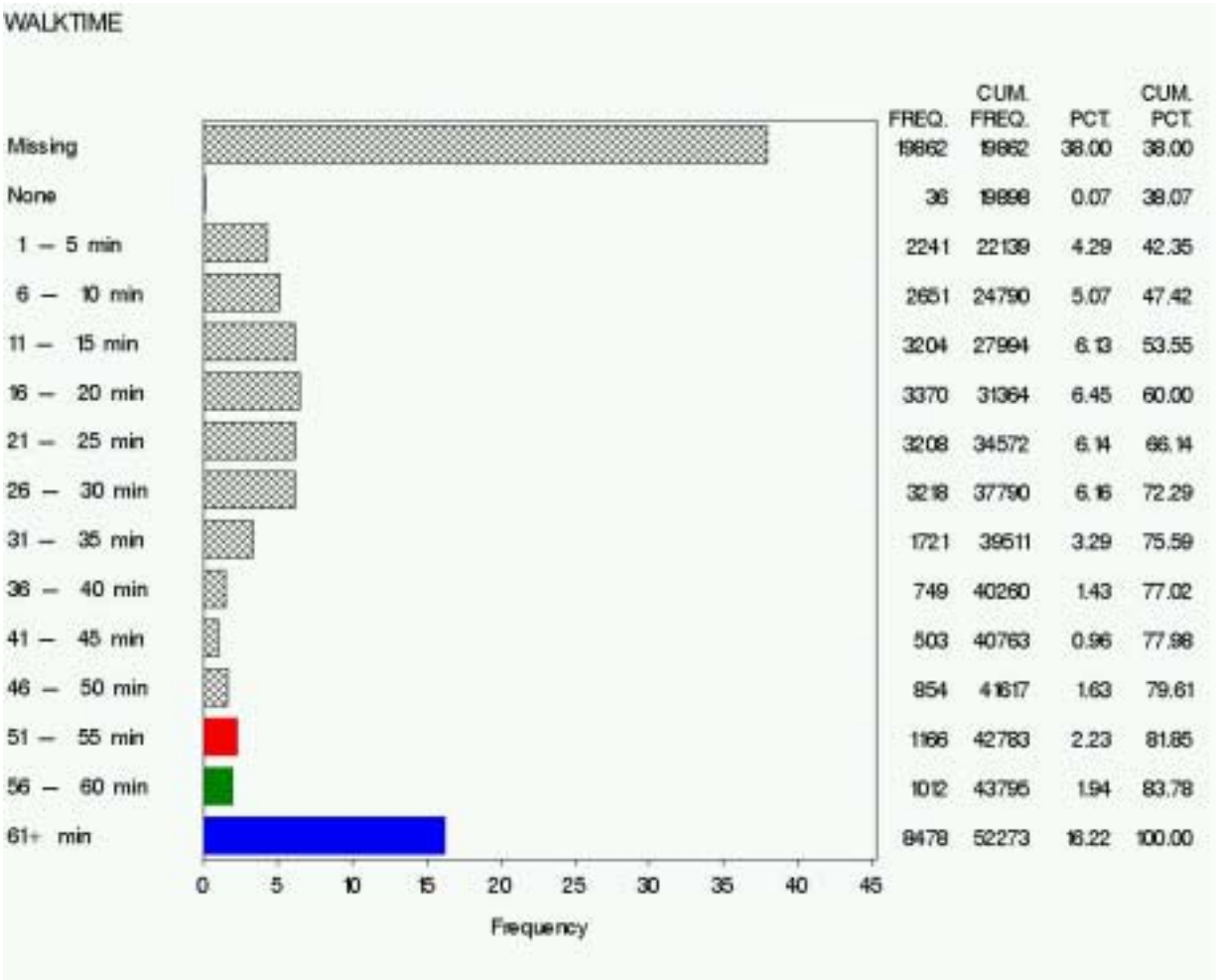
DESCRIPTION / COMMENTS:

(1) Estimation of model walking time (unit: in Dbase in seconds)

RELEVANT FORMAT STATEMENTS:

TIMES_A, TIMES_B, TIMES_C

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	19862	19862	38.00	38.00
None	36	19898	0.07	38.07
1 – 5 min	2241	22139	4.29	42.35
6 – 10 min	2651	24790	5.07	47.42
11 – 15 min	3204	27994	6.13	53.55
16 – 20 min	3370	31364	6.45	60.00
21 – 25 min	3208	34572	6.14	66.14
26 – 30 min	3218	37790	6.16	72.29
31 – 35 min	1721	39511	3.29	75.59
36 – 40 min	749	40260	1.43	77.02
41 – 45 min	503	40763	0.96	77.98
46 – 50 min	854	41617	1.63	79.61
51 – 55 min	1166	42783	2.23	81.85
56 – 60 min	1012	43795	1.94	83.78
61+ min	8478	52273	16.22	100.00

SUMMARY STATISTICS

N	Miss	Mean	Std Dev	Minimum	Maximum	Lower Quartile	Median	Upper Quartile
32411	19862	2562.15	2505.11	0	27226.76	897.0720214	1622.72	3663.91

NAME: WAVE

SOURCE: R

LABEL: Wave of survey

TYPE: Numeric / Discrete

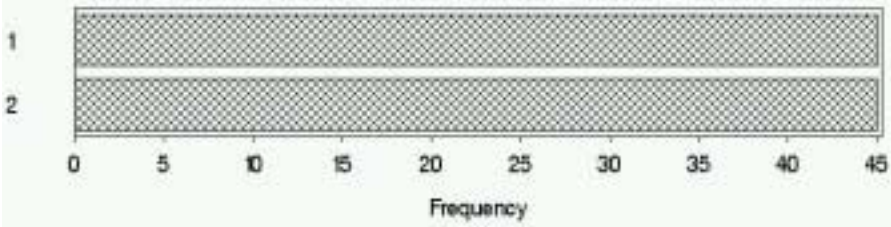
DESCRIPTION / COMMENTS:

See survey design papers for details

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

WAVE



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
1	27979	27979	53.52	53.52
2	24294	52273	46.48	100.00

NAME: W_O_RP

SOURCE: R

LABEL: Week of reporting period

TYPE: Numeric / Discrete

DESCRIPTION / COMMENTS:

Maximum 6 weeks of reporting

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: W_O_S

SOURCE: R

LABEL: Week of survey

TYPE: Numeric / Discrete

DESCRIPTION / COMMENTS:

1-8 (maximum) in pretest, 1- 9 (maximum) in main study

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: W_O_Y

SOURCE: R

LABEL: Week of year

TYPE: Numeric / Discrete

DESCRIPTION / COMMENTS:

Calendar weeks 22-29 (pretest) and 37-45 (main study)

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

1.4.3 *Character variables*

(no frequencies given)

CITY	City of survey	
NAM_O_MO	Names of used PT modes	Schedule based; Abbreviations: ‘Bus/RBS’ = Bus, ‘Str’ = Tram, ‘S’ = S-Bahn/local train, ‘Zug’ = German Rail local/regional/Inter-City trains
PUR_LEI	Purpose: Leisure	Open category
PUR_OTH	Purpose: Other	Open category
STUDY	Study name	Mobidrive Pretest and Mobidrive Main (study)
T_MC	Trip mode chain	Chain of modes used in “stages” Abbreviations: W = walk C = cycling M = motorbike D = car as driver P = car as passenger B = bus T = tram R = heavy rail (DB)) O = other

1.5 Immobile days (file D_IM_SUM)

1.5.1 *SAS Contents Procedure*

```
Data Set Name: LAST.D_IM_SUM                          Observations:         960
Member Type:   DATA                                   Variables:            16
Engine:        V6                                     Indexes:              0
Created:       14:16 Wednesday, March 6, 2002         Observation Length:   330
Last Modified: 14:16 Wednesday, March 6, 2002         Deleted Observations: 0
Protection:                                           Compressed:           NO
Data Set Type:                                        Sorted:               NO
Label:


            -----Alphabetic List of Variables and Attributes-----

 #    Variable    Type    Len    Pos    Format    Label
ffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffff
12    CITY        Char      9    280              City of survey
14    CITYCODE    Num       8    306              Citycode
 8    D_O_RP      Num       8     56              Day of reporting period
 9    D_O_S       Num       8     64              Day of survey
 4    D_O_W       Num       8     24              Day of week
 1    D_O_Y       Num       8      0    DATE.     Day of year
 2    HH_NR       Num       8      8              Household number
11    INT_IM      Num       8    272              Interval since last immobile
 3    P_NR        Num       8     16              Person number
10    R_IM        Char    200     72              Reason from immobility
13    STUDY       Char     17    289              Study name
15    STUDYCOD    Num       8    314              Study code
 5    WAVE        Num       8     32              Wave of survey
 6    W_O_RP      Num       8     40              Week of reporting period
 7    W_O_S       Num       8     48              Week of survey
16    W_O_Y       Num       8    322              Week of year
```

1.5.2 *Numerical variables in alphabetical order*

NAME: CITYCODE

LABEL: Citycode

TYPE: Numeric / Discrete

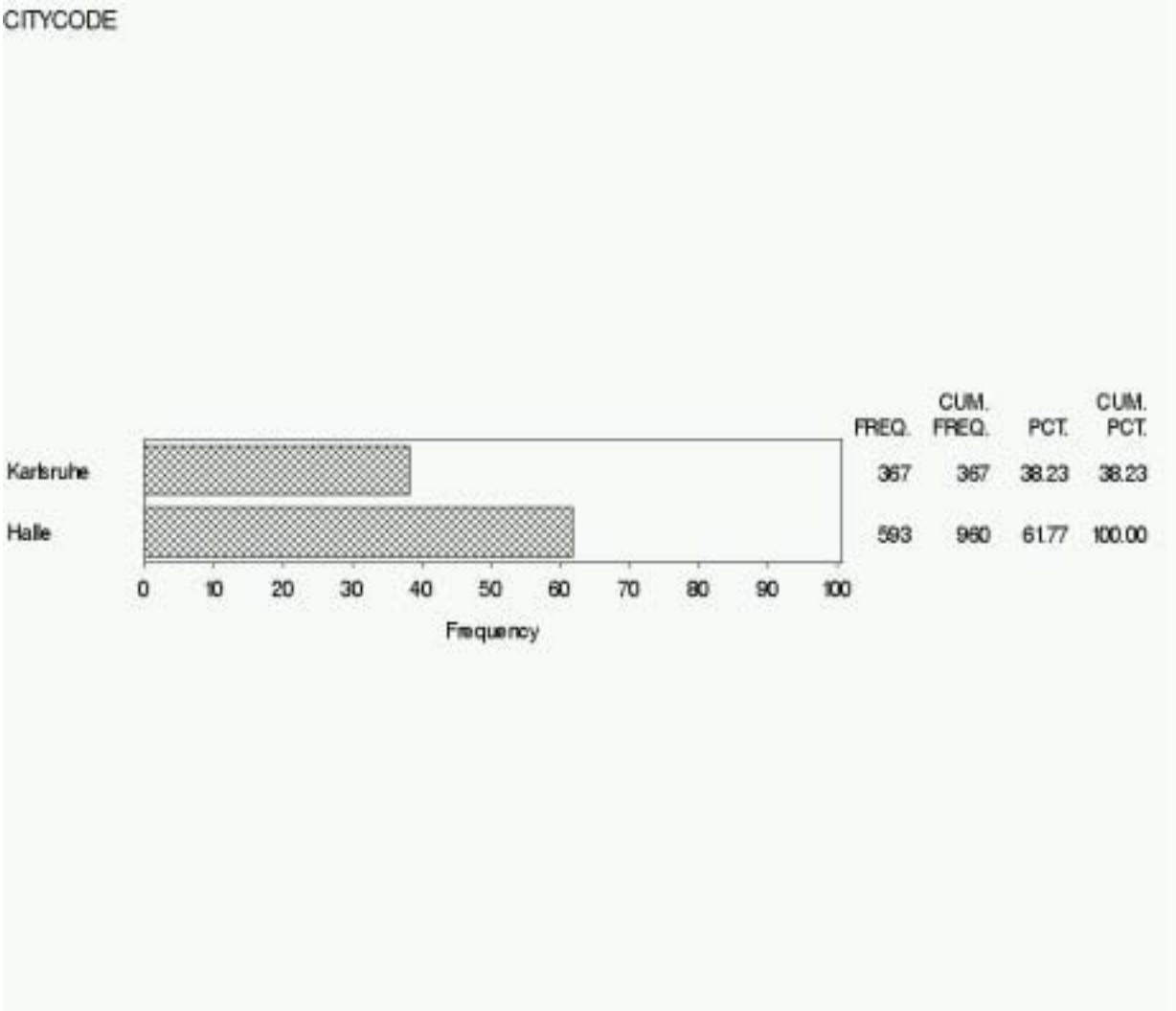
DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

CITYCODE

FREQUENCIES:



NAME: D_O_RP

LABEL: Day of reporting period

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: D_O_S

LABEL: Day of survey

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: D_O_W

LABEL: Day of week

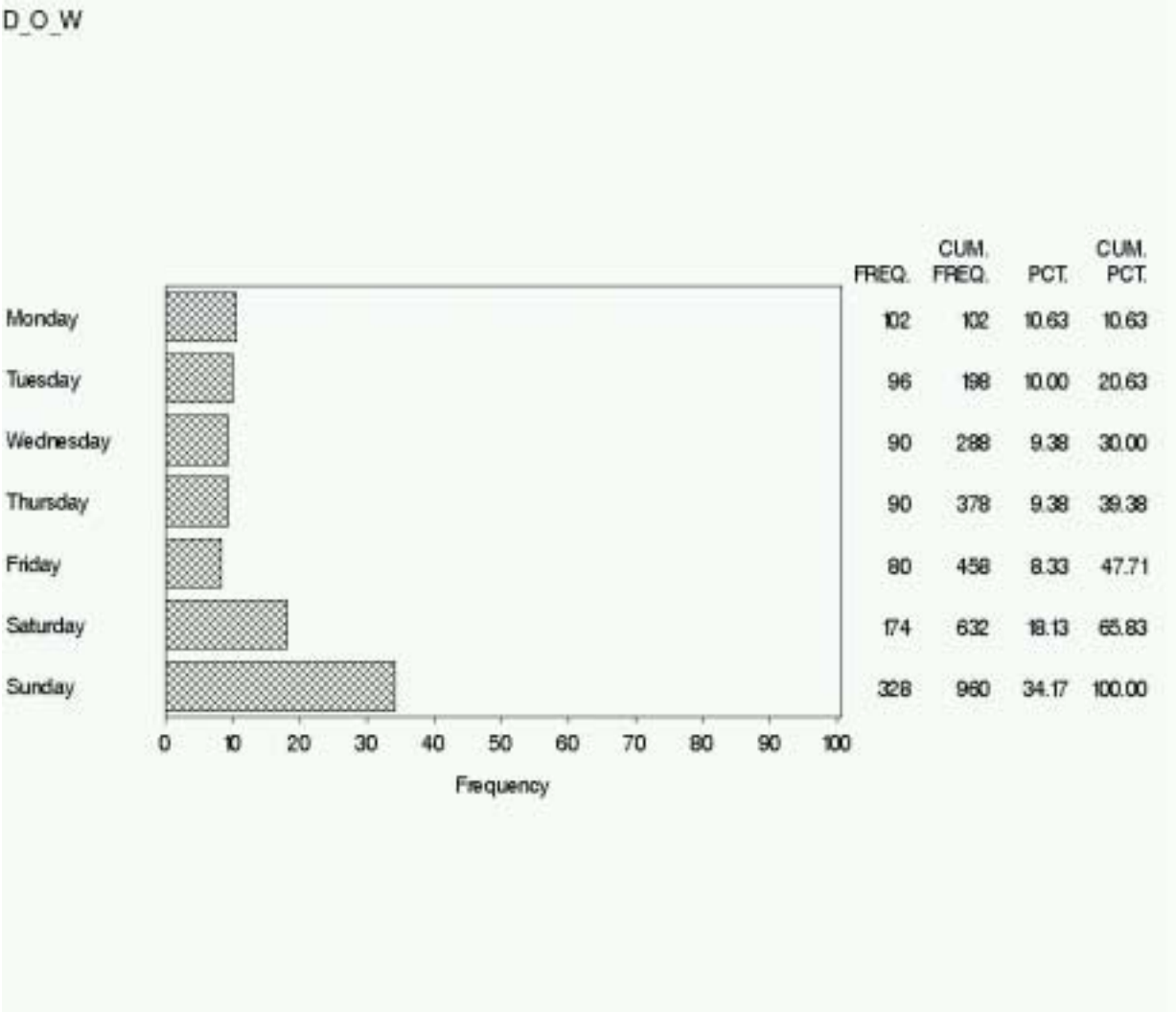
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

D_O_W, D_O_W_B, D_O_W_C, D_O_W_E

FREQUENCIES:



NAME: D_O_Y

LABEL: Day of year

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

DATE.

FREQUENCIES:

NAME: HH_NR

LABEL: Household Number

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: INT_IM

LABEL: Interval since last immobile

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

In days

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: P_NR

LABEL: Person number

TYPE: Numeric

DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: STUDYCOD

LABEL: Study code

TYPE: Numeric / Discrete

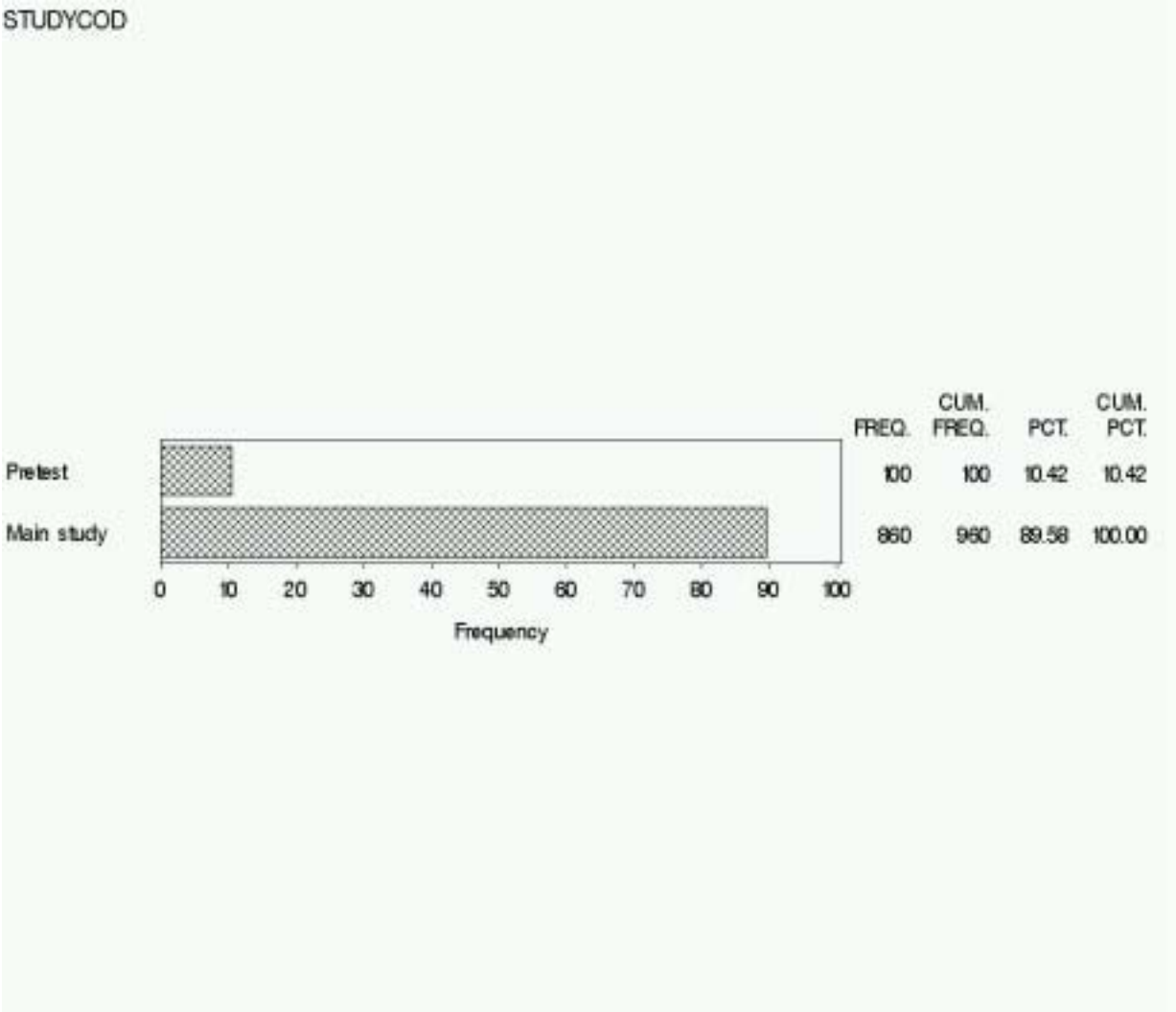
DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

STUDYCOD

FREQUENCIES:



NAME: WAVE

LABEL: Wave of survey

TYPE: Numeric / Discrete

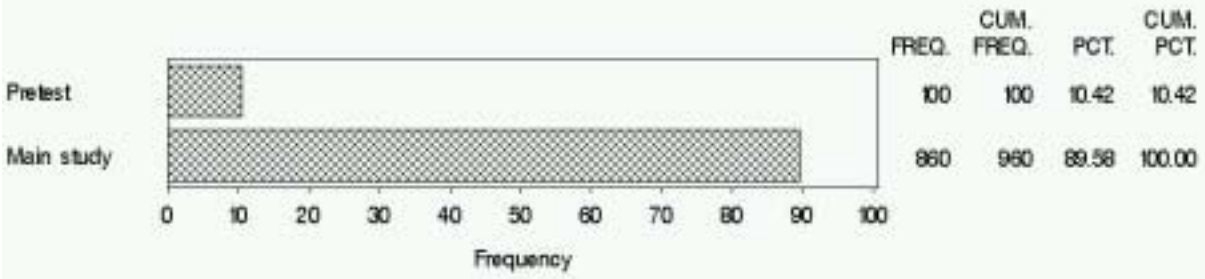
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

WAVE

FREQUENCIES:

STUDYCOD



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Pretest	100	100	10.42	10.42
Main study	860	960	89.58	100.00

NAME: W_O_RP

LABEL: Week of reporting period

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: W_O_S

LABEL: Week of survey

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: W_O_Y

LABEL: Week of year

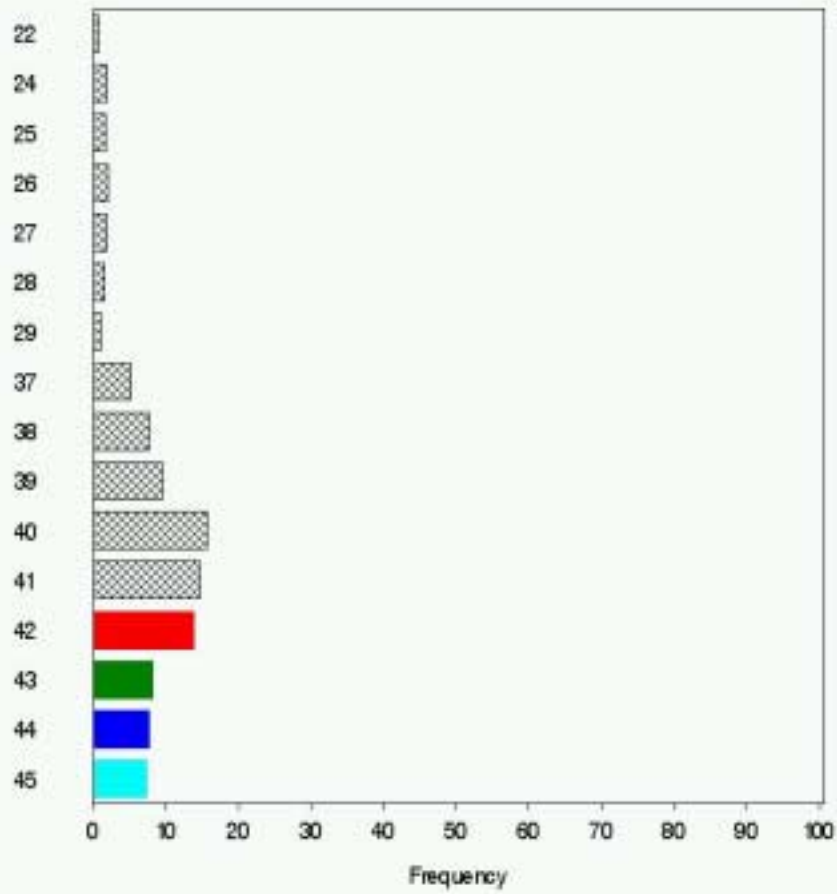
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

W_O_Y



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
22	7	7	0.73	0.73
24	17	24	1.77	2.50
25	16	40	1.67	4.17
26	19	59	1.98	6.15
27	17	76	1.77	7.92
28	14	90	1.46	9.38
29	10	100	1.04	10.42
37	49	149	5.10	15.52
38	73	222	7.60	23.13
39	92	314	9.58	32.71
40	151	465	15.73	48.44
41	140	605	14.58	63.02
42	133	738	13.85	76.88
43	78	816	8.13	85.00
44	73	889	7.60	92.60
45	71	960	7.40	100.00

1.5.3 *Character variables*

(no frequencies given)

CITY	City of survey	
R_IM	Reason from immobility	Open category
STUDY	Study name	

1.6 Days with long-distance journeys (file DWLD_SUM)

1.6.1 *SAS Contents Procedure*

```
Data Set Name: LAST.DWLD_SUM                          Observations:         656
Member Type:   DATA                                   Variables:            22
Engine:        V6                                     Indexes:              0
Created:       14:40 Wednesday, March 6, 2002         Observation Length:   420
Last Modified: 14:40 Wednesday, March 6, 2002         Deleted Observations: 0
Protection:                                           Compressed:           NO
Data Set Type:                                        Sorted:               NO
Label:


            -----Alphabetic List of Variables and Attributes-----

 #    Variable    Type    Len    Pos    Format    Label
ƒƒƒ
```

1.6.2 *Numerical variables in alphabetical order*

NAME: CITYCODE

LABEL: Citycode

TYPE: Numeric / Discrete

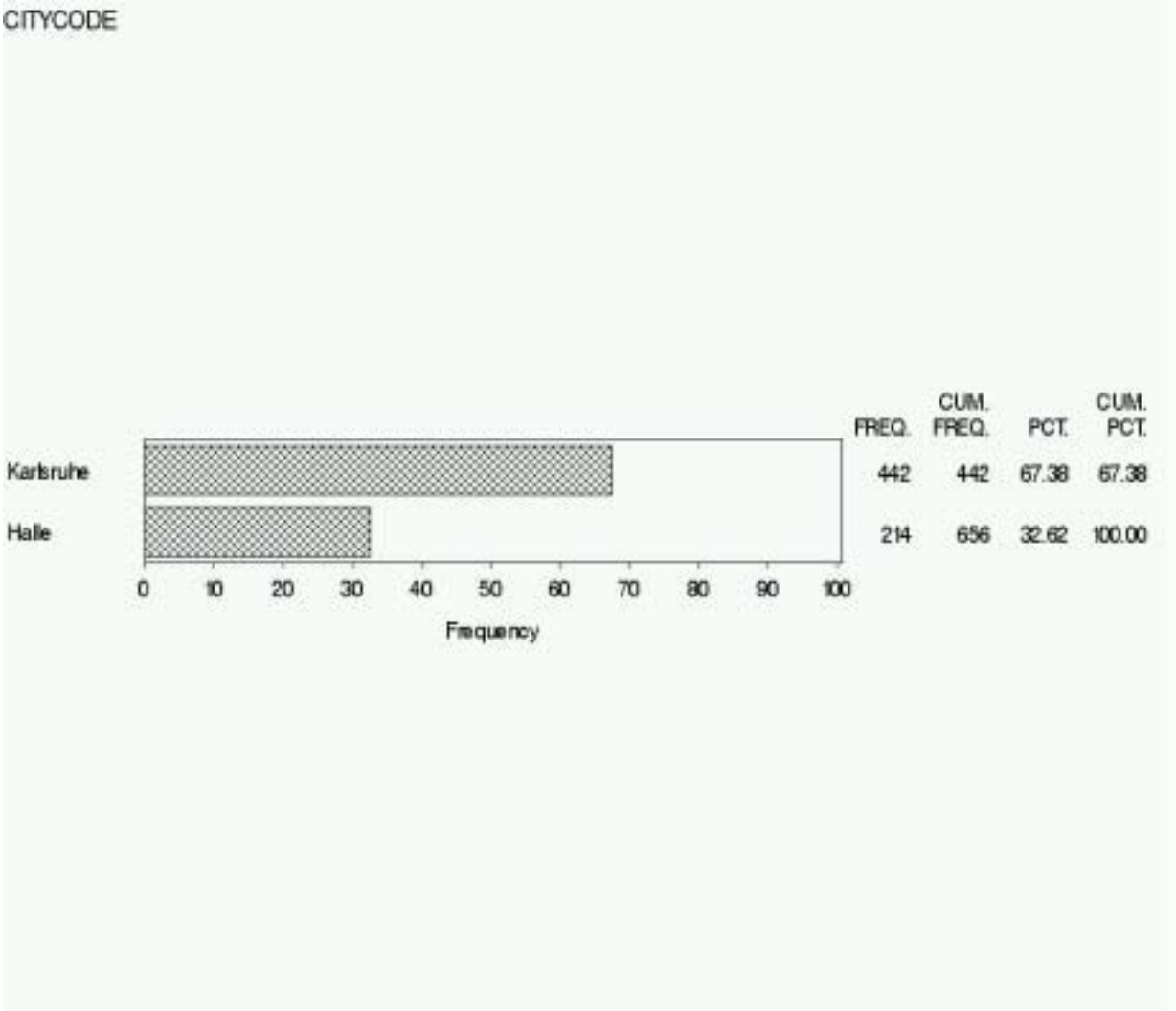
DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

CITYCODE

FREQUENCIES:



NAME: D_O_RP

LABEL: Day of reporting period

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: D_O_S

LABEL: Day of survey

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: D_O_W

LABEL: Day of Week

TYPE: Numeric

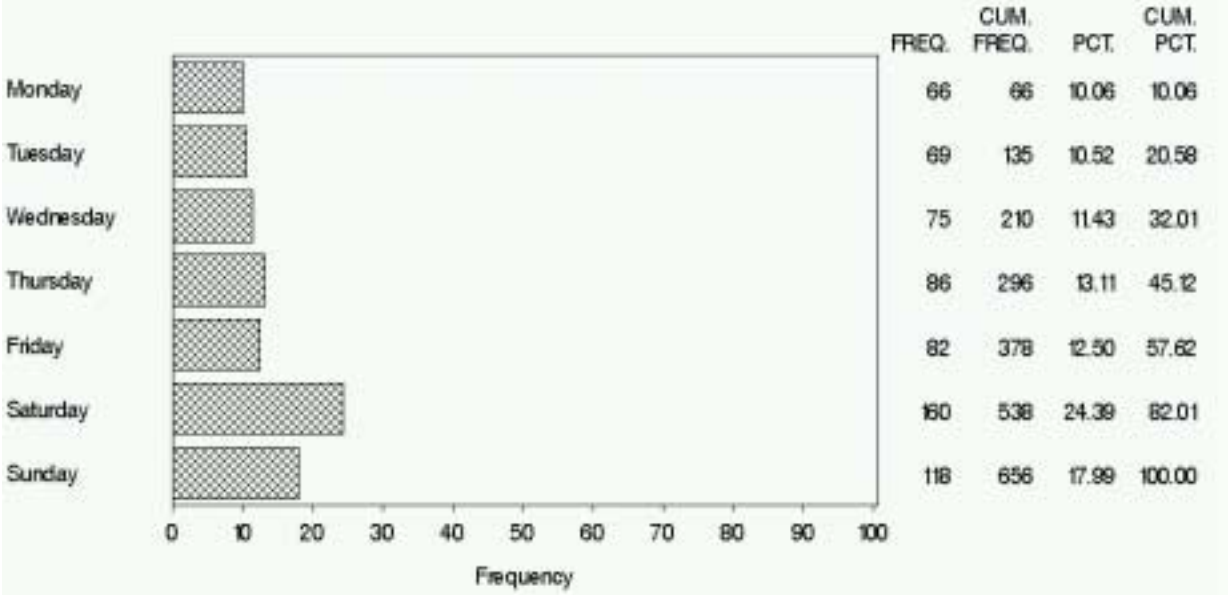
DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

D_O_W

FREQUENCIES:

D_O_W



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Monday	66	66	10.06	10.06
Tuesday	69	135	10.52	20.58
Wednesday	75	210	11.43	32.01
Thursday	86	296	13.11	45.12
Friday	82	378	12.50	57.62
Saturday	160	538	24.39	82.01
Sunday	118	656	17.99	100.00

NAME: D_O_Y

LABEL: Day of year

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: HH_NR

LABEL: Household number

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: INT_LDJD

LABEL: Interval since last day with LD journey

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

In days

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

Interval since last day with LD journey

INT_LDJD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	427	65.09	427	65.09
2	13	1.98	440	67.07
3	5	0.76	445	67.84
4	10	1.52	455	69.36
5	2	0.30	457	69.66
6	15	2.29	472	71.95
7	9	1.37	481	73.32
8	6	0.91	487	74.24
9	6	0.91	493	75.15
10	1	0.15	494	75.30
11	4	0.61	498	75.91
12	6	0.91	504	76.83
13	29	4.42	533	81.25
14	5	0.76	538	82.01
15	4	0.61	542	82.62
16	6	0.91	548	83.54
17	2	0.30	550	83.84
18	2	0.30	552	84.15
19	2	0.30	554	84.45
20	16	2.44	570	86.89
21	7	1.07	577	87.96
22	7	1.07	584	89.02
23	4	0.61	588	89.63
24	1	0.15	589	89.79
25	2	0.30	591	90.09
26	4	0.61	595	90.70
27	15	2.29	610	92.99
28	1	0.15	611	93.14
29	4	0.61	615	93.75
31	5	0.76	620	94.51
32	5	0.76	625	95.27
33	2	0.30	627	95.58
34	3	0.46	630	96.04
35	1	0.15	631	96.19
36	3	0.46	634	96.65
37	1	0.15	635	96.80
38	1	0.15	636	96.95
39	2	0.30	638	97.26
40	4	0.61	642	97.87
41	7	1.07	649	98.93
42	7	1.07	656	100.00

NAME: LDJ_ARR

LABEL: Arrival time LD journey

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

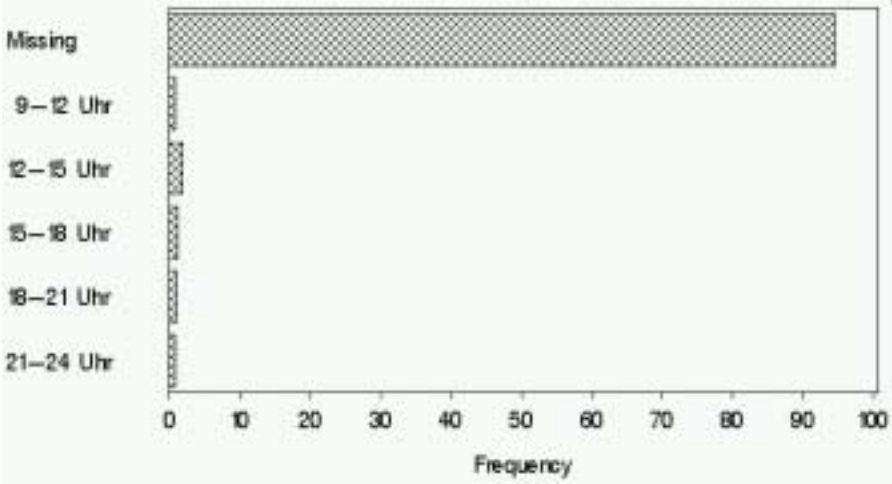
If reported

RELEVANT FORMAT STATEMENTS:

DAY_T_A, DAY_T_AE, DAY_T_B, DAY_T_BE

FREQUENCIES:

LDJ_ARR



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	620	620	94.51	94.51
9–12 Uhr	5	625	0.76	95.27
12–15 Uhr	12	637	1.83	97.10
15–18 Uhr	8	645	1.22	98.32
18–21 Uhr	6	651	0.91	99.24
21–24 Uhr	5	656	0.76	100.00

NAME: LDJ_DEP

LABEL: Departure time LD journey

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

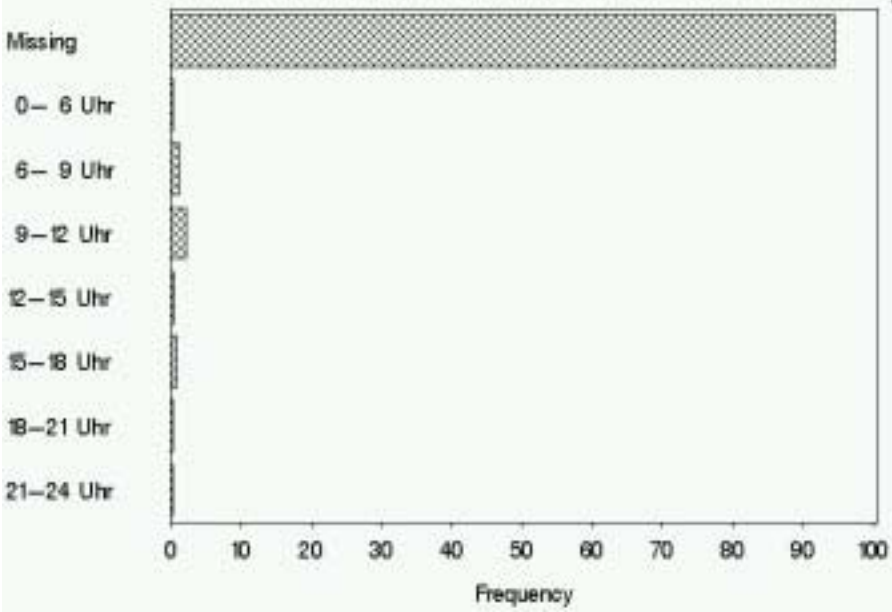
If reported

RELEVANT FORMAT STATEMENTS:

DAY_T_A, DAY_T_AE, DAY_T_B, DAY_T_BE

FREQUENCIES:

LDJ_DEP



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	620	620	94.51	94.51
0– 6 Uhr	2	622	0.30	94.82
6– 9 Uhr	8	630	1.22	96.04
9–12 Uhr	14	644	2.13	98.17
12–15 Uhr	3	647	0.46	98.63
15–18 Uhr	5	652	0.76	99.39
18–21 Uhr	2	654	0.30	99.70
21–24 Uhr	2	656	0.30	100.00

NAME: P_NR

LABEL: Person number

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: STUDYCOD

LABEL: Study code

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

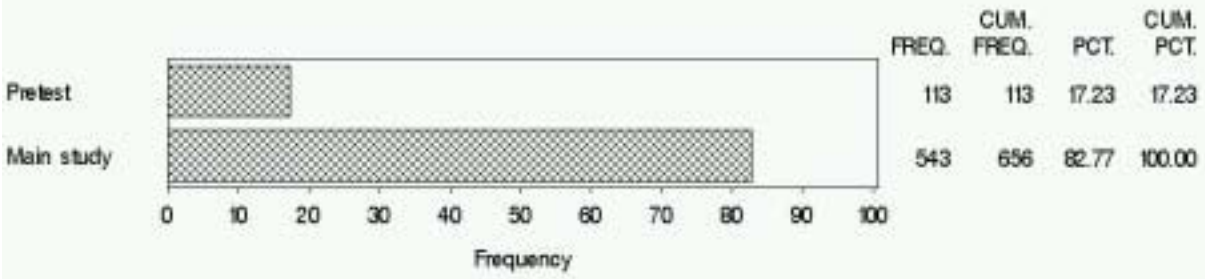
Index variable

RELEVANT FORMAT STATEMENTS:

STUDYCOD

FREQUENCIES:

STUDYCOD



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Pretest	113	113	17.23	17.23
Main study	543	656	82.77	100.00

NAME: S_O_P

LABEL: Size of party

TYPE: Numeric

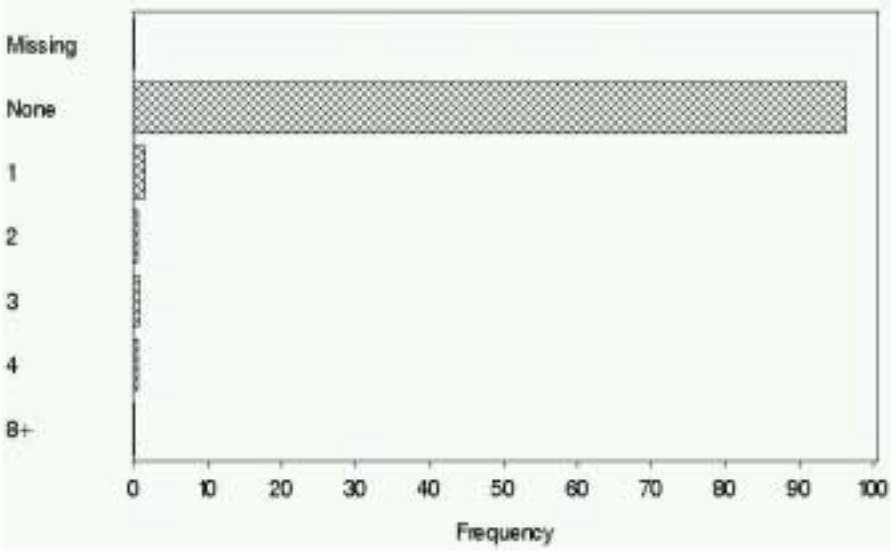
DESCRIPTION / COMMENT:

As reported by the respondents; 1 = one additional traveller etc.

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

S_O_P



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	1	1	0.15	0.15
None	631	632	96.19	96.34
1	10	642	1.52	97.87
2	4	646	0.61	98.48
3	5	651	0.76	99.24
4	4	655	0.61	99.85
8+	1	656	0.15	100.00

NAME: S_O_P_HH

LABEL: Size of party: HH members

TYPE: Numeric / Discrete

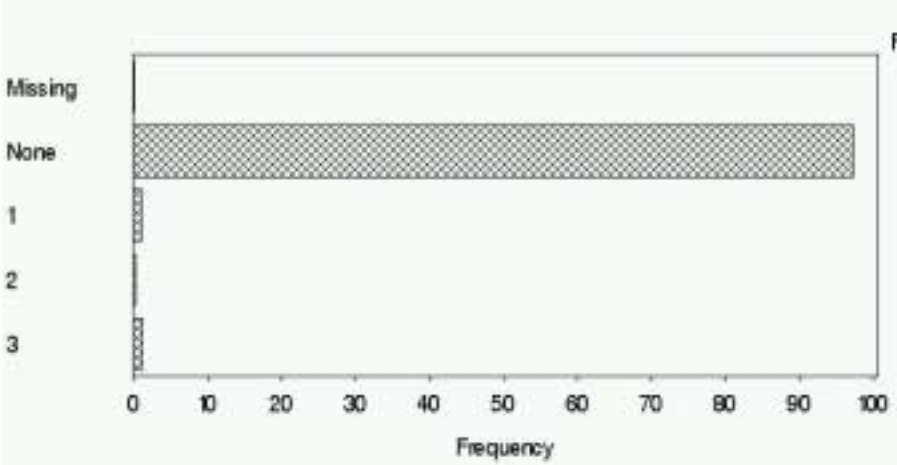
DESCRIPTION / COMMENT:

As reported by the respondents; 1 = one additional traveller etc.

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

S_O_P_HH



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
Missing	1	1	0.15	0.15
None	638	639	97.26	97.41
1	7	646	1.07	98.48
2	2	648	0.30	98.78
3	8	656	1.22	100.00

NAME: S_O_P_O

LABEL: Size of party: Others

TYPE: Numeric / Discrete

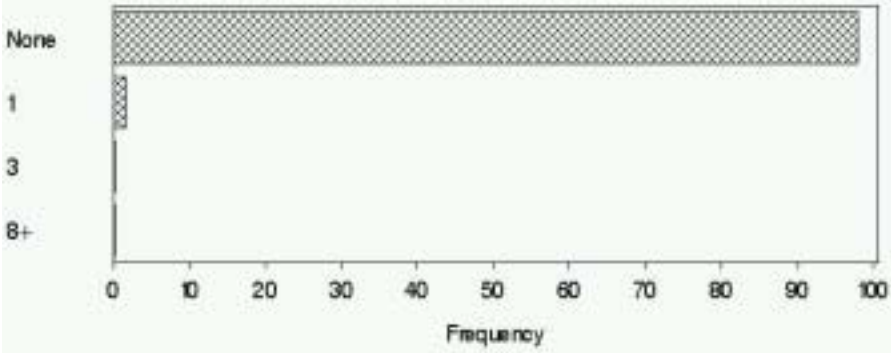
DESCRIPTION / COMMENT:

As reported by the respondents; 1 = one additional traveller etc.

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

S_O_P_O



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
None	643	643	98.02	98.02
1	11	654	1.68	99.70
3	1	655	0.15	99.85
8+	1	656	0.15	100.00

NAME: WAVE

LABEL: Wave of survey

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

WAVE

FREQUENCIES:

NAME: W_O_RP

LABEL: Week of reporting period

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: W_O_S

LABEL: Week of survey

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: W_O_Y

LABEL: Week of year

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

Week of year

W_O_Y	Frequency	Percent	Cumulative Frequency	Cumulative Percent
22	11	1.68	11	1.68
23	4	0.61	15	2.29
24	7	1.07	22	3.35
25	9	1.37	31	4.73
26	6	0.91	37	5.64
27	44	6.71	81	12.35
28	14	2.13	95	14.48
29	18	2.74	113	17.23
37	10	1.52	123	18.75
38	85	12.96	208	31.71
39	57	8.69	265	40.40
40	78	11.89	343	52.29
41	59	8.99	402	61.28
42	84	12.80	486	74.09
43	127	19.36	613	93.45
44	30	4.57	643	98.02
45	13	1.98	656	100.00

1.6.3 *Character variables*

(no frequencies given)

CITY	City of survey	
D_LDJ	Destination LD journey	Open category
R_LDJ	Reason from LD journey	Open category
STUDY	Study name	

1.7 Attitudes and values (file VAL_SUM)

One additional part of the Mobi*drive* survey was the attitude and value survey. Driven by recent research in Germany and elsewhere, the project consortium aimed to analyse the relationship between attitudes towards the several means of transport as well as general values and the actually reported travel behaviour over the six-week period of reporting. The attitude and value survey consisted of several scales that addressed the attitudes of the travellers to the different modes (walking, bicycling, bus, public transport, car and mobility in general plus car driving in particular for licence holders only) on the one hand, and a more general scale which looks at political and personal values on the other. The respondents were asked to tick a box on the scales which were titled with "This statement is... 'Absolutely right' – 'Rather true' – 'Rather untrue' – 'Not true at all'" for the transport mode instruments and "How important is for you... 'Irrelevant' – 'Very important' (plus three boxes to tick inbetween plus 'No answer' category) for the general values form. The details of this particular survey including the list of the items in the survey instruments is briefly given in Axhausen, Zimmermann, Schönfelder, Rindsfüser and Haupt (2002) as well as in PTV AG *et al.* (2000). Some initial findings concerning the relationship between attitudes and behaviour were presented at the 2001 AMUS conference in Aachen (Zimmermann, Schlich and Schönfelder, 2001).

Due to the large extent of the basic data, at this place only secondary data and related frequencies are provided. The basic data set with the imputed variabled (HOT DECK imputation, see Zimmermann *et al.*, 2001) is available on request, though (please contact IVT-ETHZ).

The variables shown here are factor scores based on a factor analysis with a two-factor solution (see e.g. Überla, 1977). Those factor scores are useful for the interpretation of the factors and necessary if new investigations are made with the extracted factors instead of the actual variables. The factor scores are only available for part of the Mobi*drive* main study respondents.

The aim of the explorative factor analysis is to extract few factors out of a range of variables which a) cannot be observed directly (*latent variables*), b) have high correlations with the original variables and c) are independent from each other. The applied methodology here is a principal components method. The amount of the factors to be extracted was set to two in order to simplify the result interpretation and to make the results comparable with recent studies (see e.g. Gawronski and Sydow, 1999). This approach was chosen although the explanatory power in terms of the variance was relatively low - ranging from 31.6% to 44.4% in Halle and from 31.2% to 44.8% in Karlsruhe.

In order to identify which items of the given scales can be described by a particular factor, all items which had high loadings (> 0.6) on one factor were grouped. The items (here: statements) with the highest loads are given in the variabel description/comments. This categorisiation leads to an interpretation of the factors concerning their contents (*meaning*). For analysing the link between the extracted factors and other variables for the single respondents, factor scores were assigned to each individual. These scores (frequencies given below) represent the cumulated and combined information of the source variables. The estimation procedure for the factor scores used here is of a regression type character which is described e.g. in Überla (1977).

1.7.1 *SAS Contents Procedure*

```
Data Set Name: LAST.VAL_SUM                          Observations:         263
Member Type:   DATA                                  Variables:            30
Engine:        V6                                    Indexes:              0
Created:       14:50 Friday, March 15, 2002          Observation Length:   247
Last Modified: 14:50 Friday, March 15, 2002          Deleted Observations: 0
Protection:                                          Compressed:           NO
Data Set Type:                                       Sorted:               NO
Label:


                    -----Alphabetic List of Variables and Attributes-----

 #    Variable    Type    Len    Pos    Format    Informat    Label
ffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffff
19    CAR_F1HA    Num       8    151                          Factor1 HA: attitude towards car
 7    CAR_F1KA    Num       8     55                          Factor1 KA: attitude towards car
20    CAR_F2HA    Num       8    159                          Factor2 HA: attitude towards car
 8    CAR_F2KA    Num       8     63                          Factor2 KA: attitude towards car
 5    CITY        Char      9     32                          City of survey
 3    CITYCODE    Num       8     16    16.       16.         Citycode
21    CY_F1HA     Num       8    167                          Factor1 HA: attitude towards cycling
 9    CY_F1KA     Num       8     71                          Factor1 KA: attitude towards cycling
22    CY_F2HA     Num       8    175                          Factor2 HA: attitude towards cycling
10    CY_F2KA     Num       8     79                          Factor2 KA: attitude towards cycling
29    GEN_F1HA    Num       8    231                          Factor1 HA: general attitude
17    GEN_F1KA    Num       8    135                          Factor1 KA: general attitude
30    GEN_F2HA    Num       8    239                          Factor2 HA: general attitude
18    GEN_F2KA    Num       8    143                          Factor2 KA: general attitude
 1    HH_NR       Num       8      0    16.       16.         Household number
23    MO_F1HA     Num       8    183                          Factor1 HA: attitude towards mobility
11    MO_F1KA     Num       8     87                          Factor1 KA: attitude towards mobility
24    MO_F2HA     Num       8    191                          Factor2 HA: attitude towards mobility
12    MO_F2KA     Num       8     95                          Factor2 KA: attitude towards mobility
25    PE_F1HA     Num       8    199                          Factor1 HA: attitude towards pedestrian
13    PE_F1KA     Num       8    103                          Factor1 KA: attitude towards pedestrian
26    PE_F2HA     Num       8    207                          Factor2 HA: attitude towards pedestrian
14    PE_F2KA     Num       8    111                          Factor2 KA: attitude towards pedestrian
27    PU_F1HA     Num       8    215                          Factor1 HA: attitude towards public tran
15    PU_F1KA     Num       8    119                          Factor1 KA: attitude towards public tran
28    PU_F2HA     Num       8    223                          Factor2 HA: attitude towards public tran
16    PU_F2KA     Num       8    127                          Factor2 KA: attitude towards public tran
 2    P_NR        Num       8      8    16.       16.         Person number
 6    STUDY       Char     14     41                          Study name
 4    STUDYCOD    Num       8     24                          Study code
```

1.7.2 *Numerical variables in alphabetical order*

NAME: CAR_F1HA

LABEL: Factor1 HA: attitude towards car

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitude items towards cars

Relevant items with loads greater than 0.6:

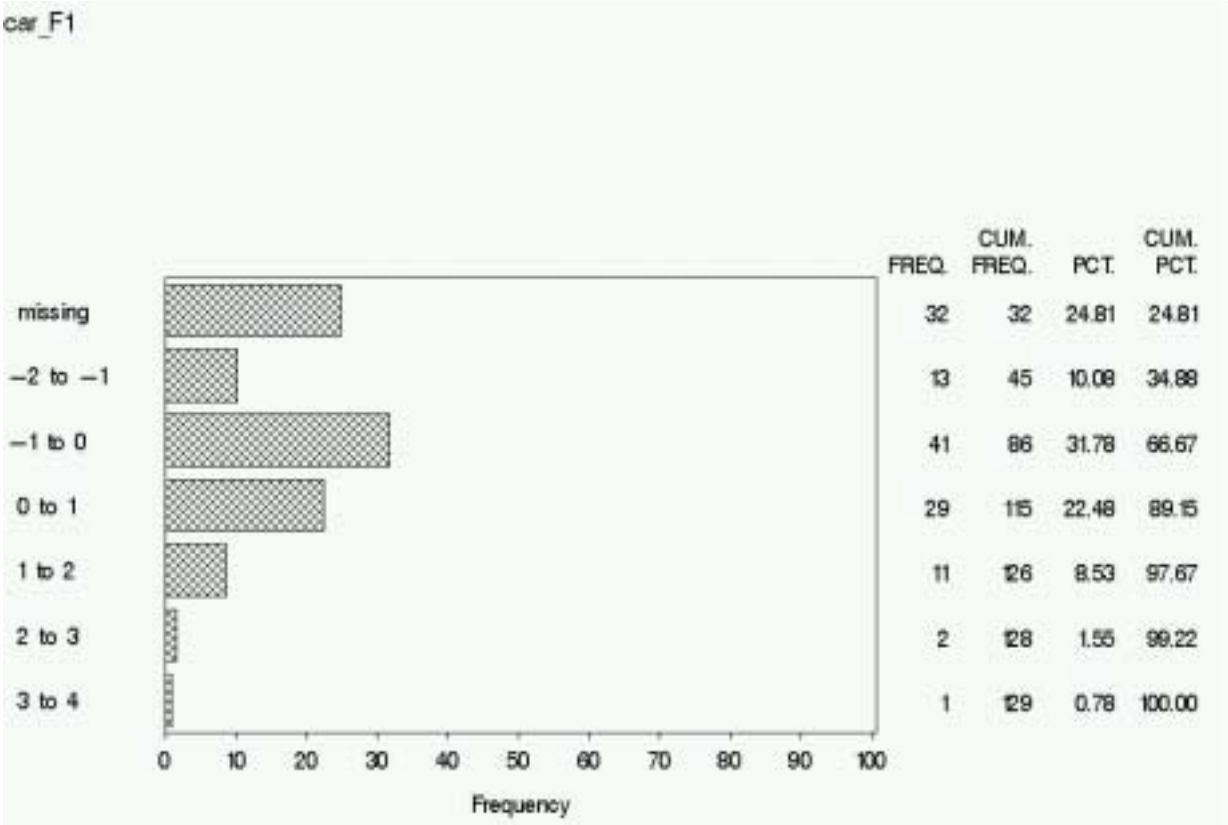
- Item 7: Sometimes while driving the car I can really let off steam.
- Item 14: If somebody dawdles just in front of me on the motorway I sometimes tailgate and flash the lights.
- Item 16: Sometimes I cut the curve while driving the car.
- Item 17: A certain portion of risk is part of the attraction of driving the car.

Explanatory power in terms of variance: 38.61%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



NAME: CAR_F1KA

LABEL: Factor1 KA: attitude towards car

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitude items towards cars

Relevant items with loads greater than 0.6:

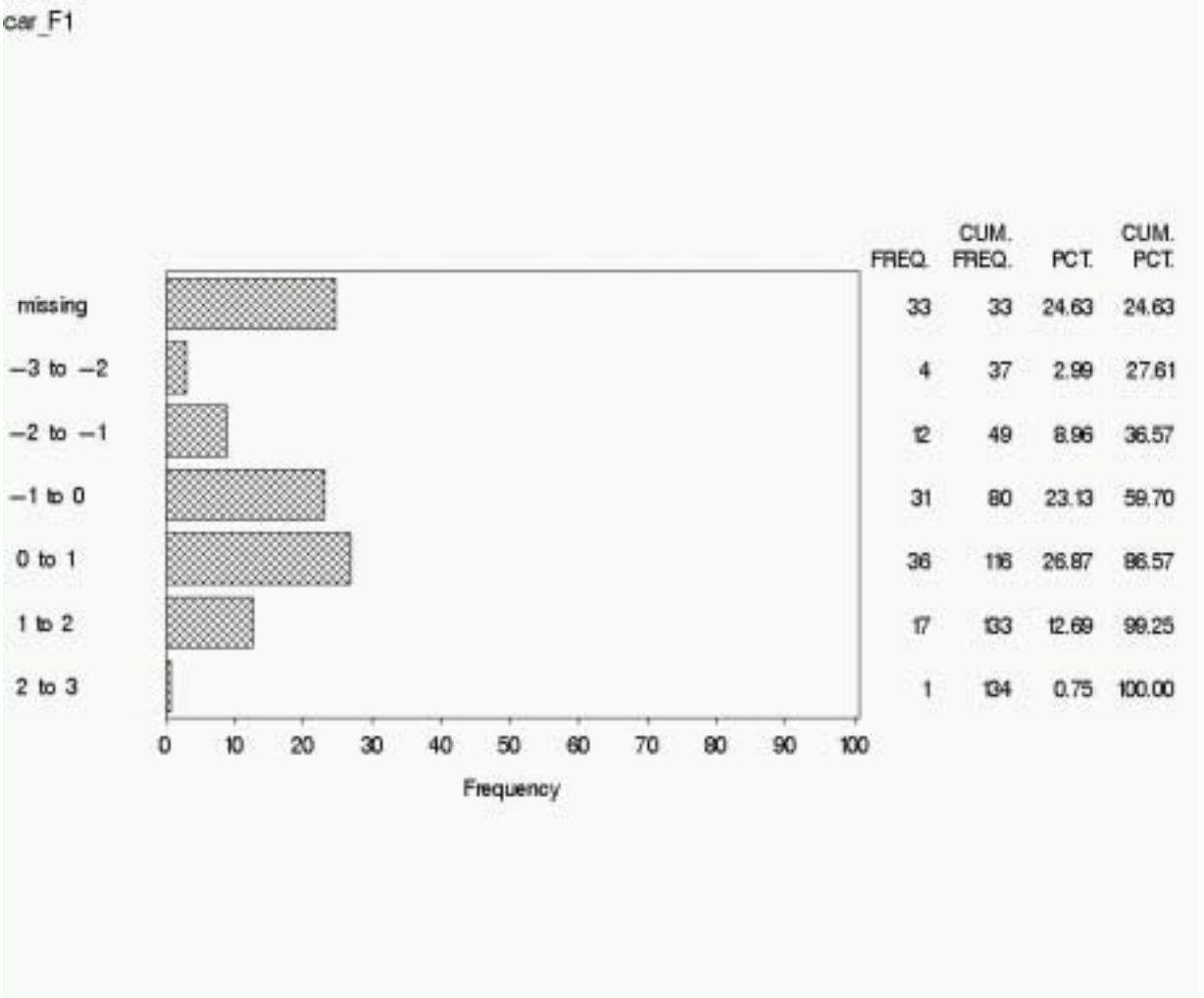
- Item 1: I feel immediately if there is something wrong with my car.

Explanatory power in terms of variance: 34.24%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



NAME: CAR_F2HA

LABEL: Factor2 HA: attitude towards car

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitude items towards cars

Relevant items with loads greater than 0.6:

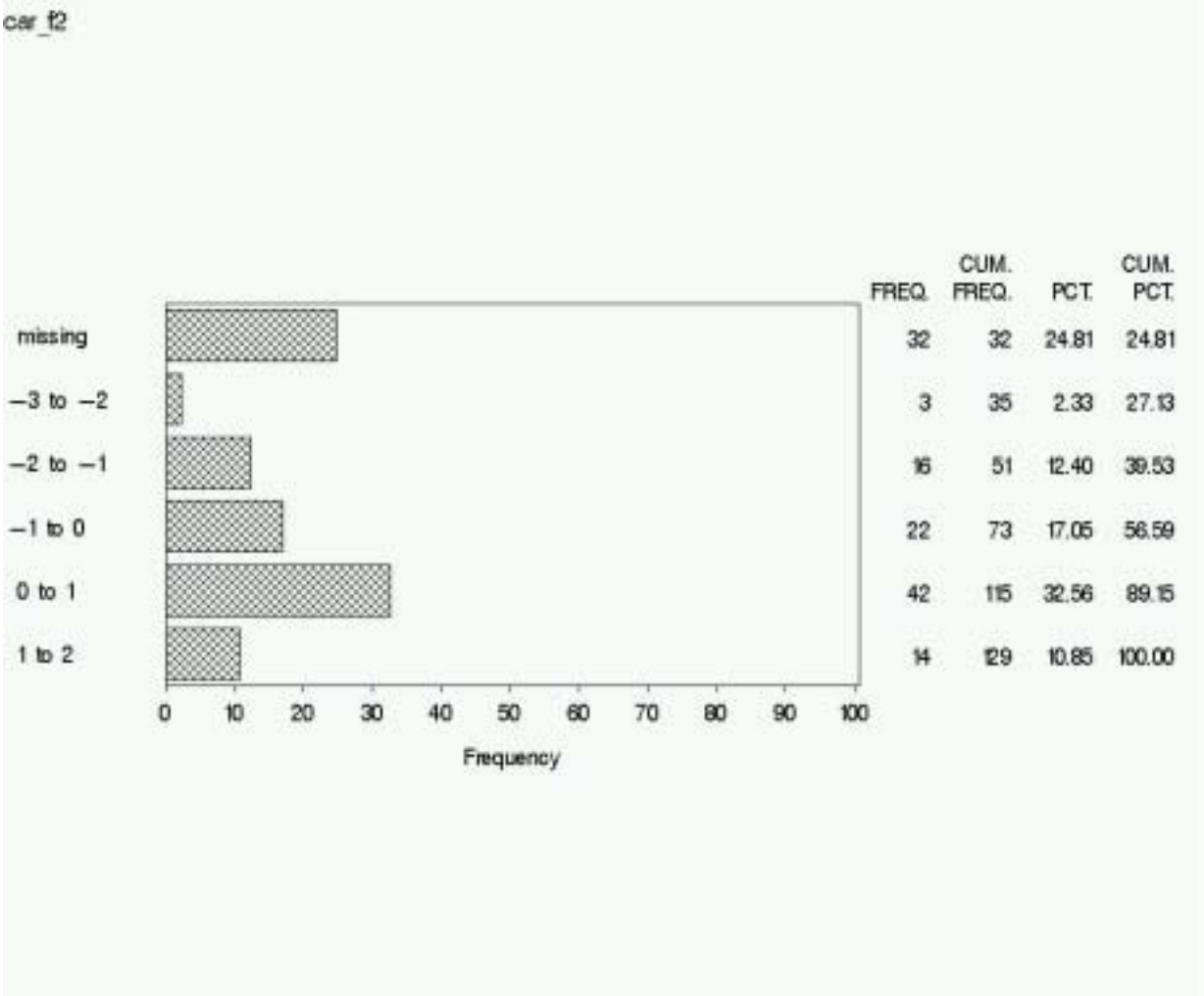
- Item 2: You save a lot of time by using the car.
- Item 8: My car is like a good friend to me.

Explanatory power in terms of variance: 38.61%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	32	32	24.81	24.81
−3 to −2	3	35	2.33	27.13
−2 to −1	16	51	12.40	39.53
−1 to 0	22	73	17.05	56.59
0 to 1	42	115	32.56	89.15
1 to 2	14	129	10.85	100.00

NAME: CAR_F2KA

LABEL: Factor2 KA: attitude towards car

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitude items towards cars

Relevant items with loads greater than 0.6:

- Item 7: Sometimes while driving the car I can really let off steam.
- Item 14: If somebody dawdles just in front of me on the motorway I sometimes tailgate and flash the lights.
- Item 16: Sometimes I cut the curve while driving the car.
- Item 17: A certain portion of risk is part of the attraction of driving the car.

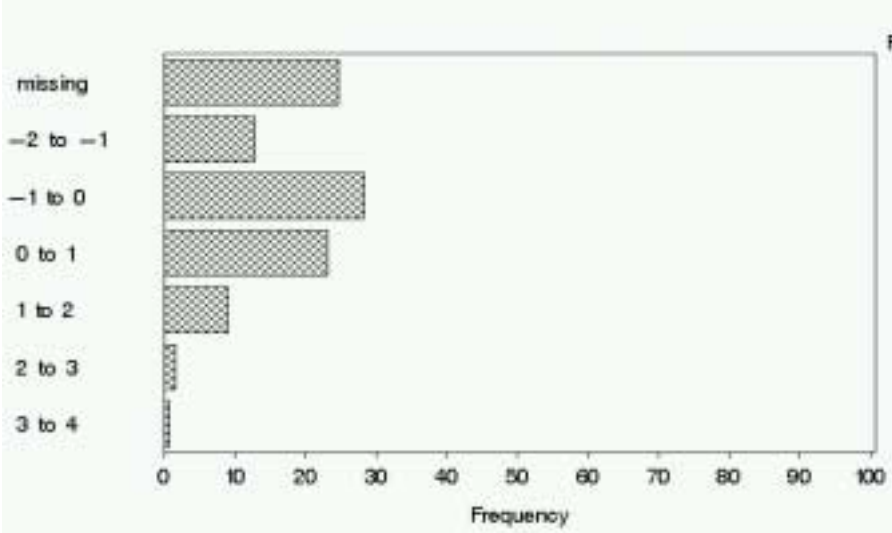
Explanatory power in terms of variance: 34.24%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:

car_f2



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	33	33	24.63	24.63
−2 to −1	17	50	12.69	37.31
−1 to 0	38	88	28.36	65.67
0 to 1	31	119	23.13	88.81
1 to 2	12	131	8.96	97.76
2 to 3	2	133	1.49	99.25
3 to 4	1	134	0.75	100.00

NAME: CITYCODE

LABEL: Citycode

TYPE: Numeric / Discrete

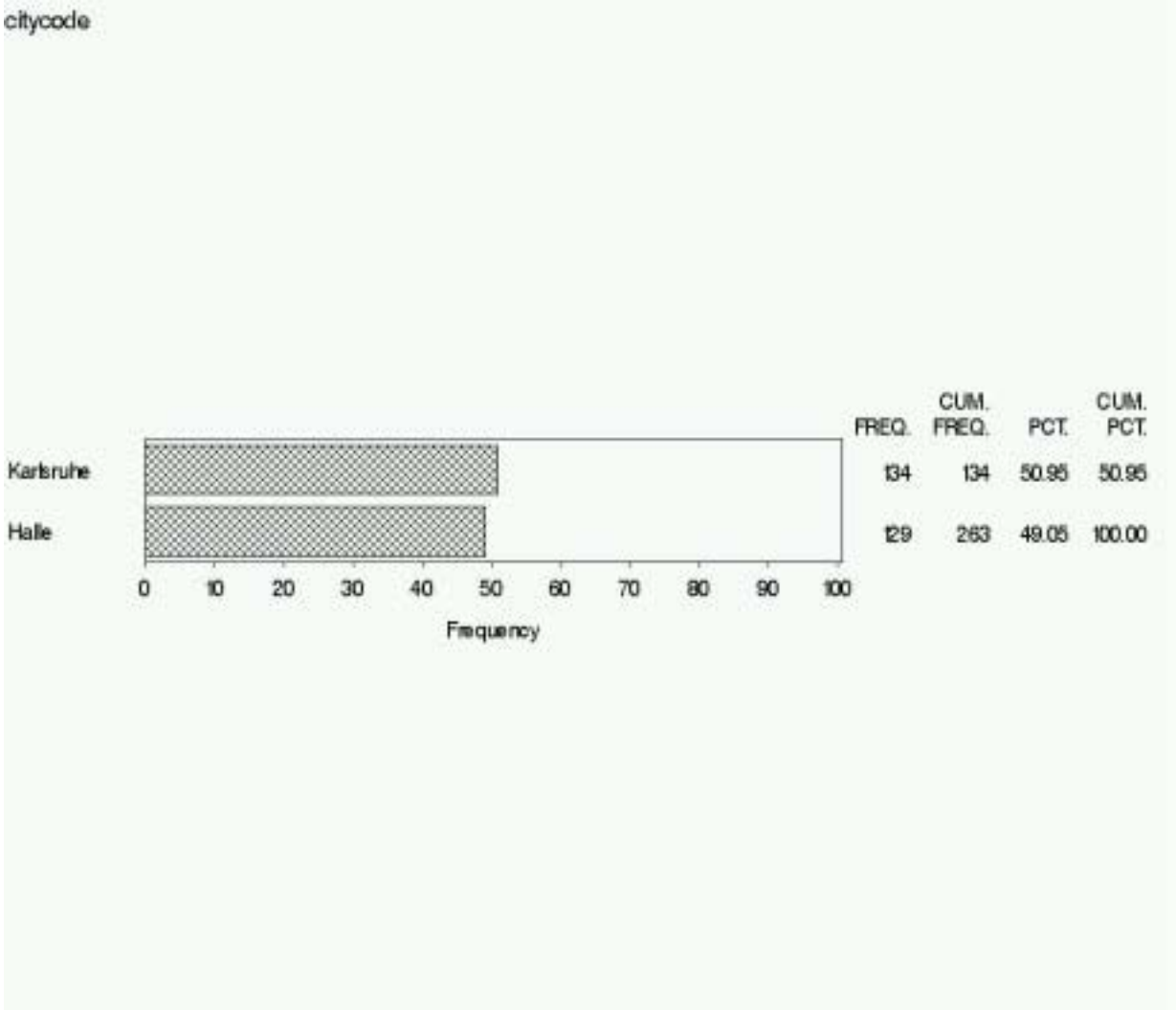
DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

CITYCODE

FREQUENCIES:



NAME: CY_F1HA

LABEL: Factor1 HA: attitude towards cycling

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitude items towards cycling

Relevant items with loads greater than 0.6:

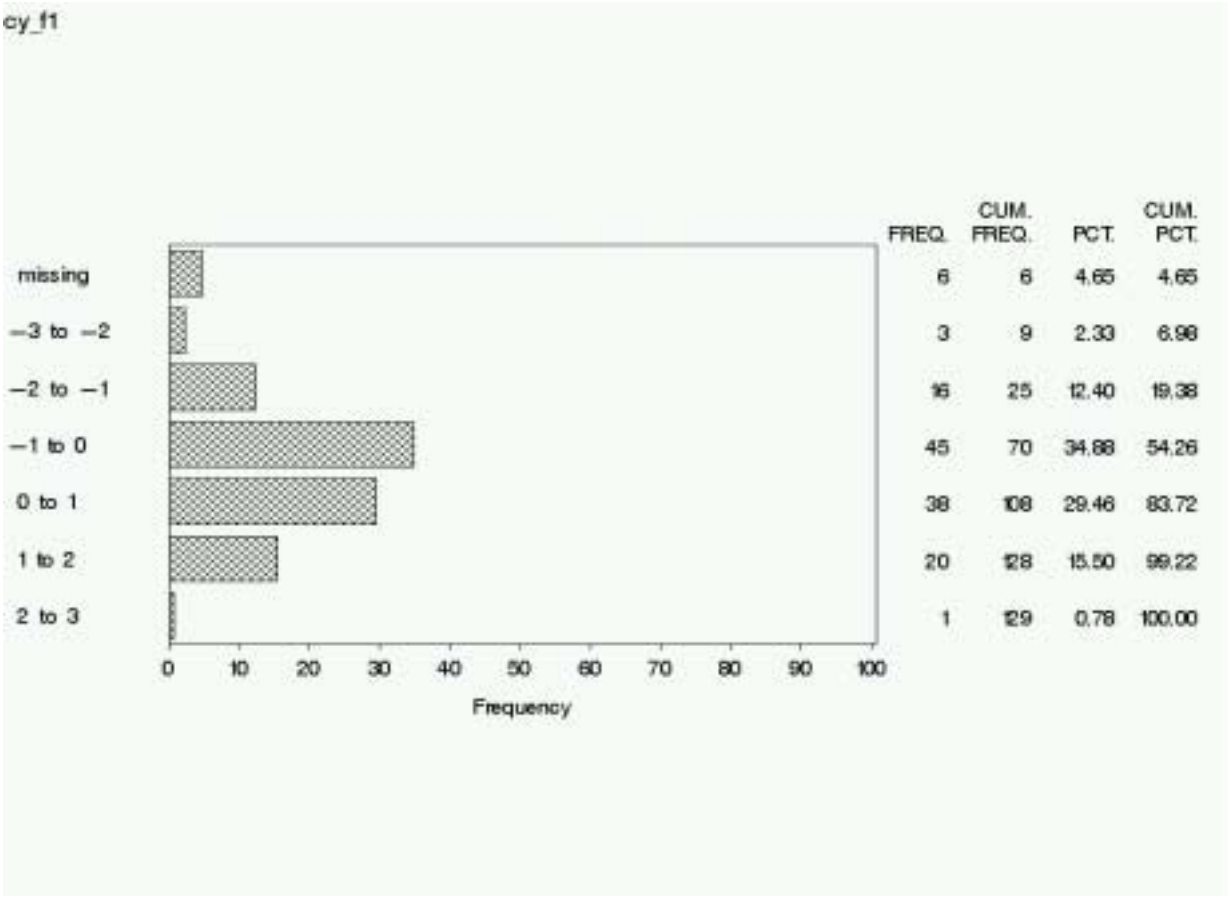
- Item 1: The best about cycling is to be close to the nature.
- Item 4: If I ride my bike I feel independent and free.
- Item 6: Cycling is the best way of moving.
- Item 10: My bike is like a good friend to me.
- Item 13: I even go by bike if the weather is bad.
- Item 18: There is still a lot to do for cyclists in Halle.

Explanatory power in terms of variance: 41.00%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	6	6	4.65	4.65
−3 to −2	3	9	2.33	6.98
−2 to −1	16	25	12.40	19.38
−1 to 0	45	70	34.88	54.26
0 to 1	38	108	29.46	83.72
1 to 2	20	128	15.50	99.22
2 to 3	1	129	0.78	100.00

NAME: CY_F1KA

LABEL: Factor1 KA: attitude towards cycling

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitude items towards cycling

Relevant items with loads greater than 0.6:

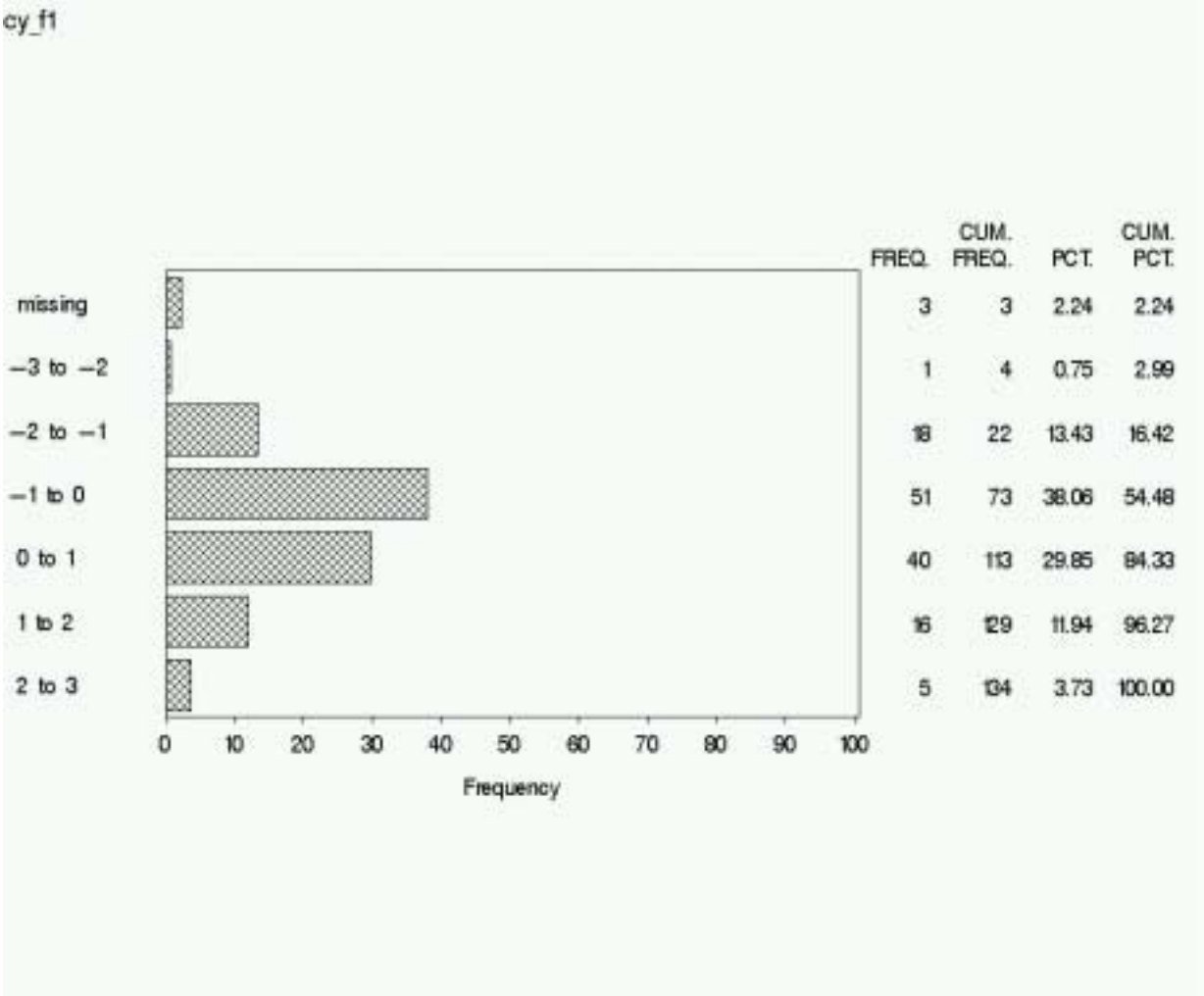
- Item 1: The best about cycling is to be close to the nature.
- Item 4: If I ride my bike I feel independent and free.
- Item 6: For me cycling is the best way of moving.
- Item 10: My bike is a good friend to me.

Explanatory power in terms of variance: 33.69%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	3	3	2.24	2.24
−3 to −2	1	4	0.75	2.99
−2 to −1	18	22	13.43	16.42
−1 to 0	51	73	38.06	54.48
0 to 1	40	113	29.85	84.33
1 to 2	16	129	11.94	96.27
2 to 3	5	134	3.73	100.00

NAME: CY_F2HA

LABEL: Factor 2 HA: attitude towards cycling

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitude items towards cycling
Relevant items with loads greater than 0.6:

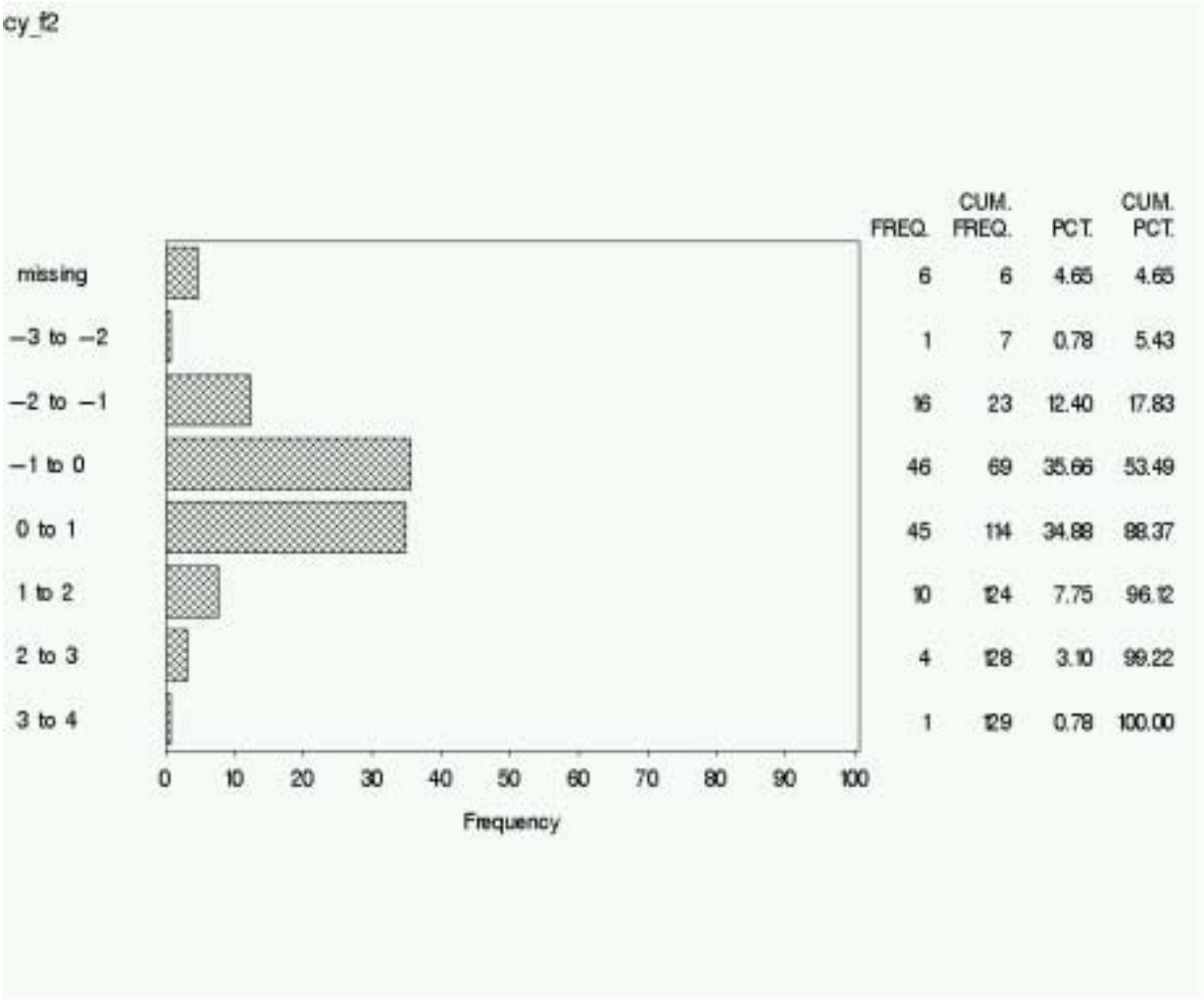
- Item 16: I appreciate bikes with a beautiful design.

Explanatory power in terms of variance: 41.00%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	6	6	4.65	4.65
−3 to −2	1	7	0.78	5.43
−2 to −1	16	23	12.40	17.83
−1 to 0	46	69	35.66	53.49
0 to 1	45	114	34.88	88.37
1 to 2	10	124	7.75	96.12
2 to 3	4	128	3.10	99.22
3 to 4	1	129	0.78	100.00

NAME: CY_F2KA

LABEL: Factor 2 KA: attitude towards cycling

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitude items towards cycling
Relevant items with loads greater than 0.6:

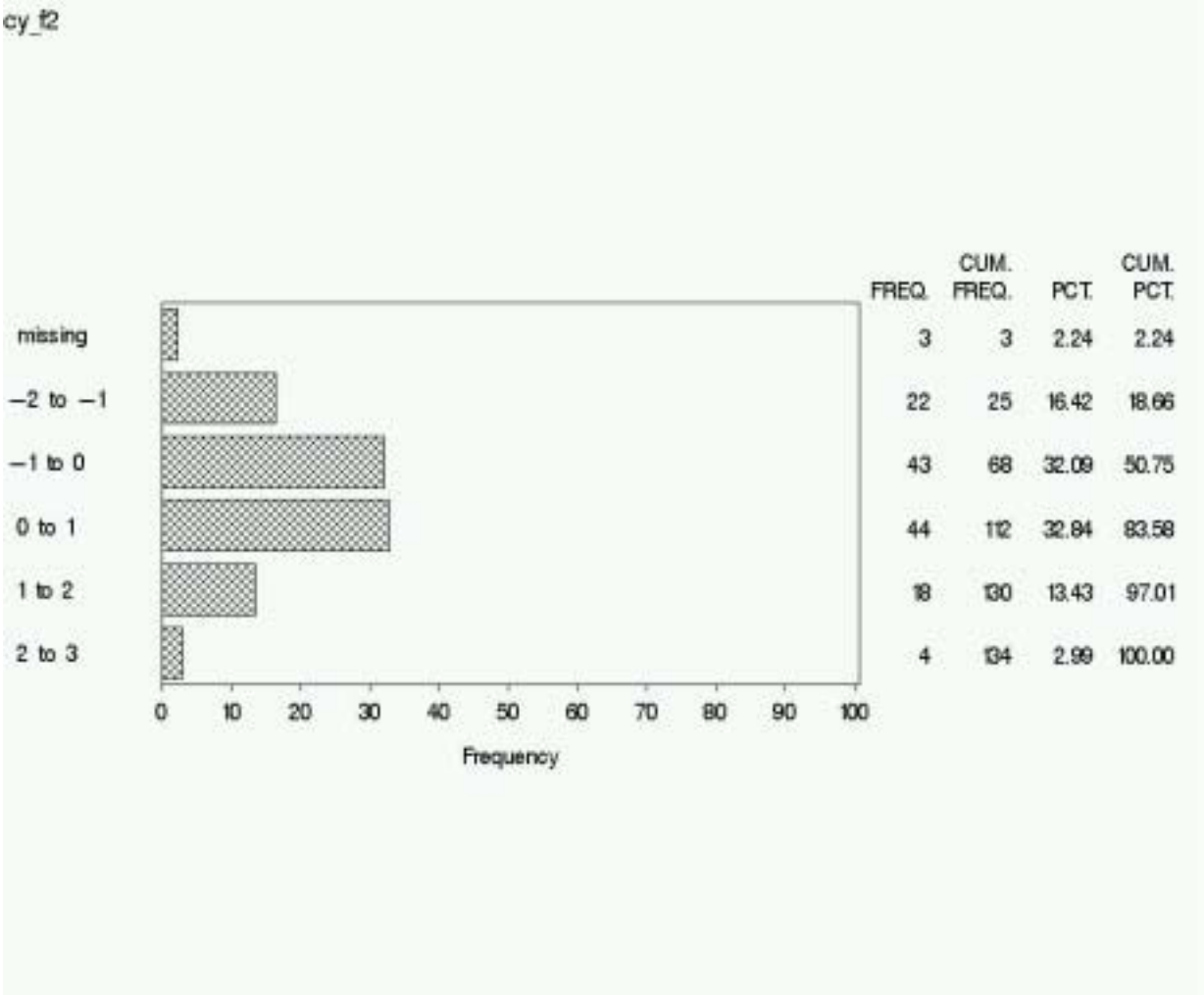
- Item 5: More and more cyclist behave extremely reckless in the traffic.
- Item 9: Carrying children on bikes is much too dangerous.
- Item 11: I don't like cyclists with shrill /loud coloured clothes and mountain bikes.

Explanatory power in terms of variance: 33.69%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	3	3	2.24	2.24
−2 to −1	22	25	16.42	18.66
−1 to 0	43	68	32.09	50.75
0 to 1	44	112	32.84	83.58
1 to 2	18	130	13.43	97.01
2 to 3	4	134	2.99	100.00

NAME: GEN_F1HA

LABEL: Factor 1 HA: general attitude

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all general attitudes items. Relevant items with loads greater than 0.6:

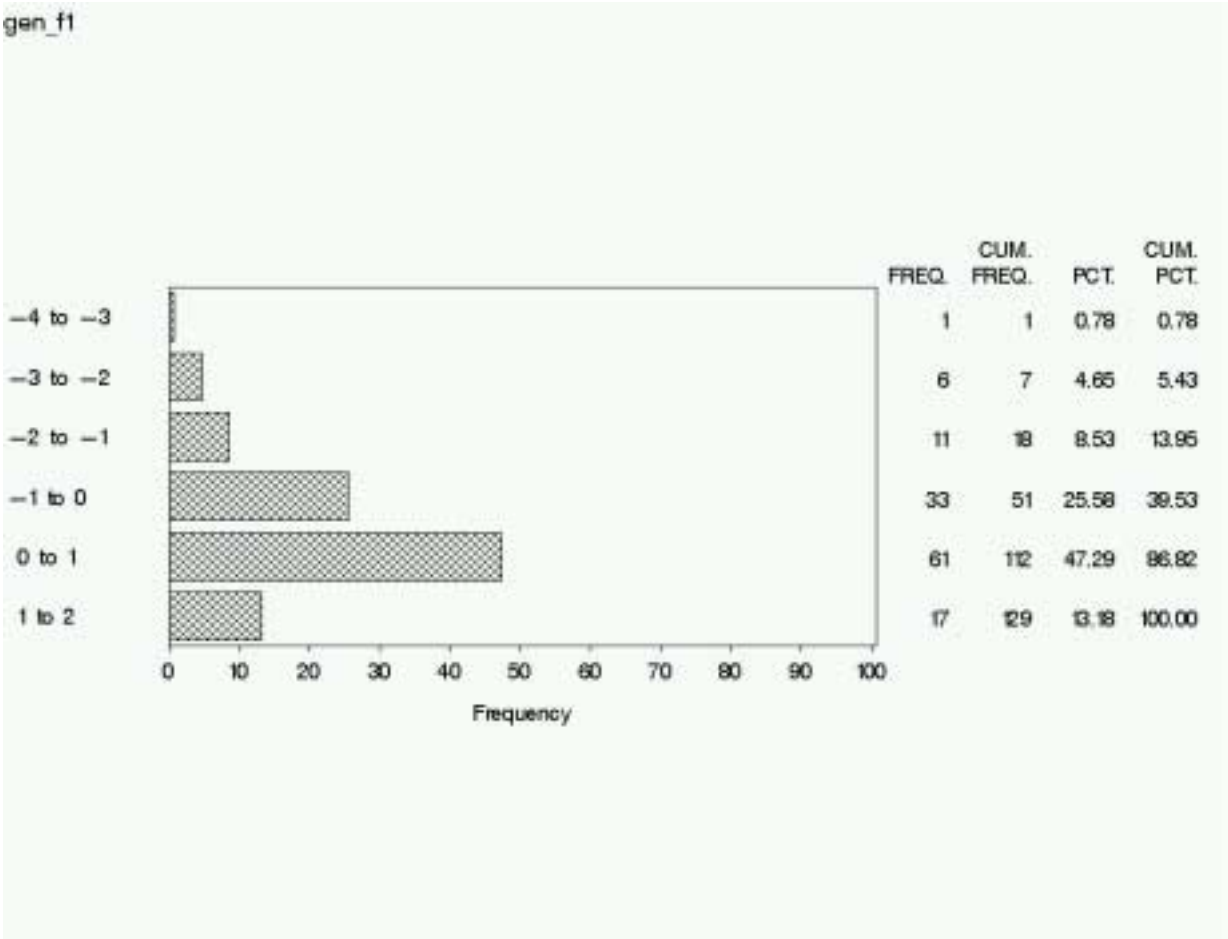
- Item 1: to act solidarily in the society.
- Item 2: to be useful for other people.
- Item 3: to be diligent and ambitious.
- Item 8: to stand the competition (in the job).
- Item 12: to have a safe job.
- Item 13: to live in a country which is powerful and influential.

Explanatory power in terms of variance: 35.93%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



NAME: GEN_F1KA

LABEL: Factor 1 KA: general attitude

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all general attitudes items. Relevant items with loads greater than 0.6:

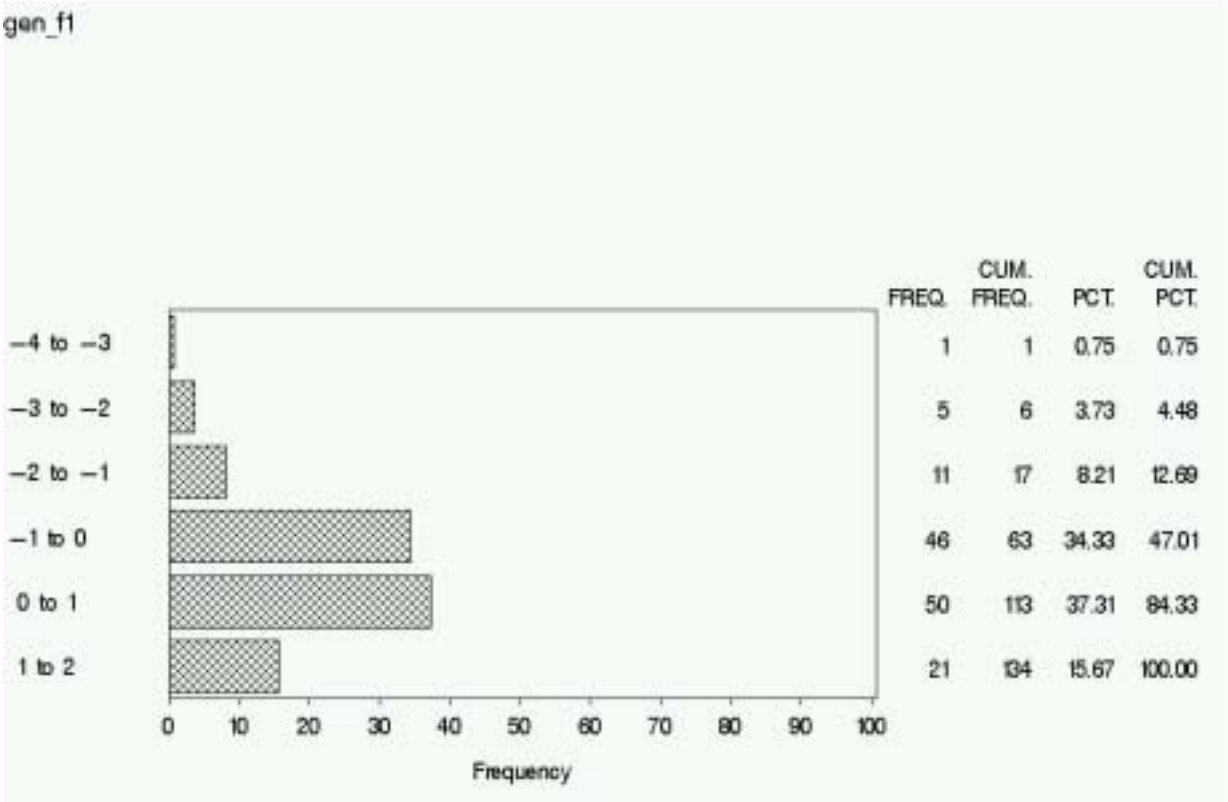
- Item 17: to strive for safety.
- Item 18: to respect people with different languages or faith..
- Item 19: to help other people.
- Item 21: to have power and influence.
- Item 22 . to have a strong government in your country.
- Item 23: to be able to stand up for others without danger if you think that's right.
- Item 24: to develop fantasy and creativity.
- Item 25: that the standard of living in your country is of advantage to other countries.

Explanatory power in terms of variance: 37.92%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



NAME: GEN_F2HA

LABEL: Factor 2 HA: general attitude

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all general attitudes items Relevant items with loads greater than 0.6:

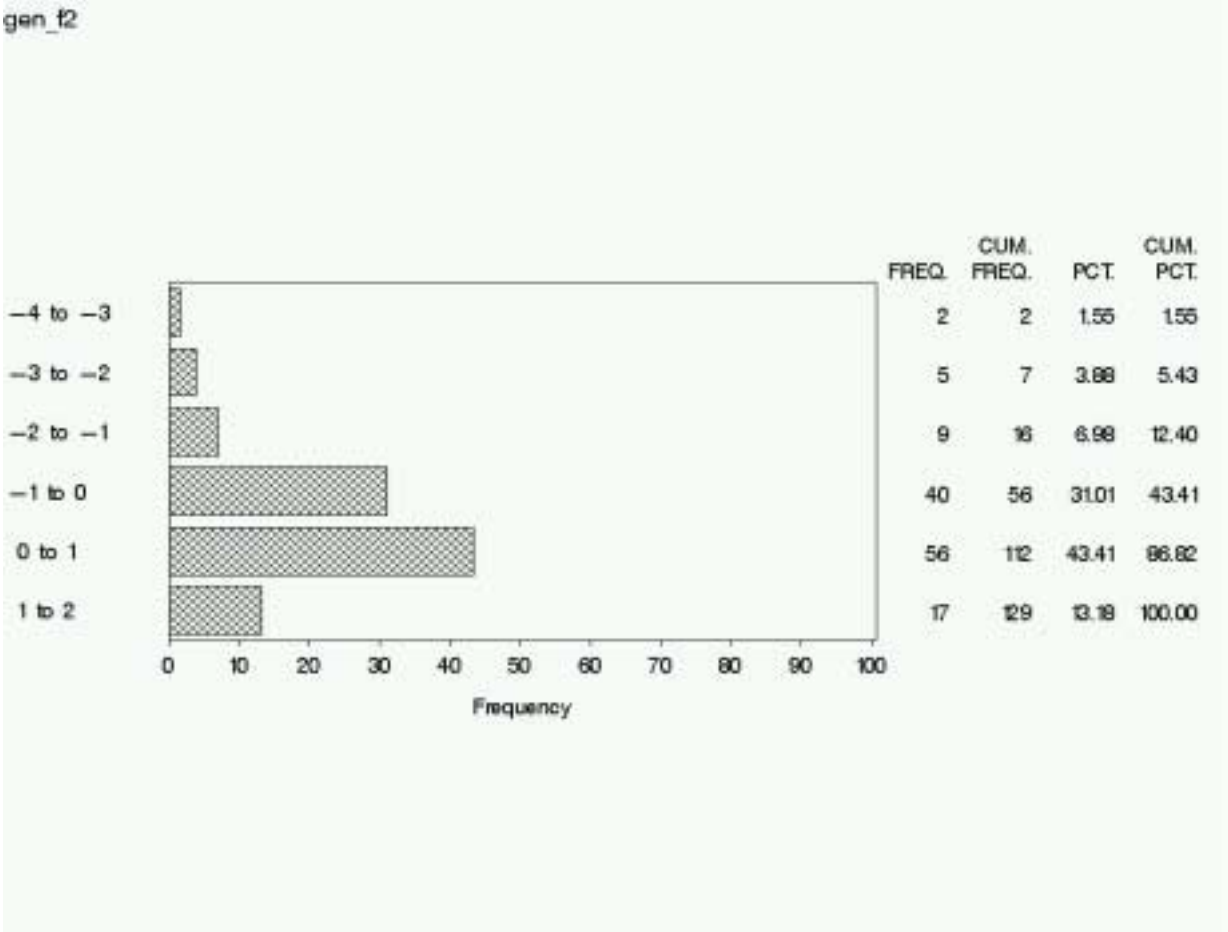
- Item 17: to strive for safety.
- Item 18: to respect people with different languages or faith.
- Item 19: to help other people.
- Item 21: to have power and influence.
- Item 22: to have a strong government in your country.
- Item 25: that the standard of living in your country is of advantage to other countries.

Explanatory power in terms of variance: 35.93%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



NAME: GEN_F2KA

LABEL: Factor 2 KA: general attitude

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all general attitudes items

Relevant items with loads greater than 0.6:

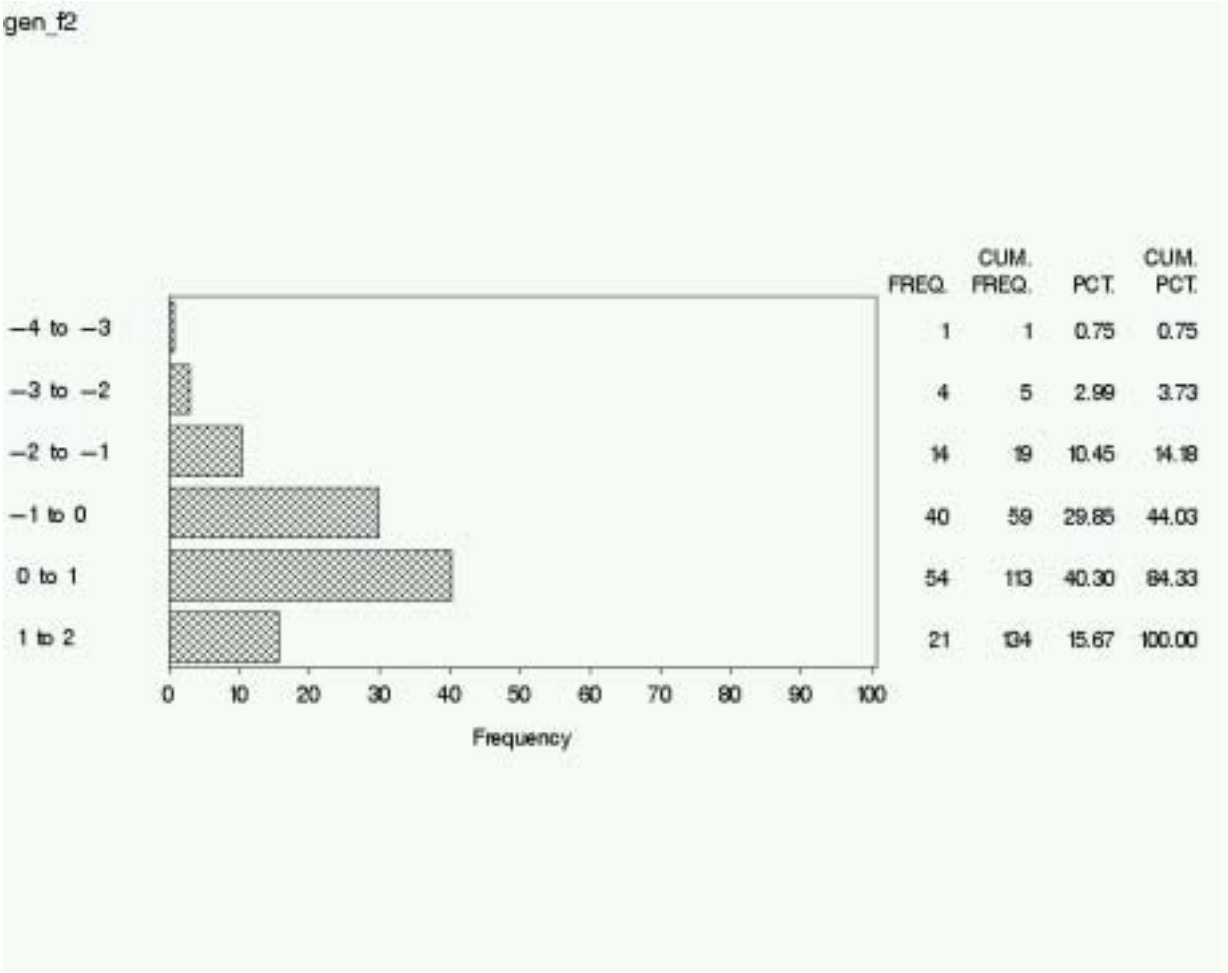
- Item 2: to be useful for other people
- Item 3: to be diligent and ambitious.
- Item 8: to stand the competition (in the job).
- Item 10: to get / be politically involved.
- Item 13: to live in a country which is powerful and influential.

Explanatory power in terms of variance: 37.92%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



NAME: HH_NR

LABEL: Household number

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: MO_F1HA

LABEL: Factor 1 HA: attitude towards mobility

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitudes items towards mobility

Relevant items with loads greater than 0.6:

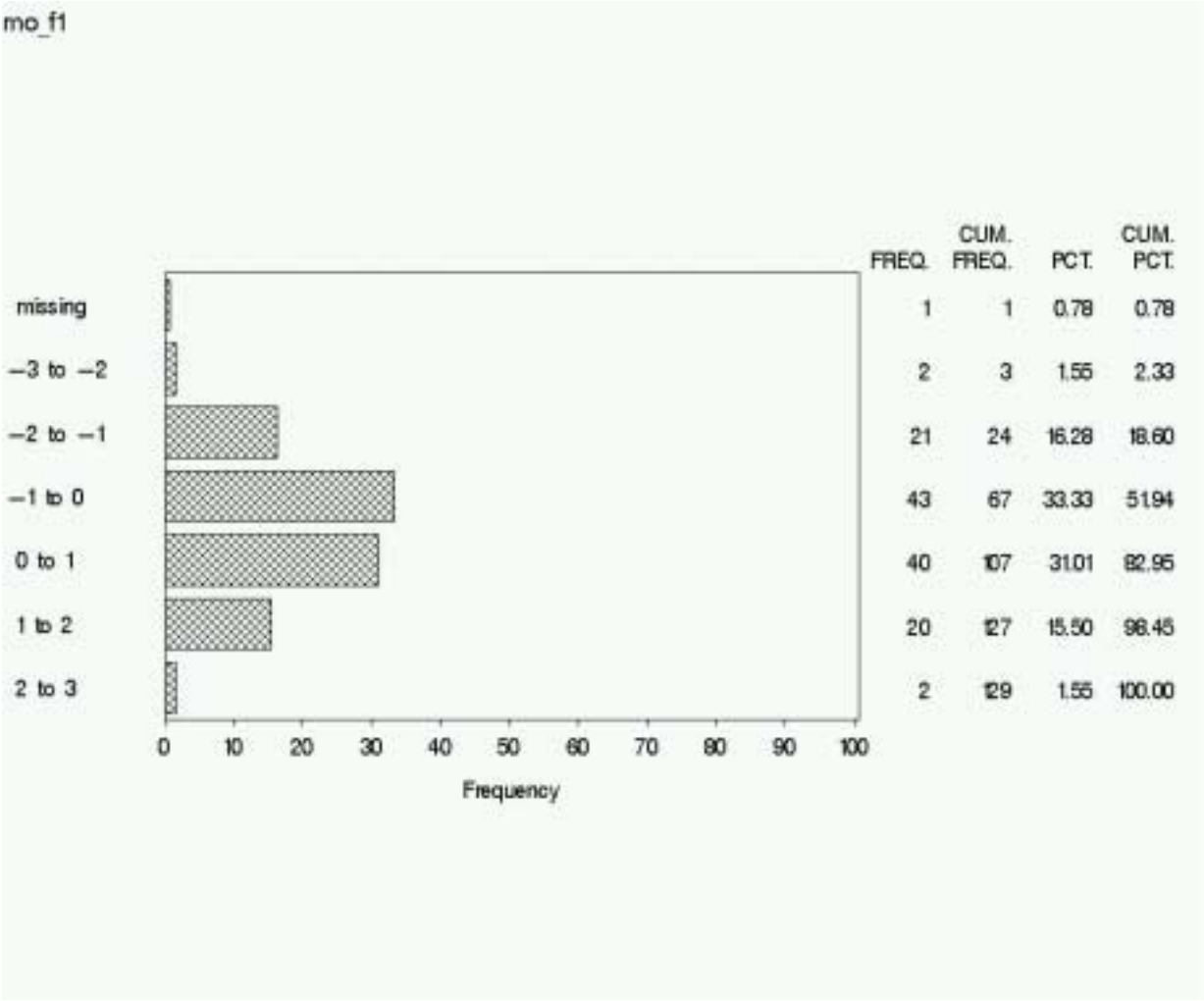
- Item 8: People in the midst of life simply need a car.
- Item 22: Without an own car, you are always dependent others.
- Item 29: I couldn't organise my daily life without a car.

Explanatory power in terms of variance: 31.60%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	1	1	0.78	0.78
−3 to −2	2	3	1.55	2.33
−2 to −1	21	24	16.28	18.60
−1 to 0	43	67	33.33	51.94
0 to 1	40	107	31.01	82.95
1 to 2	20	127	15.50	98.45
2 to 3	2	129	1.55	100.00

NAME: MO_F1KA

LABEL: Factor 1 KA: attitude towards mobility

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitudes items towards mobility

Relevant items with loads greater than 0.6:

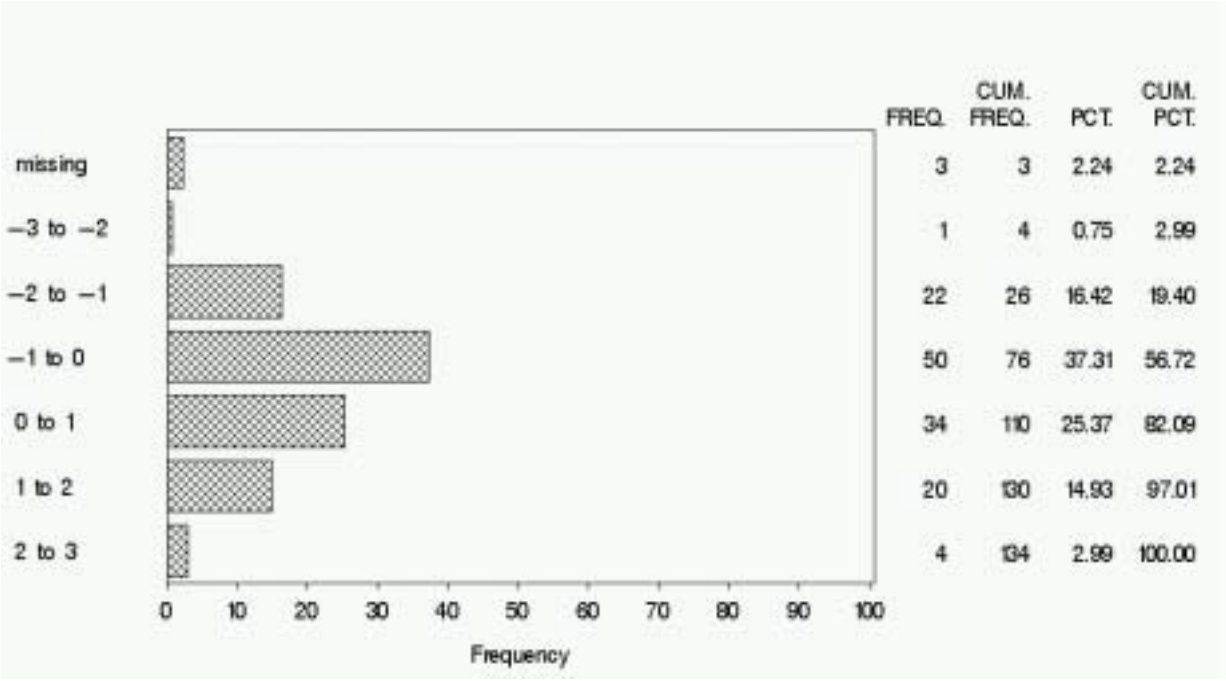
- Item 7: Driving the car causes a bad conscience to me.
- Item 9: As a first step to reduce emissions the whole car traffic should be slowed down.
- Item 15: It's reasonable to increase the price of fuel in order to optimise public transport services.
- Item 28: Going by car is committing a crime to the environment.

Explanatory power in terms of variance: 31.21%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	3	3	2.24	2.24
−3 to −2	1	4	0.75	2.99
−2 to −1	22	26	16.42	19.40
−1 to 0	50	76	37.31	56.72
0 to 1	34	110	25.37	82.09
1 to 2	20	130	14.93	97.01
2 to 3	4	134	2.99	100.00

NAME: MO_F2HA

LABEL: Factor 2 HA: attitude towards mobility

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitudes items towards mobility

Relevant items with loads greater than 0.6:

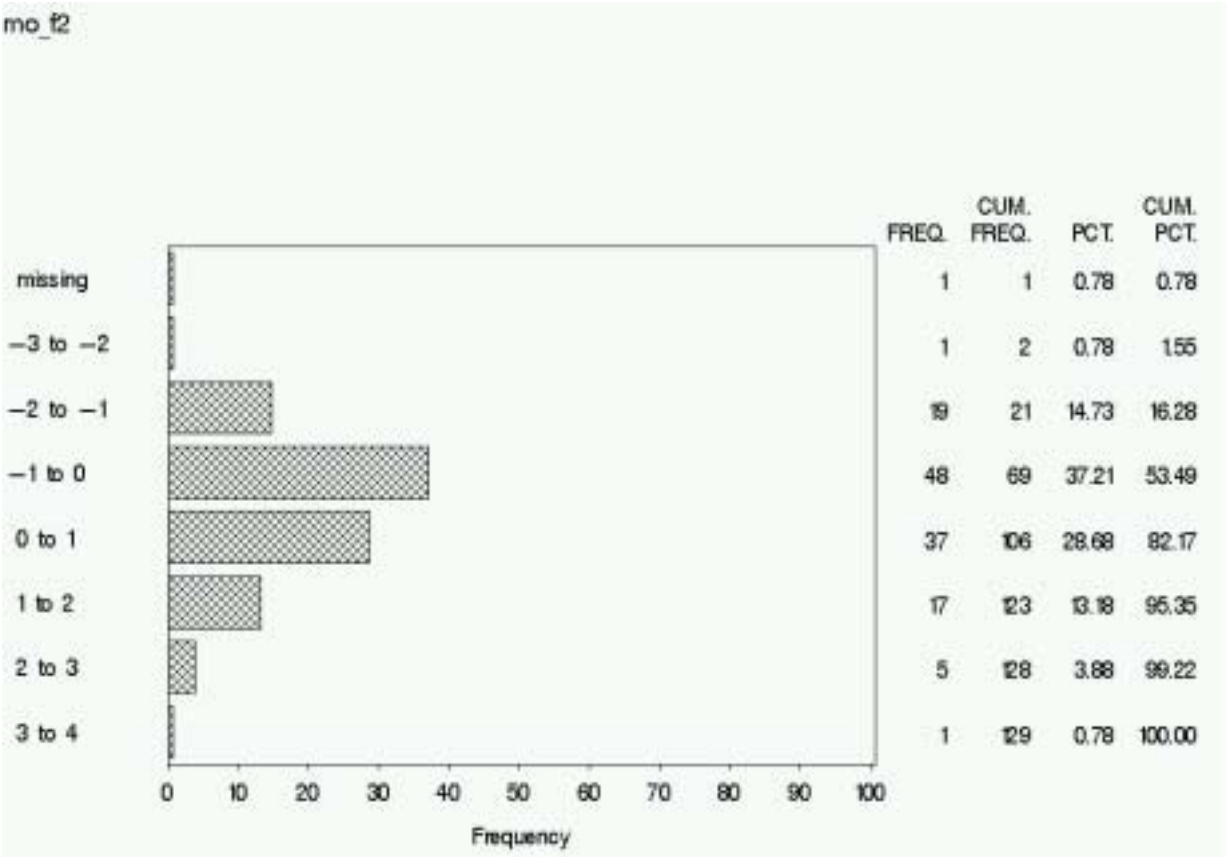
- Item 2: It is time that a speed limit for German motorways is introduced.
- Item 5: Nowadays, most cars are too big, too fast and too heavy.
- Item 9: As a first step to reduce emissions the whole car traffic should be slowed down.
- Item 15: It's reasonable to increase the price of fuel in order to optimise public transport services.
- Item 28: Going by car is committing a crime to the environment.

Explanatory power in terms of variance: 31.60%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	1	1	0.78	0.78
−3 to −2	1	2	0.78	1.55
−2 to −1	19	21	14.73	16.28
−1 to 0	48	69	37.21	53.49
0 to 1	37	106	28.68	82.17
1 to 2	17	123	13.18	95.35
2 to 3	5	128	3.88	99.22
3 to 4	1	129	0.78	100.00

NAME: MO_F2KA

LABEL: Factor 2 KA: attitude towards mobility

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitudes items towards mobility

Relevant items with loads greater than 0.6:

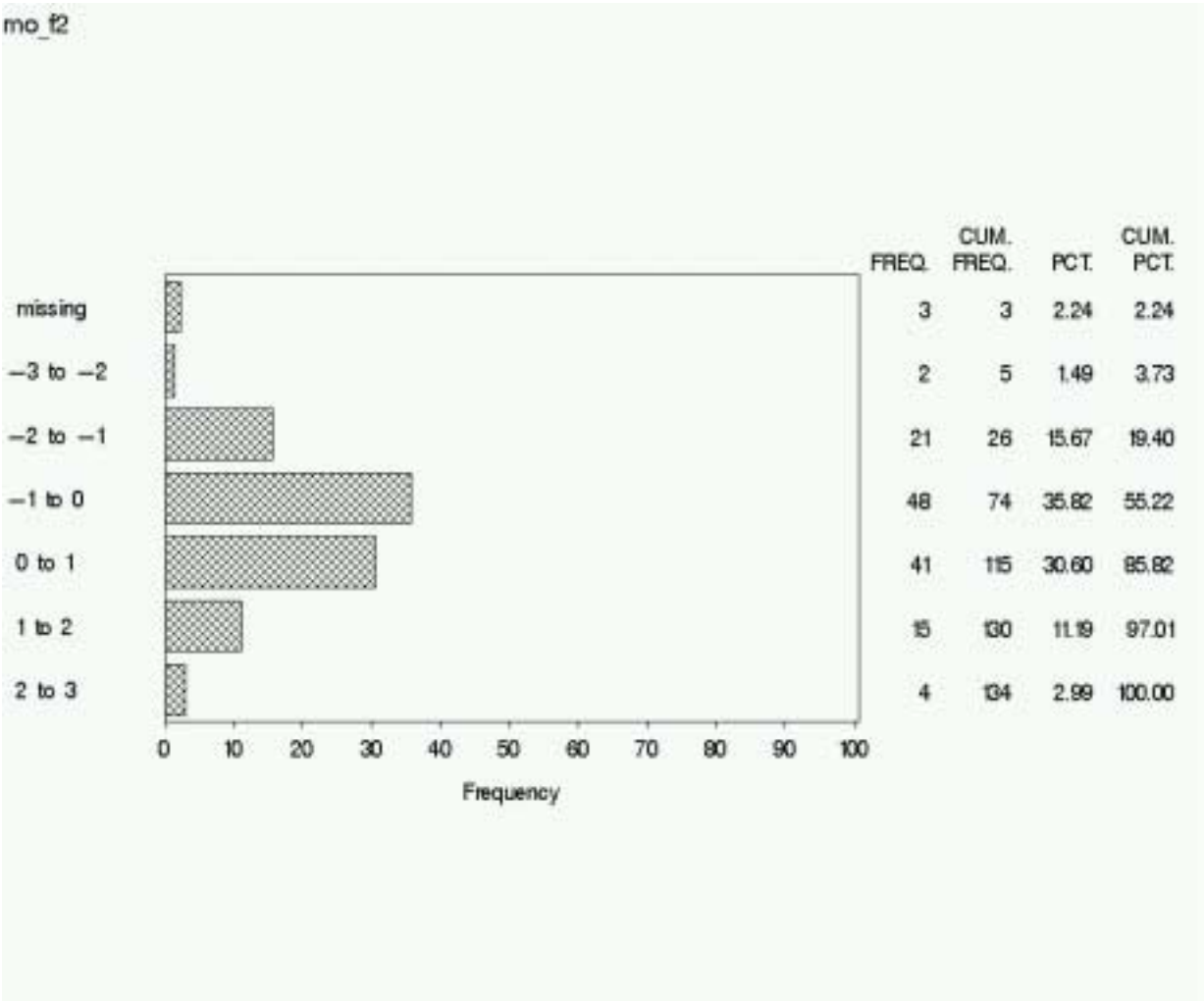
- Item 21: The car allows me to forget about the everyday's jog trot.
- Item 31: I like souped up cars.

Explanatory power in terms of variance: 31.21%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	3	3	2.24	2.24
−3 to −2	2	5	1.49	3.73
−2 to −1	21	26	15.67	19.40
−1 to 0	48	74	35.82	55.22
0 to 1	41	115	30.60	85.82
1 to 2	15	130	11.19	97.01
2 to 3	4	134	2.99	100.00

NAME: PE_F1HA

LABEL: Factor 1 HA: attitude towards pedestrian

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitudes items towards pedestrians

Relevant items with loads greater than 0.6:

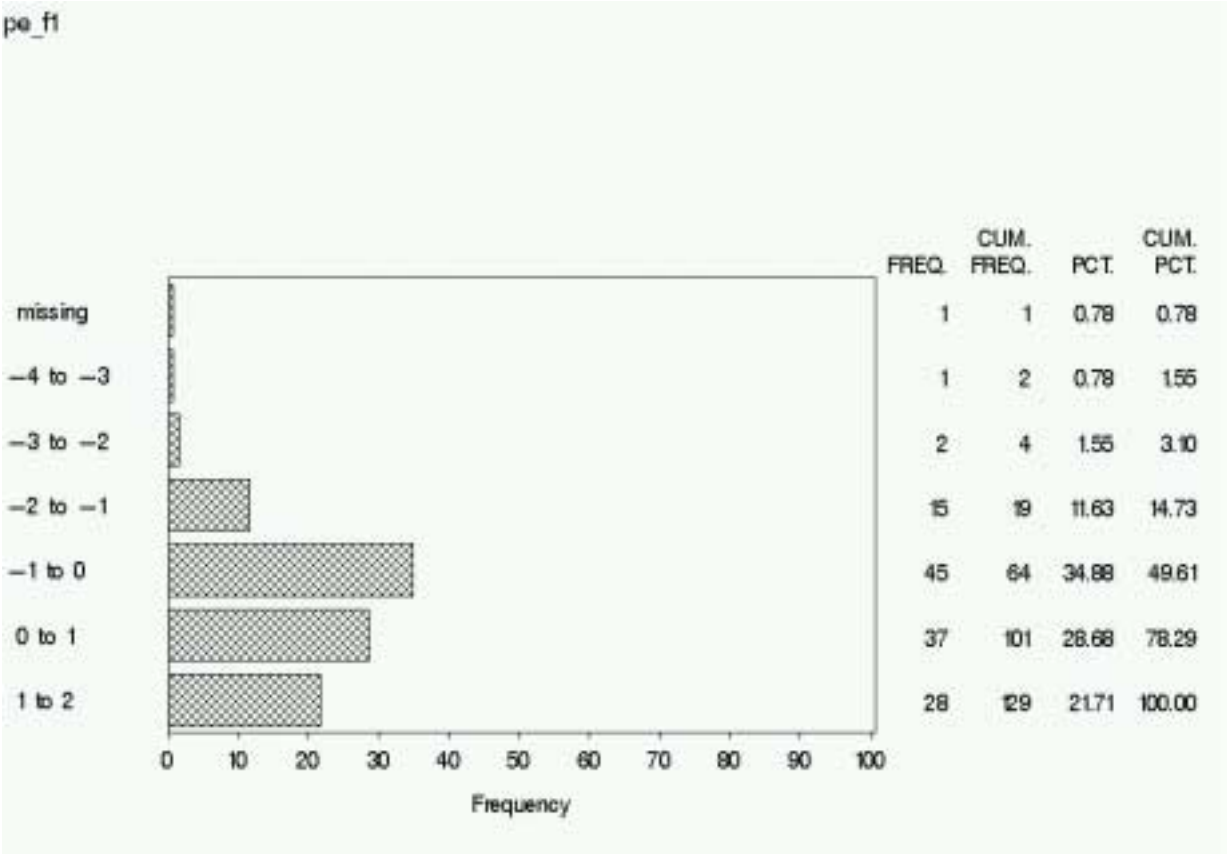
- Item 1: I try to walk as often as possible because walking is healthy.
- Item 2: I even walk longer distances.
- Item 6: I like to explore / experience the city on foot.
- Item 11: Walking is too boring.

Explanatory power in terms of variance: 44.39%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	1	1	0.78	0.78
−4 to −3	1	2	0.78	1.55
−3 to −2	2	4	1.55	3.10
−2 to −1	15	19	11.63	14.73
−1 to 0	45	64	34.88	49.61
0 to 1	37	101	28.68	78.29
1 to 2	28	129	21.71	100.00

NAME: PE_F1KA

LABEL: Factor 1 KA: attitude towards pedestrian

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitudes items towards pedestrians

Relevant items with loads greater than 0.6:

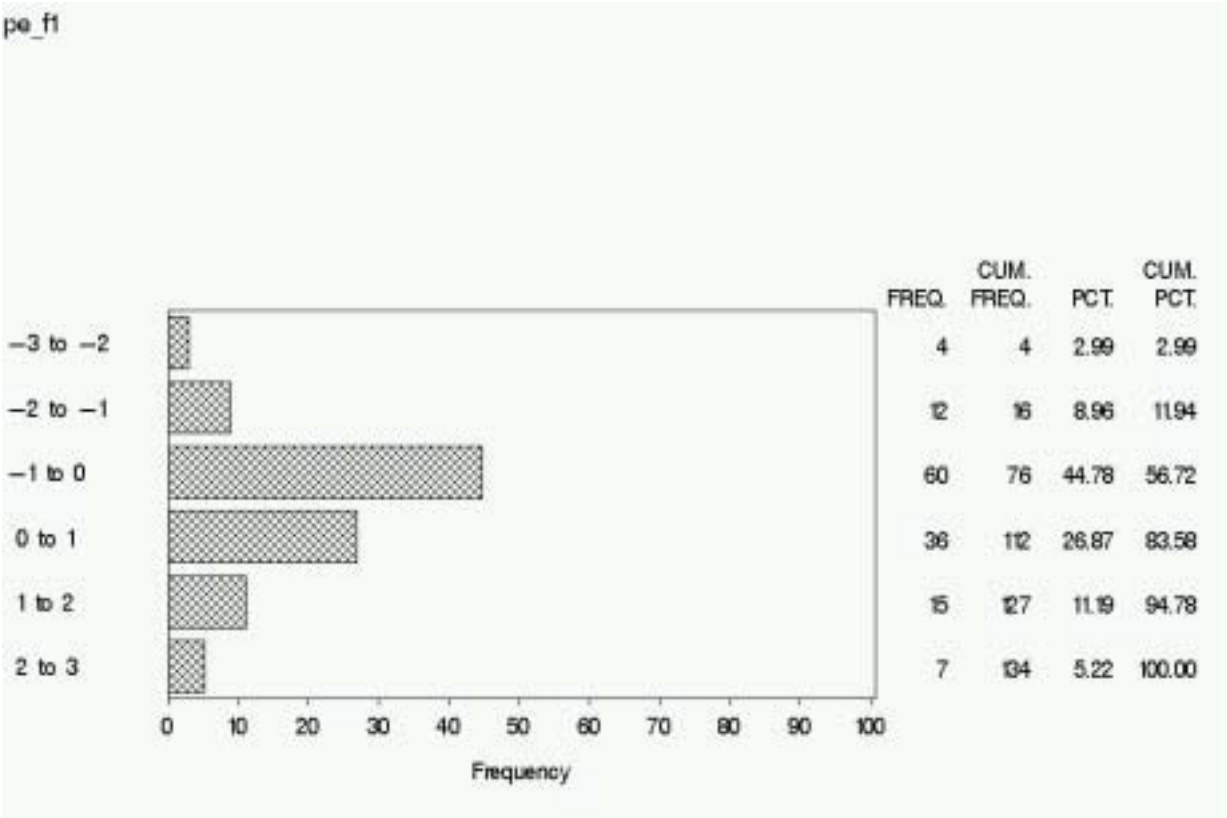
- Item 3: There are plenty of spots in the city at which pedestrians are in danger of life.
- Item 7: Children are much to less considered by the city's transport planning.
- Item 10 As a pedestrian, you are always disadvantaged in Karlsruhe.
- Item 12: I think that there is done too less for pedestrians in our town.
- Item 13: The stink and the roar caused by car traffic make life a perfect hell for pedestrians.

Explanatory power in terms of variance: 44.82%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



NAME: PE_F2HA

LABEL: Factor 2 HA: attitude towards pedestrian

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitudes items towards pedestrians

Relevant items with loads greater than 0.6:

- Item 3: There are plenty of spots in the city at which pedestrians are in danger of life.
- Item 10: As a pedestrian, you are always disadvantaged in Karlsruhe.
- Item 12: I think that there is done too less for pedestrians in our town.

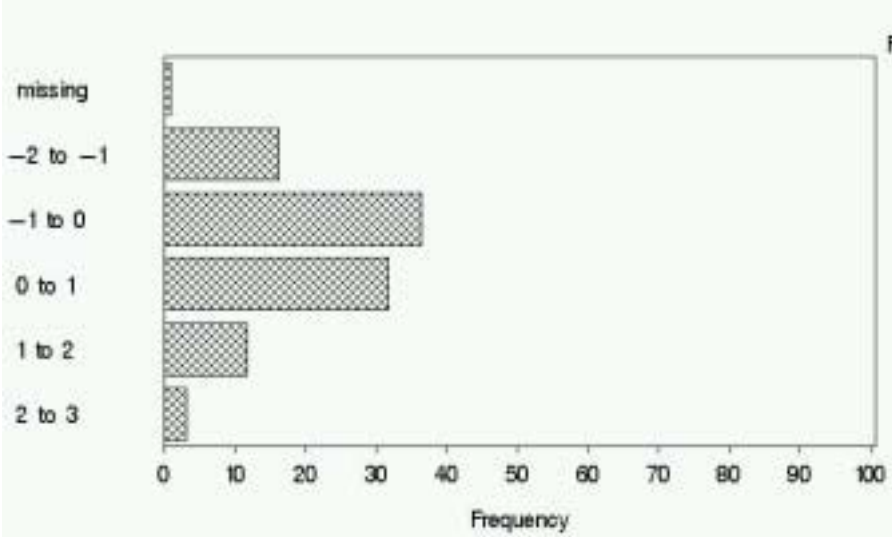
Explanatory power in terms of variance: 44.39%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:

pe_f2



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	1	1	0.78	0.78
−2 to −1	21	22	16.28	17.05
−1 to 0	47	69	36.43	53.49
0 to 1	41	110	31.78	85.27
1 to 2	15	125	11.63	96.90
2 to 3	4	129	3.10	100.00

NAME: PE_F2KA

LABEL: Factor 2 KA: attitude towards pedestrian

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitudes items towards pedestrians

Relevant items with loads greater than 0.6:

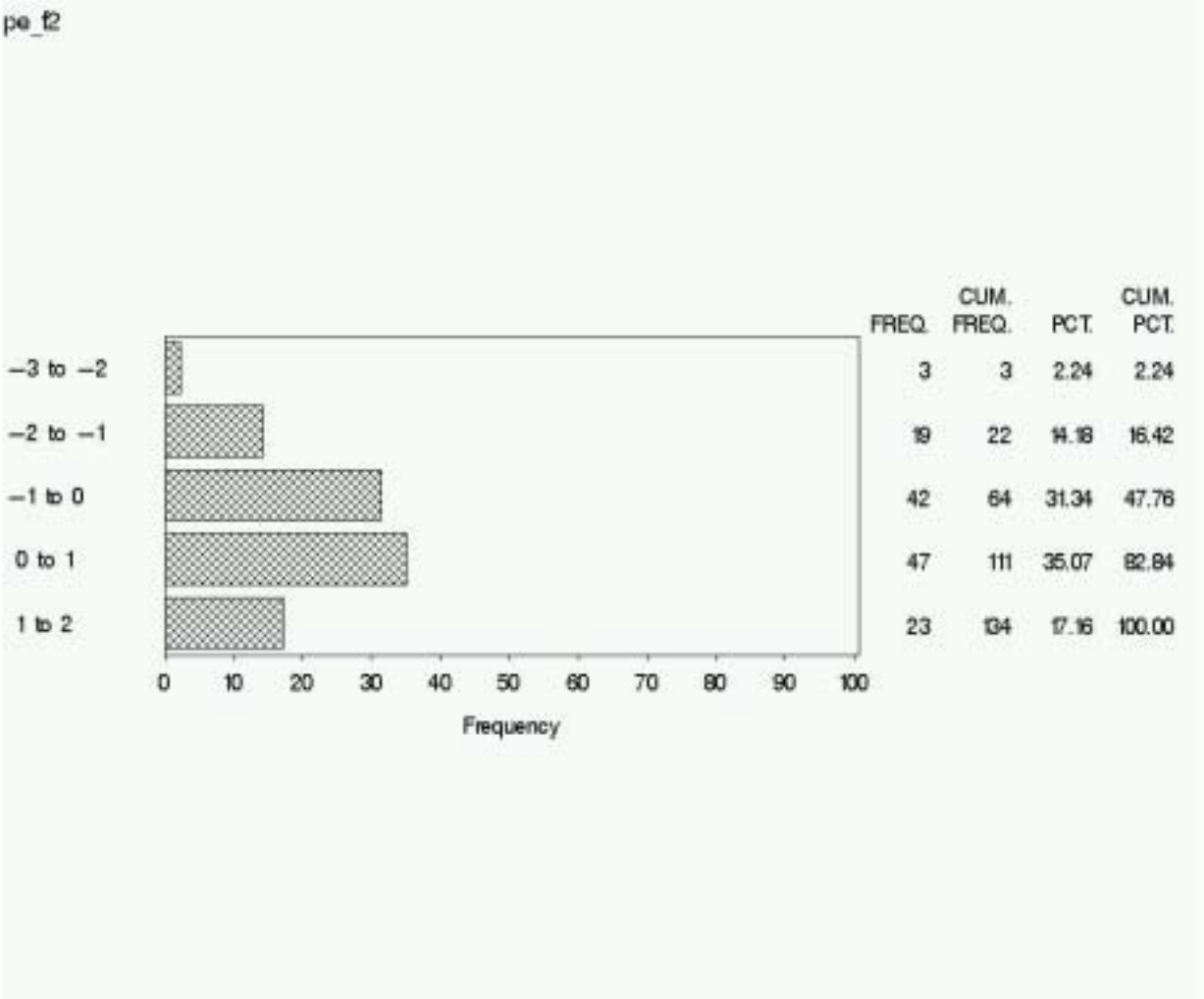
- Item 1: I try to walk as often as possible because walking is healthy.
- Item 2: I even walk longer distances.

Explanatory power in terms of variance: 44.82%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



NAME: PU_F1HA

LABEL: Factor1 HA: attitude towards public transport

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitudes items towards public transport

Relevant items with loads greater than 0.6:

- Item 1: I can relax perfectly when going by tram.
- Item 3: It's right that public transport is prioritised in city's transport.
- Item 5: The tram is simply superior to the car in the city.
- Item 9: The Karlsruhe public transport system is excellent.
- Item 12: I think the tram is getting more and more important in the future.
- Item 14: The beauty about taking the tram is that you see a lot during the trip.

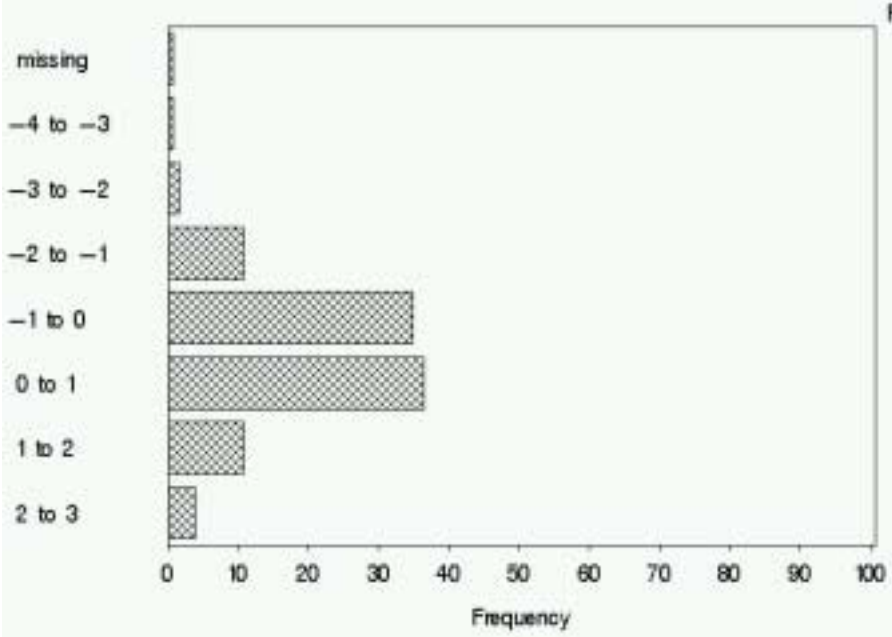
Explanatory power in terms of variance: 40.06%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:

pu_f1



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	1	1	0.78	0.78
−4 to −3	1	2	0.78	1.55
−3 to −2	2	4	1.55	3.10
−2 to −1	14	18	10.85	13.95
−1 to 0	45	63	34.88	48.84
0 to 1	47	110	36.43	85.27
1 to 2	14	124	10.85	96.12
2 to 3	5	129	3.88	100.00

NAME: PU_F1KA

LABEL: Factor1 KA: attitude towards public transport

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitudes items towards public transport

Relevant items with loads greater than 0.6:

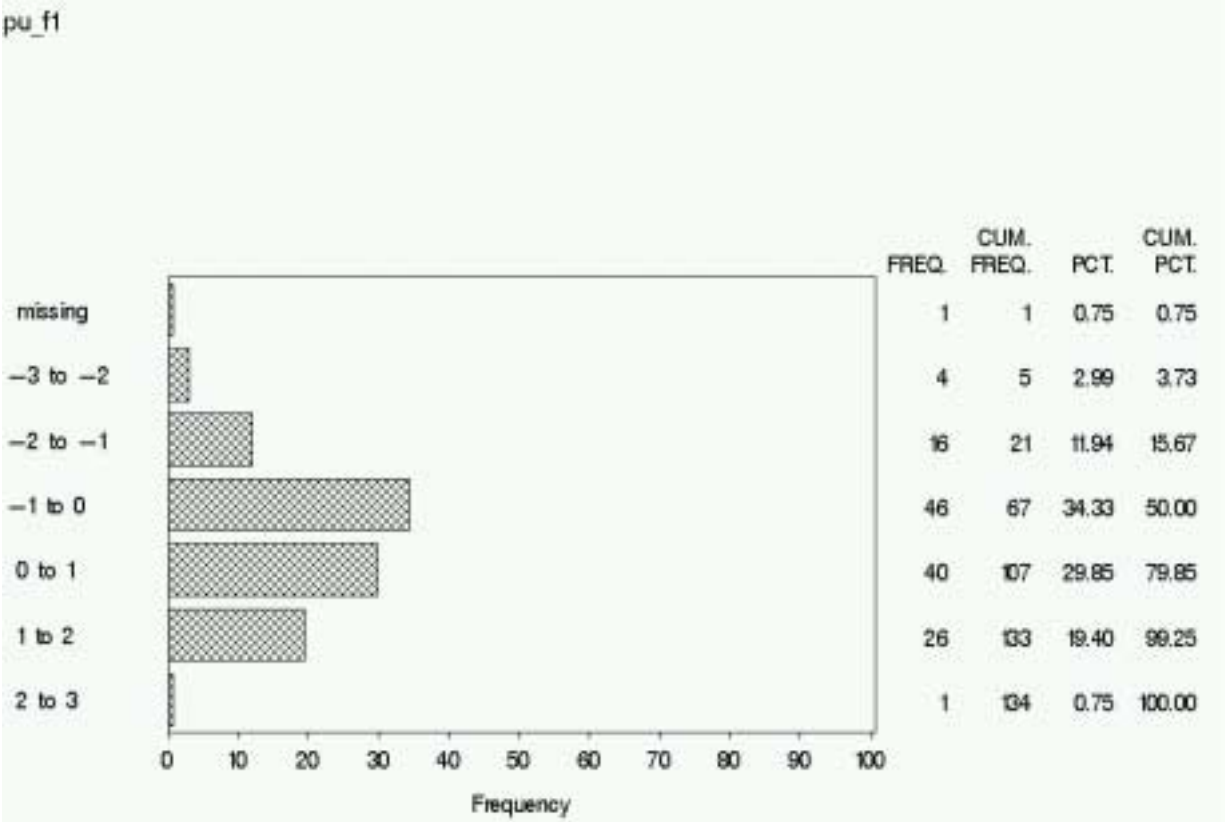
- Item 1: I can relax perfectly when going by tram.
- Item 12: I thing the tram is getting more and more important in the future.

Explanatory power in terms of variance: 37.59%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	1	1	0.75	0.75
−3 to −2	4	5	2.99	3.73
−2 to −1	16	21	11.94	15.67
−1 to 0	46	67	34.33	50.00
0 to 1	40	107	29.85	79.85
1 to 2	26	133	19.40	99.25
2 to 3	1	134	0.75	100.00

NAME: PU_F2HA

LABEL: Factor 2 HA: attitude towards public transport

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitudes items towards public transport

Relevant items with loads greater than 0.6:

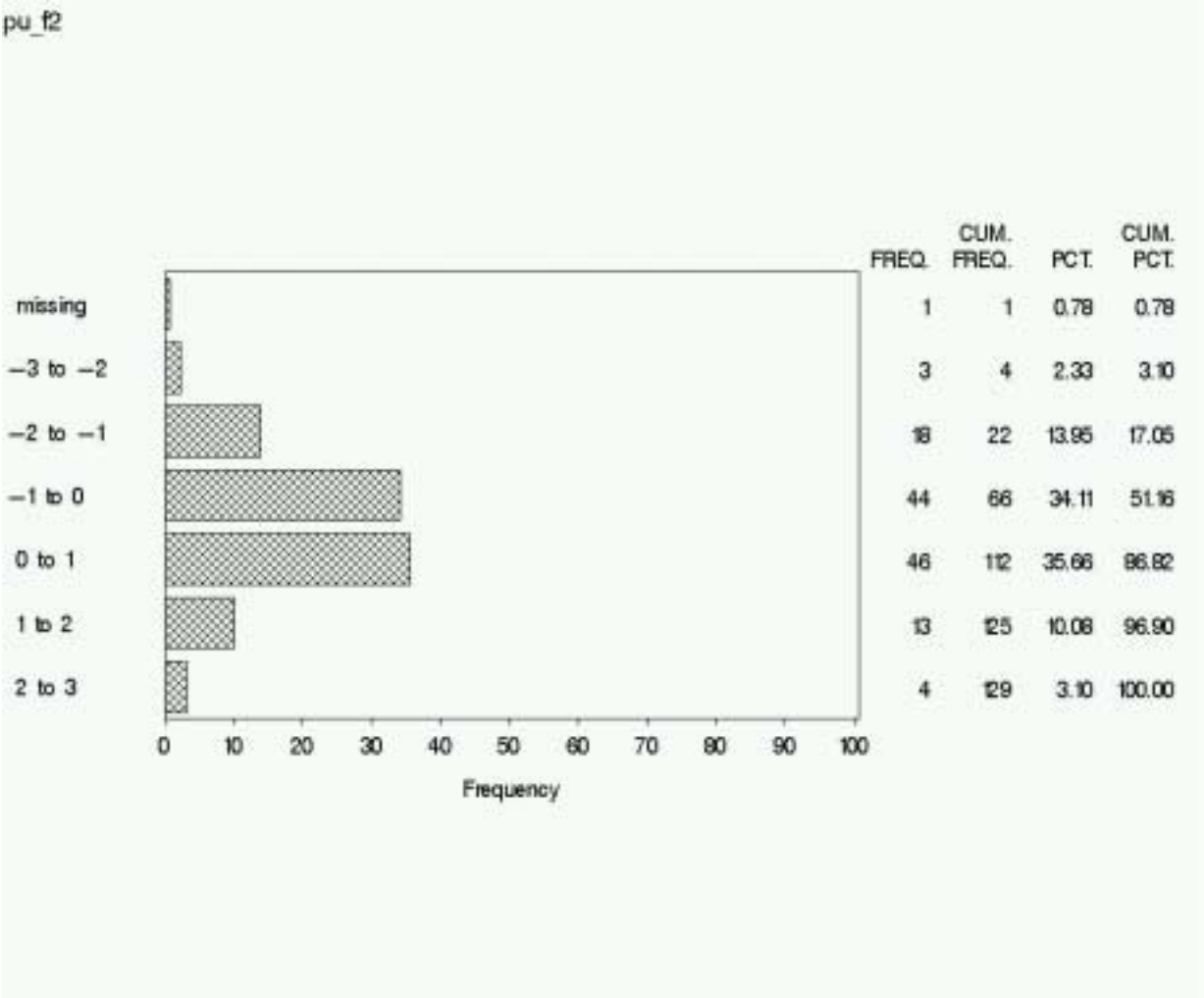
- Item 2: People only take the tram because they can't afford an own car.
- Item 6: It's a torture that you are very often confronted with unpleasant people in trams.

Explanatory power in terms of variance: 40.06%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	1	1	0.78	0.78
−3 to −2	3	4	2.33	3.10
−2 to −1	18	22	13.95	17.05
−1 to 0	44	66	34.11	51.16
0 to 1	46	112	35.66	86.82
1 to 2	13	125	10.08	96.90
2 to 3	4	129	3.10	100.00

NAME: PU_F2KA

LABEL: Factor 2 KA: attitude towards public transport

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Factor scores, based on an 2 factor analysis on all attitudes items towards public transport

Relevant items with loads greater than 0.6:

- Item 2: People only take the tram because they can't afford an own car.
- Item 10: The often change-of-trains within the public transport system
- Item 17: It frightens me to go by public transport because timetables are complicated.

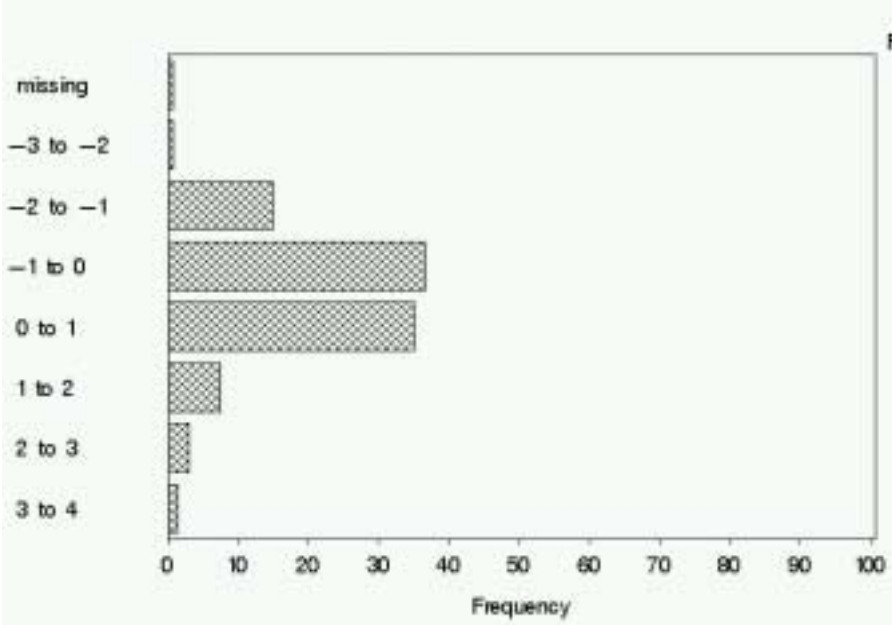
Explanatory power in terms of variance: xy.za%

RELEVANT FORMAT STATEMENTS:

VALUE

FREQUENCIES:

pu_f2



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
missing	1	1	0.75	0.75
−3 to −2	1	2	0.75	1.49
−2 to −1	20	22	14.93	16.42
−1 to 0	49	71	36.57	52.99
0 to 1	47	118	35.07	88.06
1 to 2	10	128	7.46	95.52
2 to 3	4	132	2.99	98.51
3 to 4	2	134	1.49	100.00

NAME: P_NR

LABEL: Person number

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: STUDYCOD

LABEL: Study code

TYPE: Numeric / Discrete

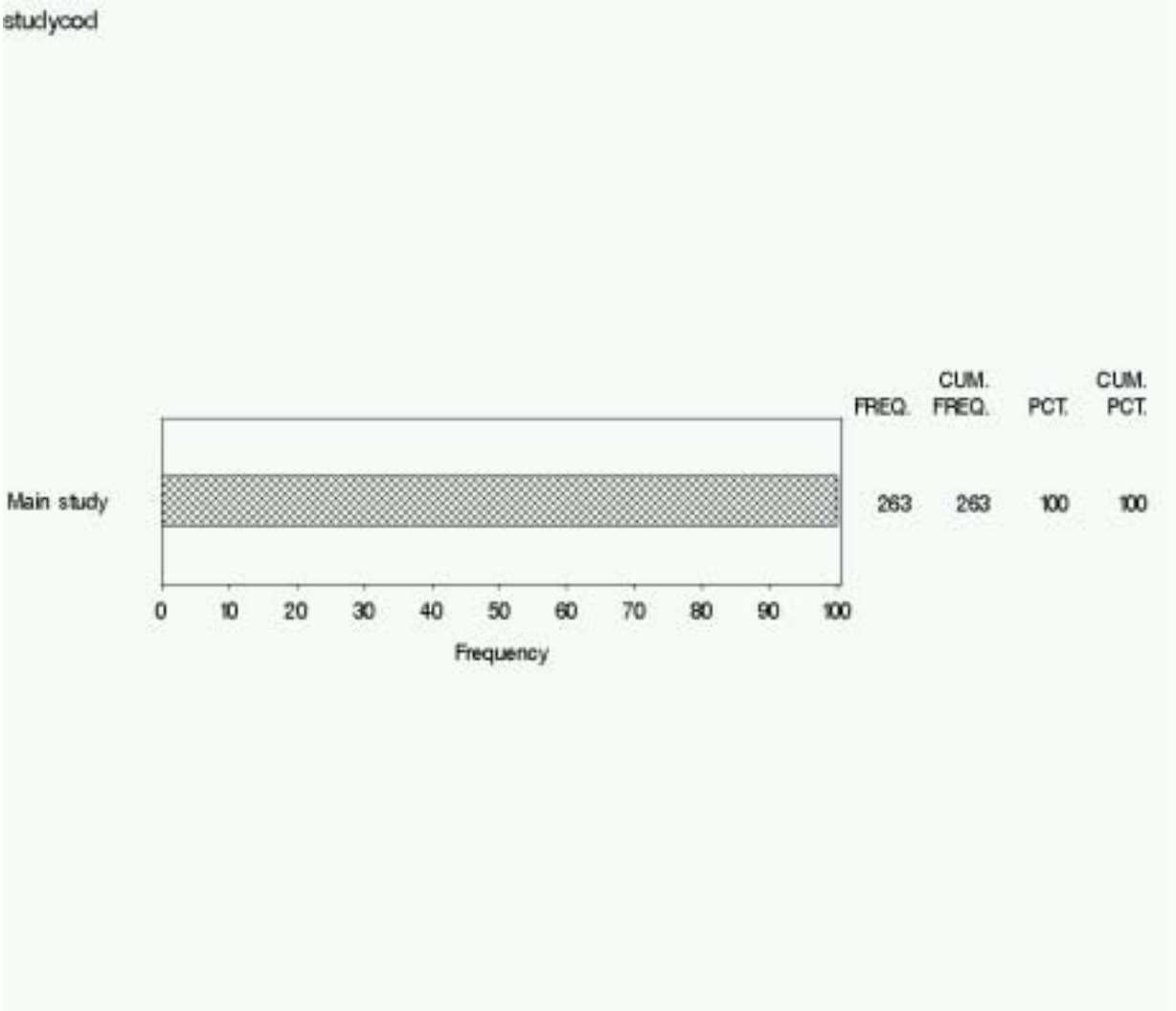
DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

STUDYCOD

FREQUENCIES:



1.7.3 *Character variables*

(no frequencies given)

CITY	City of survey	Karlsruhe and Halle
STUDY	Study name	

1.8 Weather (file WEATHER)

The complimentary weather data for the survey period is based on two data sources.

DWD1: German Meteorological Service (Deutscher Wetterdienst, DWD) measurement data of the survey day for the measurement stations Karlsruhe and Halle (automatic measurement)

DWD2: German Meteorological Service (DWD) forecast data of the second day before the survey day (Wetterkarte, Amtsblatt des Deutschen Wetterdienstes). As this weather forecast data has only (rough) regional character, it was only possible to categorise the data in all Germany, North East Germany for the city of Halle (NE) and South Germany for the city of Karlsruhe (S). In many cases, no forecast data at all was available.

1.8.1 *SAS Contents Procedure*

```
Data Set Name: LAST.WEATHER Observations:         177
               Member Type:   DATA         Variables:            33
               Engine:        V6           Indexes:              0
               Created:       9:41 Thursday, March 7, 2002          Observation Length:   274
               Last Modified: 9:41 Thursday, March 7, 2002          Deleted Observations: 0
               Protection:                 Compressed:           NO
               Data Set Type:              Sorted:               NO
               Label:


-----Alphabetic List of Variables and Attributes-----

         #    Variable    Type    Len    Pos    Format      Informat    Label

ffffff
```

cont.

32	FWIN_S	Num	8	258	Winds forec S
7	MAXTEMP	Num	8	48	Maximum daily temperature
6	MEANTEMP	Num	8	40	Mean temperature 6 to 22 hrs
14	NUMBER	Num	8	111	11. 11. Number of issue
4	PRECI618	Num	8	24	Precipation 6 to 18 hrs
3	PRECIP24	Num	8	16	Total daily precipation
11	STUDY	Char	14	81	Study name
10	STUDYCOD	Num	8	73	Study code
12	W_O_Y	Num	8	95	Week of year

1.8.2 *Numerical variables in alphabetical order*

NAME: CITYCODE

LABEL: Citycode

TYPE: Numeric / Discrete

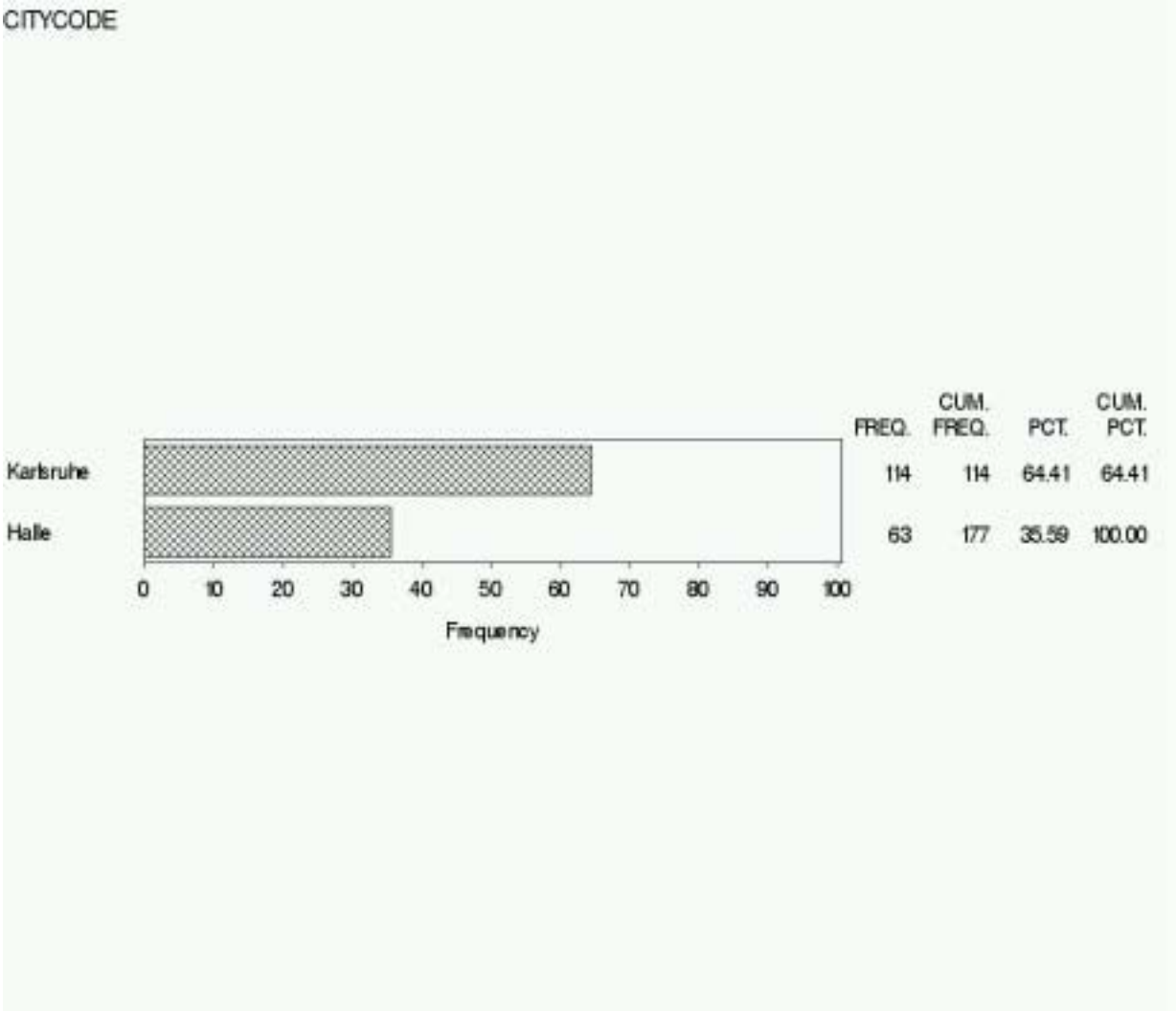
DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

CITYCODE

FREQUENCIES:



NAME: CLOUDS

LABEL: Average clouds 6 to 22 hrs

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

In 1/8 units of (total) cloudage cover / clouds

RELEVANT FORMAT STATEMENTS:

CLOUDS_A

FREQUENCIES:

Average clouds 6 to 22 hrs

CLOUDS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Less then 1/8	4	3.57	4	3.57
1/8 - 2/8	4	3.57	8	7.14
2/8 - 3/8	6	5.36	14	12.50
3/8 - 4/8	10	8.93	24	21.43
4/8 - 5/8	11	9.82	35	31.25
5/8 - 6/8	13	11.61	48	42.86
6/8 - 7/8	38	33.93	86	76.79
7/8 - 8/8	26	23.21	112	100.00

Frequency Missing = 65

NAME: DATE

LABEL: Date of issue

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Date of issue of the DWD forecast leaflet / weather map (mostly two days before the day of survey).

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: D_O_S

LABEL: Day of survey

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: D_O_Y

LABEL: Day of year

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

NAME: FDCL

LABEL: Daily clouds forec

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

In 1/8 units of (total) cloudage cover / clouds

RELEVANT FORMAT STATEMENTS:

CLOUDS_A

FREQUENCIES:

Daily clouds forec

FDCL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Less then 1/8	57	44.88	57	44.88
1/8 - 2/8	14	11.02	71	55.91
3/8 - 4/8	38	29.92	109	85.83
5/8 - 6/8	10	7.87	119	93.70
7/8 - 8/8	8	6.30	127	100.00

Frequency Missing = 50

NAME: FDCL_NE

LABEL: Daily clouds forec NE

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

In 1/8 units of (total) cloudage cover / clouds; “NE” refers to city of Halle

RELEVANT FORMAT STATEMENTS:

CLOUDS_A

FREQUENCIES:

Daily clouds forec NE

FDCL_NE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Less then 1/8	40	41.24	40	41.24
1/8 - 2/8	8	8.25	48	49.48
2/8 - 3/8	1	1.03	49	50.52
3/8 - 4/8	38	39.18	87	89.69
5/8 - 6/8	7	7.22	94	96.91
6/8 - 7/8	1	1.03	95	97.94
7/8 - 8/8	2	2.06	97	100.00

Frequency Missing = 80

NAME: FDCL_S

LABEL: Daily clouds forec S

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

In 1/8 units of (total) cloudage cover / clouds; “S” refers to city of Karlsruhe

RELEVANT FORMAT STATEMENTS:

CLOUDS_A

FREQUENCIES:

Daily clouds forec S

FDCL_S	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Less then 1/8	46	46.46	46	46.46
1/8 - 2/8	19	19.19	65	65.66
3/8 - 4/8	23	23.23	88	88.89
5/8 - 6/8	10	10.10	98	98.99
7/8 - 8/8	1	1.01	99	100.00

Frequency Missing = 78

NAME: FDMXT

LABEL: Maximum daily temp forec

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

In degrees Celsius

RELEVANT FORMAT STATEMENTS:

TEMP_A

FREQUENCIES:

Maximum daily temp forec

FDMXT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0-5° C	2	1.46	2	1.46
5-10° C	8	5.84	10	7.30
10-15° C	32	23.36	42	30.66
15-20° C	42	30.66	84	61.31
20-25° C	33	24.09	117	85.40
25-30° C	18	13.14	135	98.54
>30° C	2	1.46	137	100.00

Frequency Missing = 40

NAME: FDMXT_NE

LABEL: Maximum daily temp forec NE

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

"NE" refers to city of Halle

RELEVANT FORMAT STATEMENTS:

TEMP_A

FREQUENCIES:

Maximum daily temp forec NE

FDMXT_NE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
5-10° C	13	21.67	13	21.67
10-15° C	14	23.33	27	45.00
15-20° C	9	15.00	36	60.00
20-25° C	12	20.00	48	80.00
25-30° C	12	20.00	60	100.00

Frequency Missing = 117

NAME: FDMXT_S

LABEL: Maximum daily temp forec S

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

"S" refers to city of Karlsruhe

RELEVANT FORMAT STATEMENTS:

TEMP_A

FREQUENCIES:

Maximum daily temp forec S

FDMXT_S	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0-5° C	2	3.70	2	3.70
5-10° C	3	5.56	5	9.26
10-15° C	8	14.81	13	24.07
15-20° C	20	37.04	33	61.11
20-25° C	11	20.37	44	81.48
25-30° C	9	16.67	53	98.15
>30° C	1	1.85	54	100.00

Frequency Missing = 123

NAME: FDRAI

LABEL: Daily rain forec

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Four categories assigned (see formats)

RELEVANT FORMAT STATEMENTS:

RAINFOR

FREQUENCIES:

Daily rain forec

FDRAI	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No precipitation	25	30.49	25	30.49
Light showers	25	30.49	50	60.98
Showers	27	32.93	77	93.90
Rain	5	6.10	82	100.00

Frequency Missing = 95

NAME: FDRAI_NE

LABEL: Daily rain forec NE

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

"NE" refers to city of Halle; four categories assigned (see formats)

RELEVANT FORMAT STATEMENTS:

RAINFOR

FREQUENCIES:

Daily rain forec NE

FDRAI_NE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No precipitation	20	26.67	20	26.67
Light showers	29	38.67	49	65.33
Showers	24	32.00	73	97.33
Rain	2	2.67	75	100.00

Frequency Missing = 102

NAME: FDRAI_S

LABEL: Daily rain forec S

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

"S" refers to city of Karlsruhe; four categories assigned (see formats)

RELEVANT FORMAT STATEMENTS:

RAINFOR

FREQUENCIES:

Daily rain forec S

FDRAI_S	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No precipitation	30	36.14	30	36.14
Light showers	41	49.40	71	85.54
Showers	10	12.05	81	97.59
Rain	2	2.41	83	100.00

Frequency Missing = 94

NAME: FNMIT

LABEL: Minimum night temp forec

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

TEMP_A

FREQUENCIES:

Minimum night temp forec

FNMIT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Less than zero	1	2.22	1	2.22
0-5° C	11	24.44	12	26.67
5-10° C	20	44.44	32	71.11
10-15° C	10	22.22	42	93.33
15-20° C	3	6.67	45	100.00

Frequency Missing = 132

NAME: FNMIT_NE

LABEL: Minimum night temp forec NE

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

"NE" refers to city of Halle

RELEVANT FORMAT STATEMENTS:

TEMP_A

FREQUENCIES:

Minimum night temp forec NE

FNMIT_NE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0-5° C	6	37.50	6	37.50
5-10° C	6	37.50	12	75.00
10-15° C	4	25.00	16	100.00

Frequency Missing = 161

NAME: FNMIT_S

LABEL: Minimum night temp forec S

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

"S" refers to city of Karlsruhe

RELEVANT FORMAT STATEMENTS:

TEMP_A

FREQUENCIES:

Minimum night temp forec S

FNMIT_S	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0-5° C	6	40.00	6	40.00
5-10° C	6	40.00	12	80.00
10-15° C	3	20.00	15	100.00

Frequency Missing = 162

NAME: FNMXT

LABEL: Maximum night temp forec

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

TEMP_A

FREQUENCIES:

Maximum night temp forec

FNMXT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Less than zero	3	7.89	3	7.89
0-5° C	2	5.26	5	13.16
5-10° C	9	23.68	14	36.84
10-15° C	17	44.74	31	81.58
15-20° C	6	15.79	37	97.37
20-25° C	1	2.63	38	100.00

Frequency Missing = 139

NAME: FNMXT_NE

LABEL: Maximum night temp forec NE

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

"NE" refers to city of Halle

RELEVANT FORMAT STATEMENTS:

TEMP_A

FREQUENCIES:

Maximum night temp forec NE

FNMXT_NE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
5-10° C	9	56.25	9	56.25
10-15° C	5	31.25	14	87.50
15-20° C	2	12.50	16	100.00

Frequency Missing = 161

NAME: FNMXT_S

LABEL: Maximum night temp forec S

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

"S" refers to city of Karlsruhe

RELEVANT FORMAT STATEMENTS:

TEMP_A

FREQUENCIES:

Maximum night temp forec S

FNMXT_S	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0-5° C	4	30.77	4	30.77
5-10° C	6	46.15	10	76.92
10-15° C	3	23.08	13	100.00

Frequency Missing = 164

NAME: FWIN

LABEL: Winds forec

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

Three intensity categories (see formats)

RELEVANT FORMAT STATEMENTS:

WINDFOR

FREQUENCIES:

Winds forec

FWIN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No winds	6	3.95	6	3.95
Light winds	119	78.29	125	82.24
"Fresh" winds	27	17.76	152	100.00

Frequency Missing = 25

NAME: FWIN_NE

LABEL: Winds forec NE

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

"NE" refers to city of Halle; three intensity categories (see formats)

RELEVANT FORMAT STATEMENTS:

WINDFOR

FREQUENCIES:

Winds forec NE

FWIN_NE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Light winds	5	26.32	5	26.32
"Fresh" winds	14	73.68	19	100.00

Frequency Missing = 158

NAME: FWIN_S

LABEL: Winds forec S

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

"S" refers to city of Karlsruhe; three intensity categories (see formats)

RELEVANT FORMAT STATEMENTS:

WINDFOR

FREQUENCIES:

Winds forec S

FWIN_S	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No winds	4	21.05	4	21.05
Light winds	15	78.95	19	100.00

Frequency Missing = 158

NAME: MAXTEMP

LABEL: Maximum day temperature

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Measured

RELEVANT FORMAT STATEMENTS:

TEMP_A

FREQUENCIES:

Maximum daily temperature

MAXTEMP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0-5° C	5	2.87	5	2.87
5-10° C	17	9.77	22	12.64
10-15° C	39	22.41	61	35.06
15-20° C	40	22.99	101	58.05
20-25° C	44	25.29	145	83.33
25-30° C	24	13.79	169	97.13
>30° C	5	2.87	174	100.00

Frequency Missing = 3

NAME: MEANTEMP

LABEL: Mean temperature 6 to 22 hrs

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

Measured

RELEVANT FORMAT STATEMENTS:

TEMP_A

FREQUENCIES:

Mean temperature 6 to 22 hrs

MEANTEMP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0-5° C	7	4.02	7	4.02
5-10° C	33	18.97	40	22.99
10-15° C	48	27.59	88	50.57
15-20° C	47	27.01	135	77.59
20-25° C	34	19.54	169	97.13
25-30° C	5	2.87	174	100.00

Frequency Missing = 3

NAME: NUMBER

LABEL: Number of issue

TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

DWD forecast leaflet / weather map; index variable

RELEVANT FORMAT STATEMENTS:

Index variable

FREQUENCIES:

NAME: PRECI618

LABEL: Precipitation 6 to 18 hrs

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

In mm; measured

RELEVANT FORMAT STATEMENTS:

PRECI_A

FREQUENCIES:

Precipation 6 to 18 hrs

PRECI618	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None	118	67.82	118	67.82
0-10 mm	28	16.09	146	83.91
10-20 mm	6	3.45	152	87.36
20-30 mm	6	3.45	158	90.80
30-40 mm	3	1.72	161	92.53
40-50 mm	3	1.72	164	94.25
> 50 mm	10	5.75	174	100.00

Frequency Missing = 3

NAME: PRECIP24

LABEL: Total day precipitation

TYPE: Numeric / Continuous

DESCRIPTION / COMMENT:

In mm; measured

RELEVANT FORMAT STATEMENTS:

PRECI_A

FREQUENCIES:

Total daily precipation

PRECIP24	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None	91	52.30	91	52.30
0-10 mm	28	16.09	119	68.39
10-20 mm	12	6.90	131	75.29
20-30 mm	7	4.02	138	79.31
30-40 mm	6	3.45	144	82.76
40-50 mm	1	0.57	145	83.33
> 50 mm	29	16.67	174	100.00

Frequency Missing = 3

NAME: STUDYCOD

LABEL: Study code

TYPE: Numeric / Discrete

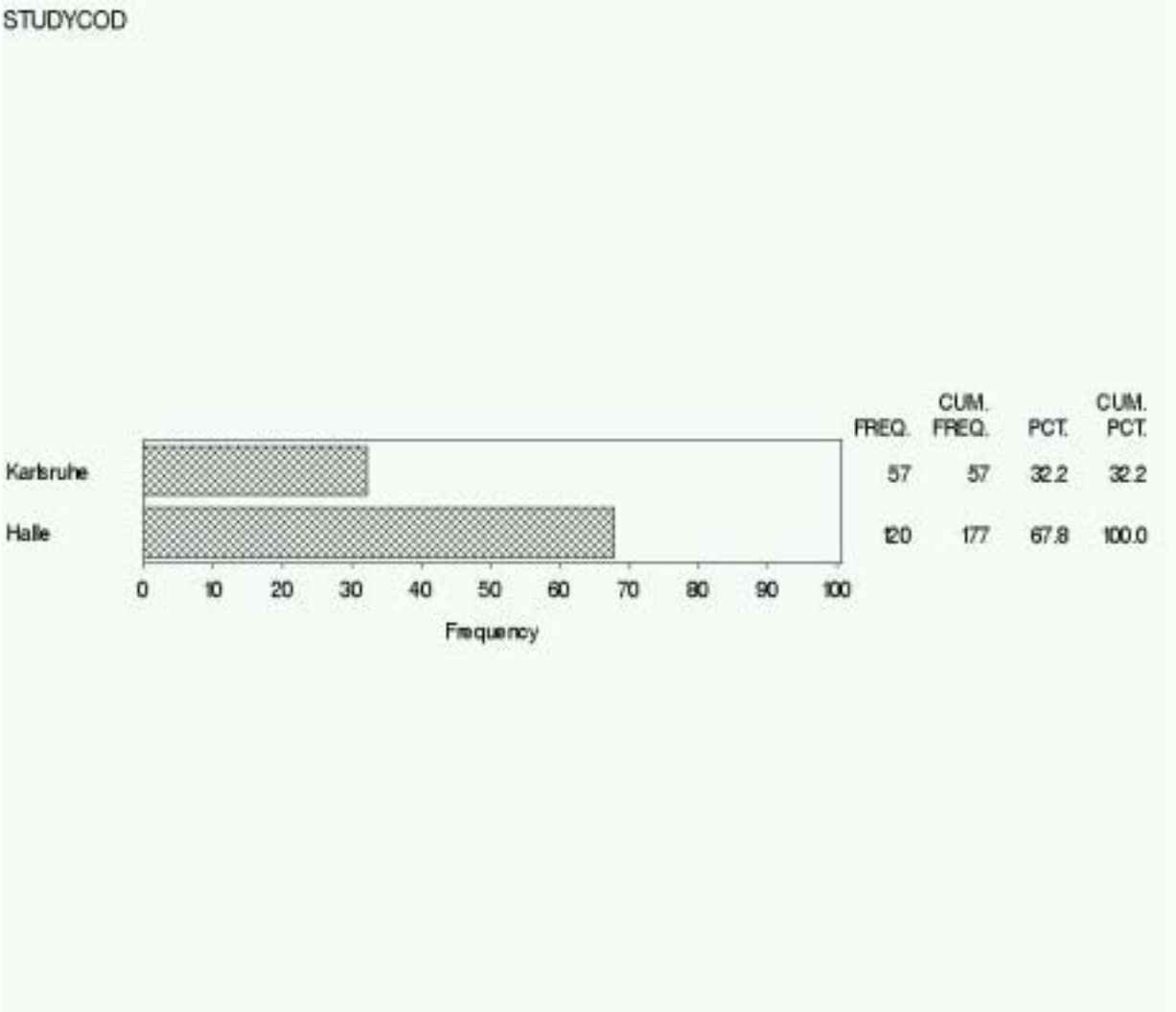
DESCRIPTION / COMMENT:

Index variable

RELEVANT FORMAT STATEMENTS:

STUDYCOD

FREQUENCIES:



NAME: W_O_Y

LABEL: Week of year

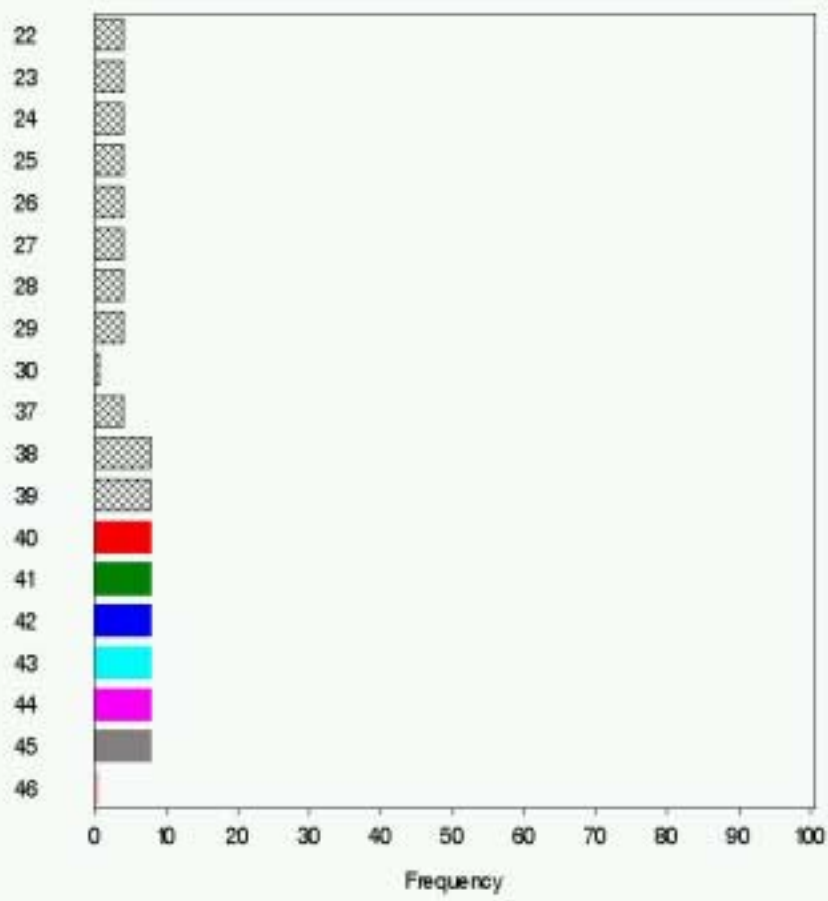
TYPE: Numeric / Discrete

DESCRIPTION / COMMENT:

RELEVANT FORMAT STATEMENTS:

FREQUENCIES:

W_O_Y



	FREQ.	CUM. FREQ.	PCT.	CUM. PCT.
22	7	7	3.95	3.95
23	7	14	3.95	7.91
24	7	21	3.95	11.86
25	7	28	3.95	15.82
26	7	35	3.95	19.77
27	7	42	3.95	23.73
28	7	49	3.95	27.68
29	7	56	3.95	31.64
30	1	57	0.56	32.20
37	7	64	3.95	36.16
38	14	78	7.91	44.07
39	14	92	7.91	51.98
40	14	106	7.91	59.89
41	14	120	7.91	67.80
42	14	134	7.91	75.71
43	14	148	7.91	83.62
44	14	162	7.91	91.53
45	14	176	7.91	99.44
46	1	177	0.56	100.00

1.8.3 *Character variables*

(no frequencies given)

CITY	City of survey	Karlsruhe and Halle
FEVENTS	Special events forecasted	“Gewitter” = thunderstorm
STUDY	Study name	

2 SAS FORMAT STATEMENTS

```
proc format     library = library.formats;

            value act_1id  /* Gewählte exemplarische (Haupt-)Kategorien */

            1           =           'Arbeit am Arbeitsplatz'
            2           =           'Arbeit am zweiten Arbeitsplatz'
            3           =           'Arbeit am dritten Arbeitsplatz'
            4           =           'Besuch oder Arbeit bei Kunden'
            5           =           'Sitzungen, Tagungen, Konferenzen'
            6           =           'Besuch der Schule'
            7           =           'Studium'
            8           =           'Fort- und Weiterbildungskurse'
            9           =           'Lerngruppen'
            10          =           'Sonstiges'

                        ;

            value act_2id

            1           =           'Einkauf täglicher Bedarf'
            2           =           'Einkauf langfristiger Bedarf'
            3           =           'Einkaufsbummel oder Flohmaerkte'
            4           =           'Aerzte'
            5           =           'Friseur, Kosmetik etc.'
            6           =           'Banken, Post, Behoerden'
            7           =           'Sonstiges'

                        ;

            value act_3id

            1           =           'Begleitung von Kindern zur Schule/Kindergarten etc.'
            2           =           'Begleitung von Kindern u.a. Familienmitgliedern zu Hobbies
                                        etc.'
            3           =           'Unterstuetzung von Freunden oder Verwansten bei privaten
                                        Erledigungen'
            4           =           'Karitative Tätigkeit'
            5           =           'Sonstiges'

                        ;

            value act_4id

            1           =           'Partei, Gewerkschaft, Interessenvertretung'
            2           =           'Kirchengemeinde'
            3           =           'Vereine und Clubmitgliedschaften'
            4           =           'Sportliche Aktivitäten (Verein)'
            5           =           'Sportliche Aktivitäten (ausserhalb Verein)'
            6           =           'Ausflüge, Spazierengehen, Radwanderungen'
            7           =           'Garten, Grabpflege'
            8           =           'Handwerkliche Taetigkeiten (ausser Haus)'
            9           =           'Musizieren'
            10          =           'Sonstiges'

                        ;

            value act_5id

            1           =           'Gesellig mit Familienmitgliedern'
            2           =           'Gesellig mit Freunden'
            3           =           'Feste'
            4           =           'Restaurants'
            5           =           'Kneipen'
            6           =           'Discos'
            7           =           'Sosntiges'

                        ;

            value act_6id

            1           =           'Theater'
            2           =           'Kino'
            3           =           'Museen, Galerien'
```

cont.

```
            4           =           'Konzerte'
            5           =           'Sportveranstaltungen'
            6           =           'Sonstiges'

                        ;

      /* Formate für alle Befragungen (Alpabetisch)*/

            value   age_a

      low-17            =       '0 -17'
      18-24             =       '18-24'
      25-34             =       '25-34'
      35-44             =       '35-44'
      45-54             =       '45-54'
      55-64             =       '55-64'
    65-high             =       '65 plus'
        .               =       'Missing'
                    ;

        value   age_a_d

      low-17            =       '0 -17'
      18-24             =       '18-24'
      25-34             =       '25-34'
      35-44             =       '35-44'
      45-54             =       '45-54'
      55-64             =       '55-64'
    65-high             =       '65 plus'
        .               =       'Keine Angabe'
                    ;

    value   age_b

      low-14            =       '-14'
      15-18             =       '15-18'
      19-25             =       '19-25'
      26-35             =       '26-35'
      36-45             =       '36-45'
      46-55             =       '46-55'
      56-65             =       '56-65'
    66-high             =       '66 plus'
        .               =       'Missing'
                    ;

        value   age_c

      low-14            =       '-14'
      15-17             =       '15-17'
      18-24             =       '18-24'
      25-44             =       '25-44'
      45-65             =       '35-65'
    66-high             =       '66 plus'
        .               =       'Missing'
                    ;

            value   age_d


      low-24            =       '15-24'
      25-44             =       '25-44'
      45-64             =       '45-64'
    65-high             =       '65 plus'
        .               =       'Missing'
                    ;


          value   age_hal

      low-17            =      '0-17'
      18-29             =       '18-29'
```

cont.

```
      30-44              =       '30-44'
      45-64              =       '45-64'
    65-high              =       '65 plus'
       .                 =       'Missing'
                 ;

        value   age_ka

      low-17             =      '0-17'
      18-24              =       '18-24'
      25-44              =       '25-44'
      45-64              =       '45-64'
    65-high              =       '65 plus'
       .                 =       'Missing'
                 ;


        value   a_s_l_a

        0                =       'None'
        1                =       'Whole network'
        2                =       'City'
        3,4              =       'City plus one zone'
        5                =       'Other'
        .                =       'Missing'
             ;

      value   a_wp_a

        0                =       'None'
        1                =       'CBD'
        2                =       'Inner City'
        3                =       'Suburbs'
        4                =       'Other Places'
        .                =       'Missing'
             ;

          value  carvarco

        0-10             =       ' 0-10 DEM'
      10.00001-20        =       '10-20 DEM'
      20.00001-30        =       '20-30 DEM'
      30.00001-40        =       '30-40 DEM'
      40.00001-50        =       '40-50 DEM'
      50.00001-60        =       '50-60 DEM'
      60.00001-70        =       '60-70 DEM'
      .                  =       'Missing'
            ;


        value   ccm_a

        0                =       'Not motorized'
        1-500            =       '   1- 500 ccm'
      501-1000           =       ' 501-1000 ccm'
     1001-1500           =       '1001-1500 ccm'
     1501-2000           =       '1501-2000 ccm'
     2001-2500           =       '2001-2500 ccm'
     2501-high           =       '2501+ ccm'
        .                =       'Missing'
        ;


        value   citycode    /* CITYCODE */

        1                =       'Karlsruhe'
        2                =       'Halle'
        ;


        value   city_a    /* CODE_AUX t_sum file */
```

cont.

```
        1               =       'Karlsruhe'
        2               =       'Halle'
        3               =       'Karlsruhe Pretest'
        ;


           value       clouds_a

      .                =       'Missing'
      0-1              =       'Less then 1/8'
      1.000001-2       =       '1/8 - 2/8'
      2.000001-3       =       '2/8 - 3/8'
      3.000001-4       =       '3/8 - 4/8'
      4.000001-5       =       '4/8 - 5/8'
      5.000001-6       =       '5/8 - 6/8'
      6.000001-7       =       '6/8 - 7/8'
      7.000001-8       =       '7/8 - 8/8'
      ;


         value   day_t_a

     0   -  3600       =       ' 0- 1 Uhr'
     3601-  7200       =       ' 1- 2 Uhr'
     7201- 10800       =       ' 2- 3 Uhr'
    10800- 14400       =       ' 3- 4 Uhr'
    14401- 18000       =       ' 4- 5 Uhr'
    18001- 21600       =       ' 5- 6 Uhr'
    21601- 25200       =       ' 6- 7 Uhr'
    25201- 28800       =       ' 7- 8 Uhr'
    28801- 32400       =       ' 8- 9 Uhr'
    32401- 36000       =       ' 9-10 Uhr'
    36001- 39600       =       '10-11 Uhr'
    39601- 43200       =       '11-12 Uhr'
    43201- 46800       =       '12-13 Uhr'
    46801- 50400       =       '13-14 Uhr'
    50401- 54000       =       '14-15 Uhr'
    54001- 57600       =       '15-16 Uhr'
    57601- 61200       =       '16-17 Uhr'
    61201- 64800       =       '17-18 Uhr'
    64801- 68400       =       '18-19 Uhr'
    68401- 72000       =       '19-20 Uhr'
    72001- 75600       =       '20-21 Uhr'
    75601- 79200       =       '21-22 Uhr'
    79201- 82800       =       '22-23 Uhr'
    82801- 86400       =       '23-24 Uhr'
          .            =       'Missing'
        ;


         value   day_t_ae

     0   -  3600       =       ' 0- 1 hrs'
     3601-  7200       =       ' 1- 2 hrs'
     7201- 10800       =       ' 2- 3 hrs'
    10800- 14400       =       ' 3- 4 hrs'
    14401- 18000       =       ' 4- 5 hrs'
    18001- 21600       =       ' 5- 6 hrs'
    21601- 25200       =       ' 6- 7 hrs'
    25201- 28800       =       ' 7- 8 hrs'
    28801- 32400       =       ' 8- 9 hrs'
    32401- 36000       =       ' 9-10 hrs'
    36001- 39600       =       '10-11 hrs'
    39601- 43200       =       '11-12 hrs'
    43201- 46800       =       '12-13 hrs'
    46801- 50400       =       '13-14 hrs'
    50401- 54000       =       '14-15 hrs'
    54001- 57600       =       '15-16 hrs'
    57601- 61200       =       '16-17 hrs'
    61201- 64800       =       '17-18 hrs'
    64801- 68400       =       '18-19 hrs'
    68401- 72000       =       '19-20 hrs'
    72001- 75600       =       '20-21 hrs'
    75601- 79200       =       '21-22 hrs'
```

cont.

```
      79201- 82800      =       '22-23 hrs'
      82801- 86400      =       '23-24 hrs'
          .             =       'Missing'
        ;


         value   day_t_b

        0- 21600        =       ' 0- 6 Uhr'
    21601- 32400        =       ' 6- 9 Uhr'
    32401- 43200        =       ' 9-12 Uhr'
    43201- 54000        =       '12-15 Uhr'
    54001- 64800        =       '15-18 Uhr'
    64801- 75600        =       '18-21 Uhr'
    75601- 86400        =       '21-24 Uhr'
          .             =       'Missing'
        ;


         value   day_t_be

        0- 21600        =       ' 0- 6 hrs'
    21601- 32400        =       ' 6- 9 hrs'
    32401- 43200        =       ' 9-12 hrs'
    43201- 54000        =       '12-15 hrs'
    54001- 64800        =       '15-18 hrs'
    64801- 75600        =       '18-21 hrs'
    75601- 86400        =       '21-24 hrs'
          .             =       'Missing'
        ;


        value   dec_a

        low-1919        =       'Up to 1920'
       1920-1929        =       '1920s'
       1930-1939        =       '1930s'
       1940-1949        =       '1940s'
       1950-1959        =       '1950s'
       1960-1969        =       '1960s'
       1970-1979        =       '1970s'
       1980-1989        =       '1980s'
       1990-1999        =       '1990s'
        .               =       'Missing'
        ;

        value   dist_a

        0               =       'None'
      1-    250         =       '  - 0.25 km'
    251-    500         =       '  - 0.5 km'
    501-   1000         =       '  -  1 km'
   1001-   2000         =       '  -  2 km'
   2001-   3000         =       '  -  3 km'
   3001-   4000         =       '  -  4 km'
   4001-   5000         =       '  -  5 km'
   5001-   6000         =       '  -  6 km'
   6001-   7000         =       '  -  7 km'
   7001-   8000         =       '  -  8 km'
   8001-   9000         =       '  -  9 km'
   9001-  10000         =       '  - 10 km'
  10001-   high         =       '   10+ km'
        .               =       'Missing'
        ;

        value   dist_b

    low-   2500         =       '  -  2.5 km'
   2501-   5000         =       '  -  5.0 km'
   5001-   7500         =       '  -  7.5 km'
   7501-  10000         =       '  - 10.0 km'
  10001-  12500         =       '  - 12.5 km'
  12501-  15000         =       '  - 15.0 km'
```

cont.

```
 15001-  17500          =       '  - 17.5 km'
 17501-  20000          =       '  - 20.0 km'
 20001-  22500          =       '  - 22.5 km'
 22501-  25000          =       '  - 25.0 km'
 25001-   high          =       '25+ km'
        .               =       'Missing'
        ;

        value   dist_c

   low-   5000          =       '  -  5 km'
  5001-  10000          =       '  - 10 km'
 10001-  15000          =       '  - 15 km'
 15001-  20000          =       '  - 20 km'
 20001-  25000          =       '  - 25 km'
 25001-  30000          =       '  - 30 km'
 30001-  35000          =       '  - 35 km'
 35001-  40000          =       '  - 40 km'
 40001-  45000          =       '  - 45 km'
 45001-  50000          =       '  - 50 km'
 50001-  high           =       '50+ km'
        .               =       'Missing'
        ;

       value   dist_d

    low-   2.500        =       '  -  2.5 km'
  2.501-   5.000        =       '  -  5.0 km'
  5.001-   7.500        =       '  -  7.5 km'
  7.501-  10.000        =       '  - 10.0 km'
 10.001-  12.500        =       '  - 12.5 km'
 12.501-  15.000        =       '  - 15.0 km'
 15.001-  17.500        =       '  - 17.5 km'
 17.501-  20.000        =       '  - 20.0 km'
 20.001-  22.500        =       '  - 22.5 km'
 22.501-  25.000        =       '  - 25.0 km'
 25.001-  50.000        =       '  - 50.0 km'
 50.000-  high          =       '50+ km'
        .               =       'Missing'
        ;

       value   dist_e

   low-   1.000         =       '  -  1.0 km'
  1.001-  2.500         =       '  -  2.5 km'
  2.501-   5.000        =       '  -  5.0 km'
  5.001-  10.000        =       '  - 10.0 km'
 10.001-  20.000        =       '  - 20.0 km'
 20.001-  high          =       '     20+ km'
         .              =       'Missing'
        ;


      value   dist_e_d

    low-   2.500        =       '  -  2.5 km'
  2.501-   5.000        =       '  -  5.0 km'
  5.001-  10.000        =       '  - 10.0 km'
 10.001-  20.000        =       '  - 20.0 km'
 20.001-  high          =       '     20+ km'
         .              =       'Keine Angabe'
        ;

      value   dist_f

    low-   2.500        =       '  -  2.5 km'
  2.501-   5.000        =       '  -  5.0 km'
  5.001-  10.000        =       '  - 10.0 km'
 10.001-  20.000        =       '  - 20.0 km'
 20.001-  30.000        =       '  - 30.0 km'
 30.001-  40.000        =       '  - 40.0 km'
 40.001-  50.000        =       '  - 50.0 km'
 50.001-    high        =       '     50+ km'
```

cont.

```
        .          =       'Missing'
       ;

     value   dist_g

    low-   50.000       =       '  - 50.0 km'
  50.001- 100.000       =       '  -100.0 km'
 100.001- 150.000       =       '  -150.0 km'
 150.001- 200.000       =       '  -200.0 km'
 200.001- 250.000       =       '  -250.0 km'
 250.001-    high       =       '    250+ km'
        .               =       'Missing'
       ;

     value   dist_mz

   low-   2500          =       '  -  2.5 km'
  2501-   5000          =       '  -  5.0 km'
  5001-  10000          =       '  - 10.0 km'
 10001-  20000          =       '  - 20.0 km'
 20001-  high           =       '     20+ km'
        .               =       'Missing'
       ;


     value   dist_w

  low-   500            =       '  -  0.5 km'
  501-   1000           =       '  -  1.0 km'
 1001 -  2000           =       '  - 2.0 km'
 2001 -  5000           =       '  - 5.0 km'
 5001 -  high           =       '     5+ km'
           .            =       'Missing'
           ;


     value   d_o_w

       1                =       'Monday'
       2                =       'Tuesday'
       3                =       'Wednesday'
       4                =       'Thursday'
       5                =       'Friday'
       6                =       'Saturday'
       7                =       'Sunday'
       .                =       'Missing'
       ;

     value   d_o_w_b

       1-5              =       'Week'
       6                =       'Saturday'
       7                =       'Sunday'
       .                =       'Missing'
       ;

     value   d_o_w_c

       1-4              =       'Monday-Thursday'
       5                =       'Friday'
       6                =       'Saturday'
       7                =       'Sunday'
       .                =       'Missing'
       ;

     value   d_o_w_e

       1-5              =       'Week'
       6-7              =       'Weekend'
       .                =       'Missing'
       ;
```

cont.

```
value   dur_a

  0                =       'None'
  1-4.99           =       ' 1- 4 min'
  5-9.99           =       ' 5- 9 min'
 10-14.99          =       '10-14 min'
 15-19.99          =       '15-19 min'
 20-24.99          =       '20-24 min'
 25-29.99          =       '25-29 min'
 30-34.99          =       '30-34 min'
 35-39.99          =       '35-39 min'
 40-44.99          =       '40-44 min'
 45-49.99          =       '45-49 min'
 50-54.99          =       '50-54 min'
 55-59.99          =       '55-59 min'
 60-high           =       '60+ min'
  .                =       'Missing'
  ;


value   dur_b

  0                =       'None'
 0.01- 10.99       =       '  1 -  10 min'
 11- 20.99         =       ' 11 -  20 min'
 21- 30.99         =       ' 21 -  30 min'
 31- 40.99         =       ' 31 -  40 min'
 41- 50.99         =       ' 41 -  50 min'
 51- 60.99         =       ' 51 -  60 min'
 61-high           =       '61+ min'
  .                =       'Missing'
  ;

value   dur_bd

  0                =       'None'
 0.01- 10.99       =       '  1 -  10 Min'
 11- 20.99         =       ' 11 -  20 Min'
 21- 30.99         =       ' 21 -  30 Min'
 31- 40.99         =       ' 31 -  40 Min'
 41- 50.99         =       ' 41 -  50 Min'
 51- 60.99         =       ' 51 -  60 Min'
 61-high           =       '61+ Min'
  .                =       'Keine Angabe'
  ;

value   dur_c

  0                =       'None'
  1-9.99           =       '  1-  9 min'
 10-19.99          =       ' 10- 19 min'
 20-29.99          =       ' 20- 29 min'
 30-39.99          =       ' 30- 39 min'
 40-49.99          =       ' 40- 49 min'
 50-59.99          =       ' 50- 59 min'
 60-69.99          =       ' 60- 69 min'
 70-79.99          =       ' 70- 79 min'
 80-89.99          =       ' 80- 89 min'
 90-99.99          =       ' 90- 99 min'
100-109.99         =       '100-109 min'
110-119.99         =       '110-119 min'
120-high           =       '1200+ min'
  .                =       'Missing'
  ;


value   dur_d

  low-60.99        =       '-  1 h'
  61-120.99        =       '-  2 h'
 121-180.99        =       '-  3 h'
 181-240.99        =       '-  4 h'
 241-300.99        =       '-  5 h'
```

cont.

```
 301-360.99       =       '-  6 h'
 361-420.99       =       '-  7 h'
 421-480.99       =       '-  8 h'
 481-540.99       =       '-  9 h'
 541-600.99       =       '- 10 h'
 601-high         =       '10+ h'
  .               =       'Missing'
  ;

value   dur_e

 low-120          =       '-  2 h'
 121-240          =       '-  4 h'
 241-360          =       '-  6 h'
 361-480          =       '-  8 h'
 481-600          =       '- 10 h'
 601-high         =       '10+ h'
  .               =       'Missing'
  ;


value   dur_f

  0               =       'None'
  1-30.99         =       '  -  1/2   hour'
 31-60.99         =       '  -   1    hour'
 61-90.99         =       '  - 1 1/2  hours'
 91-120.99        =       '  -   2    hours'
 121-150.99       =       '  - 2 1/2  hours'
 151-high         =       '   2 1/2 + hours'
  .               =       'Missing'
  ;


value   dur_g

  0               =       'None'
  1-299.99        =       '   - 5  hours'
 300-599.99       =       '  5-10  hours'
 600-899.99       =       ' 11-15  hours'
 900-1199.99      =       ' 16-20  hours'
 1200-high        =       ' 21 +   hours'
        .         =       'Missing'
  ;

value   educ_a

  0               =       'None'
  1               =       'Primary'
  2               =       'Obligatory schooling'
  3               =       'Intermediate - 16 years'
  4               =       'Limited Highschool'
  5               =       'Full Highschool'
  6               =       'Full Highschool - East'
  7               =       'Apprenticeship'
  8               =       'Craft master'
  9               =       'Technical college (FH/PH)'
  10              =       'University (Science/Engineering)'
  11              =       'University (Arts/Social sciences)'
  .               =       'Missing'
  ;


value   educ_b

  0-3             =       'Up to intermediate'
  4-6             =       'Highschool'
  7-8             =       'Vocational training'
  9-11            =       'University'
  .               =       'Missing'
  ;
```

```
value   educ_kep

  1                 =       'Primar-/Sekundar-/Real'
  2                 =       'Berufsschule/Lehre'
  3                 =       'Matura, Studium'
  .                 =       'Missing'
  ;

value   eink_a

  0.5,0.7           =       'Up to 1000 DM'
  1.4               =       '1000 - 1799 DM'
  2.2               =       '1800 - 2499 DM'
  2.8               =       '2500 - 2999 DM'
  3.5               =       '3000 - 3999 DM'
  4.5               =       '4000 - 4999 DM'
  6.0               =       '5000 - 7499 DM'
  9.0               =       '7500+ DM'
  .                 =       'Missing'
  ;

value   eink_b

  0.5,0.7, 1.4      =       'Up to 1799 DM'
  2.2,2.8           =       '1800 - 2999 DM'
  3.5,4.5           =       '3000 - 4999 DM'
  6.0,9.0           =       '5000+ DM'
  .                 =       'Missing'
  ;


  value   exp

  0.00              =       'None'
  6.00              =       '    -  10 DM'
 25.00              =       ' 10 -  50 DM'
100.00              =       ' 50 - 200 DM'
300.00              =       '200+ DM'
  .                 =        'Missing'
  ;


value   exp_a

  0.00              =       'None'
 0.01- 20.00        =       '    -  20 DM'
20.01- 40.00        =       ' 20 -  40 DM'
40.01- 60.00        =       ' 40 -  60 DM'
60.01- 80.00        =       ' 60 -  80 DM'
80.01-100.00        =       ' 80 - 100 DM'
100.01-120.00       =       '100 - 120 DM'
120.01-140.00       =       '120 - 140 DM'
140.01-160.00       =       '140 - 160 DM'
160.01-180.00       =       '160 - 180 DM'
180.01-200.00       =       '180 - 200 DM'
200.01- high        =       '200+ DM'
  .                 =       'Missing'
  ;

value   exp_b

  0.00              =       'None'
 0.01- 40.00        =       '    -  40 DM'
40.01- 80.00        =       ' 40 -  80 DM'
80.01-120.00        =       ' 80 - 120 DM'
120.01-160.00       =       '120 - 160 DM'
160.01-200.00       =       '160 - 200 DM'
200.01-240.00       =       '200 - 240 DM'
240.01- high        =       '240+ DM'
  .                 =       'Missing'
  ;

value   exp_c

  0.00              =       'None'
 0.01- 25.00        =       '    -  25 DM'
```

cont.

```
   25.01- 50.00          =        ' 25 -  50 DM'
   50.01- 75.00          =        ' 50 -  75 DM'
   75.01-100.00          =        ' 75 - 100 DM'
  100.01-200.00          =        '100 - 200 DM'
  200.01- high           =        '200+ DM'
        .                =        'Missing'
        ;

      value   f_cs_a

        0                =        'Never'
        1                =        'Once a year'
        2                =        'Once a month'
        3                =        '2-3 times a month'
        4                =        'Once a week'
        5                =        'More then once a week'
        6                =        'About daily'
        .                =        'Missing'
        ;

      value   f_cs_b

        0                =        'Never'
        1-3              =        'Rarely'
        4-6              =        'Frequently'
        .                =        'Missing'
        ;

      value   fees_a

        0                =        'Free'
        1-50             =        '  0 -  50 DM'
       51-100            =        ' 51 - 100 DM'
      101-150            =        '101 - 150 DM'
      151-200            =        '151 - 200 DM'
      201-99998          =        '201+ DM'
      99999              =        'None'
        .                =        'Missing'
        ;

      value   fuel_a

        0                =        'Not motorized'
        1                =        'Gasoline'
        2                =        'Diesel'
        3                =        'Other'
        .                =        'Missing'
        ;

      value   hours_a

        0                =        'None'
        1-5              =        ' 1 -  5 h'
        6-10             =        ' 6 - 10 h'
       11-15             =        '11 - 15 h'
       16-20             =        '16 - 20 h'
       21-25             =        '21 - 25 h'
       26-30             =        '26 - 30 h'
       31-35             =        '31 - 35 h'
       36-40             =        '36 - 40 h'
       41-45             =        '41 - 45 h'
       46-50             =        '46 - 50 h'
       51-high           =        '50+ h'
        .                =        'Missing'
        ;

      value   hours_b

        0                =        'None'
        1-35             =        'Parttime'
        36-high          =        'Fulltime'
        .                =        'Missing'
        ;
```

```
value   halle_a

        0               =       'None'
        101             =       'Altstadt'
        102             =       'Suedliche Innenstadt'
        103             =       'Noerdliche Innenstadt'
        204             =       'Paulusviertel'
        205             =       'Am Wasserturm/Theaterviertel'
        206             =       'Landrain'
        207             =       'Frohe Zukunft'
        221             =       'Ortslage Trotha'
        222             =       'Industriegebiet Nord'
        223             =       'Gottfried-Keller-Siedlung'
        230             =       'Giebichstein'
        231             =       'Seeben'
        232             =       'Tornau'
        233             =       'Mötzlich'
        308             =       'Gebiet der DR'
        309             =       'Freiimfelde/Kanenaer Weg'
        310             =       'Dieselstrasse'
        340             =       'Diemitz'
        341             =       'Dautzsch'
        342             =       'Reideburg'
        343             =       'Büschdorf'
        344             =       'Kanena/Bruckdorf'
        411             =       'Lutherpaltz/Thüringer Bahnhof'
        412             =       'Gesundbrunnen'
        413             =       'Südstadt'
        414             =       'Damaschkestrasse'
        451             =       'Ortslage Ammendorf/Beesen'
        452             =       'Radewell/Osendorf'
        453             =       'Planea'
        460             =       'Böllberg/Wörmlitz'
        461             =       'Silberhöhe'
        571             =       'Nördliche Neustadt'
        572             =       'Südliche Neustadt'
        573             =       'Westliche Neustadt'
        574             =       'Gewerbegebiet Neustadt'
        581             =       'Ortslage Lettin'
        582             =       'Heide-Nordt/ Blumenau'
        590             =       'Saaleaue'
        591             =       'Kröllwitz'
        592             =       'Hiede-Sued'
        593             =       'Nietleben'
        594             =       'Dölauer Heide'
        595             =       'Dölau'
        596-high        =       'ausserhalb Halle'
        .,108           =       'Missing'
        ;

      value  halle_b

        0=       'None'
        101,102,103                                                     =       'Innenstadt'
        204,205,206, 230,308,309,310,340,343,411,412,413,414,590        =       'Innere Stadt'
        207-229,231-307,341,342,344-410,415-589,591-595                 =       'Stadtrand'
        596-high                                                        =       'Andere Orte'
        .,108                                                           =       'Missing'
                  ;

            value  halle_e

        0=       'None'
        101,102,103                                                     =       'CBD'
        204,205,206, 230,308,309,310,340,343,411,412,413,414,590        =       'Inner City'
        207-229,231-307,341,342,344-410,415-589,591-595                 =       'Suburbs'
        596-high                                                        =       'Other'
        .,108                                                           =       'Missing'
                  ;

            value journeys

            .           = 'Missing'
            1-10        = '1 to 10'
cont.
```

cont.

```
          11-20       =       '10-20'
          21-30       =       '20-30'
          31-40       =       '30-40'
          41-50       =       '40-50'
          50-high     =       'More than 50'

          ;

     value  karlsu_a

       0               =       'None'
       1 - 20          =       'Innenstadt-Ost'
       21- 30          =       'Innenstadt-West'
       31- 40          =       'Suedstadt'
       41- 50          =       'Suedweststadt'
       51- 60          =       'Weststadt'
       61- 70          =       'Nordweststadt'
       71- 80          =       'Oststadt'
       81- 90          =       'Muehlburg'
       91-100          =       'Daxlanden'
      101-110          =       'Kniebingen'
      111-120          =       'Gruenwinkel'
      121-130          =       'Oberreut'
      131-140          =       'Beiertheim-Bulach'
      141-150          =       'Weiherfeld-Dauerstock'
      151-160          =       'Rüppurr'
      161-170          =       'Waldstadt'
      171-180          =       'Rintheim'
      181-190          =       'Hagsfeld'
      191-200          =       'Durlach'
      201-210          =       'Groetzingen'
      211-220          =       'Stupferich'
      221-230          =       'Hohenwettersbach'
      231-240          =       'Gruenwettersbach'
      241-250          =       'Wolfartsweier'
      251-260          =       'Palmbach'
      261-270          =       'Neureuth'
      271-280          =       'Nordstadt'
      1111             =       'Rheinlandpfalz'
      1112             =       'Hessen'
      1113             =       'Saarland'
      1114             =       'Bayern'
      1115             =       'Nordwestdeutschland'
      1116             =       'Nordostdeutschland'
      1117             =       'Frankreich'
      1118             =       'Schweiz, Oesterreich'
      1119             =       'Osteuropa'
      1120             =       'Westeuropa'
      1121             =       'Nordeuropa'
     10000-high        =       'Baden-Wuertemberg'
        .              =       'Missing'
                  ;

     value  karlsu_b

       0               =       'None'
       1 - 30          =       'Innenstadt'
       31- 70, 271-280 =       'Innere Stadt'
       71-270          =       'Stadtrand'
       1111-1121       =       'Andere Orte'
       10000-high      =       'Baden-Wuertemberg'
                .      =       'Missing'
                ;

     value  karlsu_c

       0                                =       'None'
       1 - 1111, 10000-high             =       'Nicht weit weg'
       1112-1121                        =       'Weit weg'
                      ;
```

```
value  ort_a

  0              =       'None'
  1              =       'Innenstadt'
  2              =       'Innere Stadt'
  3              =       'Stadtrand'
  4              =       'Andere Orte'
  .              =       'Missing'
            ;


  value  karlsu_e

  0                  =       'None'
  1 - 30             =       'CBD'
  31- 70, 271-280    =       'Inner city'
  71-270             =       'Suburbs'
  1111-high          =       'other'

           .         =       'Missing'
            ;


  value   k_acc_a


  1       =       '-7 HH'
  2       =       '7+ HH'
  3       =       'Freestanding'
  4       =       'Duplex'
  5       =       'Terrace'
  6       =       'Granny flat'
  .       =       'Missing'
  ;



  value   km_a

          0       =       'None'
 1-998,1000-20000 =       ' -20000 km'
      20001-40000 =       ' -40000 km'
      40001-60000 =       ' -60000 km'
      60001-80000 =       ' -80000 km'
      80001-100000=       '-100000 km'
     100001-high  =       '100000+ km'
         999                 =           'Not asked'
          .       =        'Missing'
  ;


  value   km_b

          0       =       'None'
          1-2500  =       '- 2500 km'
       2501-5000  =       '- 5000 km'
       5001-7500  =       '- 7500 km'
       7501-10000 =       '- 10000 km'
      10001-12500 =       '- 12500 km'
      12501-15000 =       '- 15000 km'
      15001-high  =       '  15001+ km'
          .       =        'Missing'
  ;

  value   k_o_g_a

  0       =       'None'
  1       =       'Garage on site'
  2       =       'Garage off site'
  3       =       'Individual garage on site'
  4       =       'Individual garage off site'
  .       =        'Missing'
  ;
```

```
value   k_o_os_a

0       =       'None'
1       =       'Yard'
2       =       'Drive'
3       =       'Lot'
4       =       'Car port'
5       =       'Curb'
.       =        'Missing'
;


value   k_rent_a

0       =       'None'
1       =       'Subsidised'
2       =       'Firm'
3       =       'Free market'
.       =        'Missing'
;



value   k_s_l_a

0       =       'None'
1       =       'Monthly'
2       =       'Student season'
3       =       'Retiree season'
4       =       'Pupil season'
5       =       'Employee'
    6           =           'Other'
.       =        'Missing'
;


value  lic_d

0              =       'Führerausweis nicht vorhanden'
1                  =       'Führerausweis vorhanden'
.                  =       'Keine Angabe'
           ;

value  loc_a

0                  =       'None'
1                  =       'CBD'
2                  =       'Inner city'
3                  =       'Suburbs'
4                  =       'Elsewhere'
.                  =       'Missing'
           ;


value   MMINUNIT

1   =         'Meters'
2   =         'Minutes'
.   =         'Missing'
;


value   nat_a

0     =         'Foreign'
1     =         'German '
.     =        'Missing'
;


value   number_a

0     =         'None'
1     =         '1 '
2     =         '2 '
```

cont.

```
        3      =        '3 '
        4      =        '4 '
        5      =        '5 '
        6      =        '6 '
        7      =        '7 '
        8-high =        '8+ '
        .      =        'Missing'
        ;

      value   number_b

        0       =       'None'
        1       =       '1 '
        2       =       '2 '
        3       =       '3 '
        4-high  =       '4+ '
        .       =       'Missing'
        ;

      value   number_c

        0        =        'None'
        1-5      =        '1-5 '
        6-10     =        '6-10 '
        11-15    =        '11-15 '
        16-20    =        '16-20 '
        21-25    =        '21-25 '
        26-30    =        '26-30'
        31-high  =        '31+'
        .        =        'Missing'
        ;

      value   number_d

        0       =       'None'
        1       =       '1 '
        2       =       '2 '
        3       =       '3 '
        4       =       '4 '
        5       =       '5 '
        6-high  =       '6+ '
        .       =       'Missing'
        ;

        value   number_e

        0       =       'None'
        1       =       '1 '
        2-high  =       '2+ '
        ;

        value   num_e_d

        0       =       'Keinen'
        1       =       '1 '
        2-high  =       '2+ '
        ;

             value   number_f

        0.00000001-1      =         '0-1'
        1.00000001-2      =         '1-2 '
        2.00000001-3      =         '2-3 '
        3.00000001-4      =         '3-4 '
        4.00000001-5      =         '4-5 '
        5.00000001-6      =         '5-6 '
        6.00000001-7      =         '6-7 '
        7.00000001-8      =         '7-8 '
```

cont.

```
  8.00000001-high =        '8+ '
  .               =        'Missing'
  ;

value   m_time_a

   0           =      'None'
   0.01-60.00  =      'Less then 1 hours/day'
  60.01-120.0  =      '1-2 hours/day'
 120.01-180.0  =      '2-3 hours/day'
 180.01-240.0  =      '3-4 hours/day'
 240.01-300.0  =      '4-5 hours/day'
 300.01-360.0  =      '5-6 hours/day'
 360.01-420.0  =      '6-7 hours/day'
 420.01-480.0  =      '7-8 hours/day'
 480.01-high   =      '8+ hours/day'
  .            =      'Missing'
  ;

   value   m_time_b

  0            =      'None'
  0.01-60.00   =      'Less then 1 hours/week'
  60.01-120.0  =      '1-2 hours/week'
 120.01-180.0  =      '2-3 hours/week'
 180.01-240.0  =      '3-4 hours/week'
 240.01-300.0  =      '4-5 hours/week'
 300.01-360.0  =      '5-6 hours/week'
 360.01-420.0  =      '6-7 hours/week'
 420.01-480.0  =      '7-8 hours/week'
 480.01-560.0  =      '8-9 hours/week'
 560.01-640.0  =      '9-10 hours/week'
 641.01-high   =      '10+ hours/week'
  .            =      'Missing'
  ;

value   mode_a

  1       =       'Walking'
  2       =       'Cycling'
  3       =       'Motorcycles'
  4       =       'Vehicle driver'
  5       =       'Vehicle passenger'
  6       =       'Bus'
  7       =       'LRT'
  8       =       'Heavy rail'
  9       =       'Other'
  .       =       'Missing'
  ;

value   mode_b

  1,2     =       'Slow modes'
  3-5     =       'Personal vehicle'
  6-9     =       'Public transport'
  .       =       'Missing'
  ;

value   mode_b_d

  1,2     =       'Nichtmotorisierter Verkehr'
  3-5     =       'Motorisierter Individualverkehr'
  6-9     =       'Oeffentlicher Verkehr'
  .       =       'Keine Angabe'
  ;
```

```
        value origexp

        .      = 'Missing'
        0      = 'No expenditure'
        1      = ' 0-10 DEM'
        2      = '11-50 resp. 11-25 DEM'
        3      = '51-200 resp. 26-100 DEM'
        4      = '>200 resp. >100 DEM'

        ;

    value   own_t_a

    1       =       'HH member'
    2       =       'Employer'
    3       =       'Other'
    .       =        'Missing'
    ;

    value   park_t_a

    0       =       'None'
    1       =       'Backyard'
    2       =       'Driveway'
    3       =       'Parking lot'
    4       =       'Curb'
    5       =       'Garage'
    6       =       'Car port'
    7       =       'Shed'
    8       =       'Basement'
    9       =       'Other'
    .       =        'Missing'
    ;

    value   park_t_b

    0       =       'None'
1-3,5-9     =       'Controlled'
    4       =       'Uncontrolled'
    .       =       'Missing'
    ;


    value   pc

     0.00       =       ' 0 DM'
 0.00001- 2.00  =       '   -  2 DM'
 2.00001- 4.00  =       ' 2 -  4 DM'
 4.00001- 6.00  =       ' 4 -  6 DM'
 6.00001- 8.00  =       ' 6 -  8 DM'
 8.00001-10.00  =       ' 8 - 10 DM'
10.00001- high  =       '10+ DM'
    .           =       'Missing'
    ;

    value   pc_a

     0.00   =       'Free'
 0.01- 4.00 =       '   -  4 DM'
 4.01- 8.00 =       ' 4 -  8 DM'
 8.01-12.00 =       ' 8 - 12 DM'
12.01-16.00 =       '12 - 16 DM'
16.01-20.00 =       '16 - 20 DM'
20.01- high =       '20+ DM'
    .       =        'Missing'
    ;

    value   pc_b

 low - 8.00 =       '   -  8 DM'
 8.01-16.00 =       ' 8 - 16 DM'
16.01- high =       '16+ DM'
    .       =        'Missing'
    ;
```

```
value   power_a

0       =       'Not motorized'
1- 25   =       '  1- 25 PS'
26-50   =       ' 26- 60 PS'
51-75   =       ' 51- 75 PS'
76-100  =       ' 76-100 PS'
101-125 =       '101-125 PS'
126-150 =       '126-150 PS'
151-high =      '151+ PS'
.       =        'Missing'
;
```

```
    value preci_a

    .                   =           'Missing'
    0                   =           'None'
    0.000001-10         =           ' 0-10 mm'
    10.000001-20        =           '10-20 mm'
    20.000001-30        =           '20-30 mm'
    30.000001-40        =           '30-40 mm'
    40.000001-50        =           '40-50 mm'
    50.000001-high      =           ' > 50 mm'
    ;
```

```
 value   pur_a    /* FF_PUR, T_PUR, ... */

1       =       'Pick up/Drop off'
2       =       'Private business'
3       =       'Work related business'
4       =       'School'
5       =       'Work'
6       =       'Shopping: Daily'
7       =       'Shopping: Long term'
8       =       'Leisure'
9       =       'Other'
10      =       'Home'
.       =       'Missing'
      ;
```

```
value   pur_fr

1       =       'Pick up/Drop off'
2       =       'Private business'
3       =       'Work related'
4       =       'School'
5       =       'Work'
6       =       'Shop.: Daily'
7       =       'Shop.: Long term'
8       =       'Leisure'
9       =       'Other'
10      =       'Home'
.       =       'Missing'
      ;
```

```
value   pur_b

1,2,6,7 =       'Household related'
3,4,5   =       'Work/School'
8,9     =       'Leisure'
10      =       'Home'
.       =        'Missing'
;
```

```
    value   pur_bd

1,2,6,7,11   =       'Haushalts-bezogen'
3,4,5        =       'Arbeit/ Schule'
8,9          =       'Freizeit'
    10       =       'Nach Hause'
    .        =       'Keine Angabe'

;
```

```
    value   pur_c   /* Citymobil categories */

1       =       'Work'
2       =       'Work related business'
3       =       'School'
4       =       'Further education/Training'
5       =       'Pick up/Drop off'
6       =       'Shopping: Daily'
7       =       'Shopping: Non-daily demand'
8       =       'Window shopping'
9       =       'Private business: Administrative'
10      =       'Meeting relatives/family'
11      =       'Meeting friends'
12      =       'Group/Club meeting'
13      =       'Private business: Service'
14      =       'Car care and refueling'
15      =       'Active sports'
16      =       'Excursion: Nature'
17      =       'Walk or stroll'
18      =       'Short trip (whole day)'
19      =       'Garden/Cottage'
20      =       'Excursion: Culture'
21      =       'Disco, pub, restaurant, cinema, etc.'
22      =       'Home'
23      =       'Other'
99      =       'Other private business'
    ;

    value   pur_u   /* Citymobil categories summed up for uppsala*/

1       =       'Arbeit'
2       =       'Geschäftlich'
6       =       'Einkauf kurzfristig'
7       =       'Einkauf langfristig'
8       =       'Einkaufsbummel'
10      =       'Treffen mit Familie'
11      =       'Treffen mit Freunden'
12      =       'Vereinstreffen'
15      =       'Aktiver Sport'
16,17   =       'Spaziergang und Wandern'
20      =       'Ausflug: kultur'
21      =       'Disco, Kneipe, Restaurant, etc.'
22      =       'Home'
3,4,5,9,13,14,18,19,23,99      =       'Other'
;

    value   pur_cmd   /* Citymobil categories */

1       =       'Arbeit'
2       =       'Beruflich'
3       =       'Ausbildung'
4       =       'Weiterbildung'
5       =       'Begleitung von Familienangehörigen'
6       =       'Einkaufen: täglicher Bedarf'
7       =       'Einkaufen: langfristiger Bedarf'
8       =       'Einkaufsbummel'
9       =       'Private business: Behoerden'
10      =       'Treffen mit Familie und Verwandten'
11      =       'Treffen mit Freunden'
12      =       'Vereinstreffen'
13      =       'Erledigungen: Aerzte'
14      =       'Autoreperatur oder Tanken'
15      =       'Aktiver Sport'
16      =       'Ausflug: Natur'
17      =       'Spaziergang'
18      =       'Kurzurlaub'
19      =       'Garten oder Wochenendhaus'
20      =       'Ausflug: Kultur'
21      =       'Restaurant, Kneipe, Kino, etc.'
22      =       'nach Hause'
23,99   =       'Andere'
 .      =       'Missing'

;
```

```
value   pur_d

1,2,6,7   =       'Household related'
  3,4,5   =       'Work/School'
  8,9     =       'Leisure'
  10      =       'Home'
  .       =       'Missing'

 ;


value   pur_e   /* Citymobil categories  (1 category private business)*/

1       =       'Work'
2       =       'Work related business'
3       =       'School'
4       =       'Further education/Training'
5       =       'Pick up/Drop off'
6       =       'Shopping: Daily'
7       =       'Shopping: Non-daily demand'
8       =       'Window shopping'
10      =       'Meeting relatives/family'
11      =       'Meeting friends'
12      =       'Group/Club meeting'
14      =       'Car care and refueling'
15      =       'Active sports'
16      =       'Excursion: Nature'
17      =       'Walk or stroll'
18      =       'Short trip (whole day)'
19      =       'Garden/Cottage'
20      =       'Excursion: Culture'
21      =       'Disco, pub, restaurant, cinema, etc.'
22      =       'Home'
23      =       'Other'
9,13,99,999   =       'Private business'
    .   =       'Missing'
;


    value       pur_upp     /*Uppsala activity purpose categories */

        /* Other */

        0      = 'Home'
        1      = 'Information missing'
        2      = 'Serve Passenger'
        3      = 'Change Mode'
        4      = 'Use public facility'
        5      = 'Failed in an attempt to carry out an errand'

                /* Communication */

        10      = 'Communication general no other category'
        11      = 'Talking in person with family'
        12      = 'Talking in person with friend or neighbour'
        13      = 'Talking in person with professional person businessman government
official'
        14      = 'Talking in person with sales person in store'
        15      = 'Talking in person with business associate or colleague'
        16      = 'Making a telephone call'
        17      = 'Sending a telegram'
        18      = 'Mail letter or package'

                /* Shopping */

        20      = 'Shopping general no other category'
        21      = 'Purchase goods or service make an expenditure'
        22      = 'Pricing window shopping'
        23      = 'Fitting'
        24      = 'Exchange goods'
        25      = 'Order a good without payment'
        26      = 'Order a good with payment'
        27      = 'Pick up a good without making an expenditure'
        28      = 'Home trial of good'
```

cont.

```
29      = 'Return borrowed good'

        /* Personal business */

30      = 'Personal business general no other category'
31      = 'Banking deposit or withdrawal'
32      = 'Banking other'
33      = 'Paying a bill'
34      = 'Make an appointment'
35      = 'Professional consultation doctor lawyer'
36      = 'Eat meal alone'
37      = 'Attending church'
38      = 'Walk dog'
39      = 'Do laundry'

        /* Social */

40      = 'Social general no other category'
41      = 'Visiting at home of relative'
42      = 'Visiting at home of friend'
43      = 'Club meeting'
44      = 'Eat meal with others'
45      = 'Drinking with others'
46      = 'Accompany someone shopping without spending money'

        /* Work and employment */

50 = 'Work'
51 = 'Work related activity'
52 = 'Seeking employment'
53 = 'Work without payment such as help a friend paint his house or fix his car'

        /* Recreation */
60      = 'Recreation general no other category'
61      = 'Indoor audience event concert play movie'
62      = 'Sports observer indoor'
63      = 'Sports participant indoor'
64      = 'Sports observer outdoor'
65      = 'Sports participant outdoor'
66      = 'Walking for pleasure'
67      = 'Driving for pleasure'
68      = 'Look after a child or children at a playground'
69      = 'Sitting for pleasure'
70      = 'Attending an educational course'

        ;

value pur_lctu    /* Categorisation of leisure activities: Uppsala mt_pur */

65,63,43,17,37,22,21,38                  =     'Leisure: Self active'
42,41,40,10,11,12,46,44,45,68,14         =     'Leisure: Social and communication'
64,61,62                                 =     'Leisure: culture and sports'
69,67,66,60,36                           =     'Other recreational'

                  ;

value pur_lctm    /* Categorisation of leisure activities: Mobidrive cm_pur */

3,4,8,9,12,14,15,16,17,18,19,13     =     'Leisure: Self active'
5,10,11                             =     'Leisure: Social and communication'
20,21                               =     'Leisure: culture and sports'
23                                  =     'Other recreational'

                  ;
```

```
value       use_upp     /* Uppsala land use code categories */

    0      = 'Missing'
    1      = 'Large grocery store'
    2      = 'Smaller grocery store'
    3      = 'Bakery - cafe'
    4      = 'Small stand kiosk'
    5      = 'State liquor store'
    6      = 'Flower shop'
    7       = 'Sports shop'
    8       = 'Jeweller'
    9       = 'Drug store (medicine only)'
    10      = 'Men’s clothing'
    11      = 'Women’s clothing'
    12      = 'Children’s clothing'
    13      = 'Fur shop'
    14      = 'Boots foot gear'
    15      = 'Clothing accessory shop'
    16      = 'Book store'
    17      = 'Photography shop'
    18      = 'Department store: textiles'
    19      = 'Toy shop'
    20      = 'Department store: general'
    21      = 'Department store: groceries'
    22      = 'Department store: restaurant'
    23      = 'Department store: clothing'
    24      = 'Department store: sporting goods'
    25      = 'Department store: newspaper/tobacco'
    26      = 'Department store: housewares'
    27      = 'Department store: toys'
    28      = 'Department store: flowers'
    29      = 'Department store: building materials'
    30      = 'Department store: furniture'
    31      = 'Department store: toilet articles'
    32      = 'Restaurant'
    33      = 'Hotel, motel'
    34      = 'Local meeting places'
    35      = 'Indoor recreation'
    36      = 'Outdoor recreation'
    37      = 'Library'
    38      = 'Museum'
    39      = 'Lottery stand'
    40      = 'Ticket'
    41      = 'Barber shop'
    42      = 'Dry cleaner'
    43      = 'Shoe repair shop'
    44      = 'Foot care'
    45      = 'Rental'
    46      = 'Tailor'
    47      = 'Funeral home'
    48      = 'Drivers school'
    49      = 'Personal service general'
    50      = 'Movie, theatre'
    51      = 'Bank, savings bank'
    52      = 'Insurance office'
    53      = 'Architect office'
    54      = 'Real estate office'
    55      = 'Law offices'
    56      = 'Illness supplies'
    60      = 'Art, antiques'
    61      = 'Home service'
    62      = 'Fuel'
    63      = 'Radio and tv shops'
    64      = 'Home service'
    65      = 'Fuel'
    66      = 'Hardware'
    67      = 'Home building materials'
    68      = 'Paint, wallpaper, cosmetics'
    69      = 'Small home articles'
    70      = 'Travel bureau'
    71      = 'Train station'
    72      = 'Bus station'
    73      = 'Parking place'
    74      = 'Post office'
    75      = 'Telegraph office'
    76      = 'Automobile sales and service'
```

cont.

```
                77      = 'Automobile repairs'
                78      = 'Automobile repairs'
                79      = 'Gas station'
                80      = 'Destination outside Uppsala'
                81      = 'Hospital'
                82      = 'Doctors office'
                83      = 'Dentist office'
                84      = 'Veterinary office'
                85      = 'School'
                86      = 'Public office'
                87      = 'Churches, cemeteries'
                88      = 'Social welfare office'
                89      = 'Street, sidewalk'
                90      = 'Head office'
                91      = 'Wholesaler'
                92      = 'Manufacturing'
                93      = 'Business services'
                94      = 'Home business'
                95      = 'Farm'
                96      = 'Summer home'
                97      = 'Own home'
                98      = 'Another persons home'
                99      = 'Work place'

                        ;


         value   pur_x   /*Auswerung von nach HAuse kommen*/

        1       =       'Pick up/Drop off'
        2       =       'Private business'
        3       =       'Work related business'
        4       =       'School'
        5       =       'Work'
        6       =       'Shopping: Daily'
        7       =       'Shopping: Long term'
        8       =       'Leisure'
        9,18,20,0     = 'Other'
        10      =       'Home'
        .,11    =       'macht nichts mehr'
        99      =       'unterwegs'
              ;

      value   qui_a

        0       =       'None'
        999     =       'Not asked'
       1900-1974=       'Up to 1975'
       1975-1979=       '1975-79'
       1980-1984=       '1980-84'
       1985-1989=       '1985-89'
       1990-1994=       '1990-94'
       1995-1999=       '1995-99'
          .     =       'Missing'

                ;


      value   qui_b

        0       =       'None'
        1-1930  =       'Up to 1930'
       1931-1940=       '1931-1940'
       1941-1950=       '1941-1950'
       1951-1960=       '1951-1960'
       1961-1970=       '1961-1970'
       1971-1980=       '1971-1980'
       1981-1990=       '1981-1990'
       1991-1999=       '1991-1999'
        .       =       'Missing'

                ;
```

```
value rainfor

.           =     'Missing'
0           =     'No precipitation'
1           =     'Light showers'
2           =     'Showers'
3           =     'Rain'
4           =     'Heavy rain'
;


value   rent_a

0       =       'Free'
1-500   =       '   1 -  500 DM'
501-1000  =     ' 501 - 1000 DM'
1001-1500 =     '1001 - 1500 DM'
1501-2000 =     '1501 - 2000 DM'
2001-2500 =     '2001 - 2500 DM'
2501-3000 =     '2501 - 3000 DM'
3001-3500 =     '3001 - 3500 DM'
3501-4000 =     '3501 - 4000 DM'
4001-high =     '4001+ DM'
.       =        'Missing'
;


value   rent_b

0       =       'Free'
0-1000  =       '   1 - 1000 DM'
1000-2000 =     '1001 - 2000 DM'
2000-3000 =     '2001 - 3000 DM'
3000-4000 =     '3001 - 4000 DM'
4000-high =     '4001+ DM'
.       =        'Missing'
;


value   sex_a

0       =       'Female'
1       =       'Male'
.       =       'Missing'
;


value   sex_a_d

0       =       'Weiblich'
1       =       'Männlich'
.       =       'Keine Angabe'
;

value   sex_b

0       =       'Female'
1       =       'Male'
3       =       'Unknown'
.       =        'Missing'
;


value   size_a

1-25    =       '  1 -  25 m2'
26-50   =       ' 26 -  50 m2'
51-75   =       ' 51 -  75 m2'
76-100  =       ' 76 - 100 m2'
101-125 =       '101 - 125 m2'
126-150 =       '126 - 150 m2'
151-175 =       '151 - 175 m2'
176-200 =       '176 - 200 m2'
200-high =      '200+ m2'
.       =        'Missing'
;
```

```
  value   size_b

  0       =       'None'
  1-50    =       '  1 -  50 m2'
 51-100   =       ' 51 - 100 m2'
101-150   =       '101 - 150 m2'
151-200   =       '151 - 200 m2'
200-high  =       '200+ m2'
  .       =        'Missing'
  ;
  value   school_a

  0       =       'None'
  1       =       'Primary'
  2       =       'Obligatory schooling'
  3       =       'Intermediate - 16 years'
  4       =       'Limited Highschool'
  5       =       'Full Highschool'
  6       =       'Full Highschool - East'
  .       =        'Missing'
  ;

  value   school_b

  0-3     =       'No college access'
  4-6     =       'College access'
  .       =       'Missing'
  ;

      value speed

.                 = 'Missing'
0-10              = '0-10km/h'
10.00001 - 20     = '10-20 km/h'
20.00001 - 30     = '20-30 km/h'
30.00001 - 40     = '30-40 km/h'
40.00001 - 50     = '40-50 km/h'
50 - high         = '>50 hm/h'

;


      value   sprach_a

  1     =       'German'
  2     =       'French'
      3     =       'Italian'
  .     =       'Missing'
  ;

      value   sprach_d

  1     =       'Deutsch'
  2     =       'Französisch'
      3     =       'Italienisch'
  .     =       'Keine Angabe'
  ;


   value   stala_d

  1       =       'Grosse Staedte'
  2       =       'kleine/mittlere Städte'
  3       =       'Land'
    .     =       'Keine Angabe'
      ;
```

```
value   status_a

1       =       'Pupil'
2       =       'Student (College/University)'
3       =       'Apprentence'
4       =       'Housemaker'
5       =       'Retiree'
6       =       'Unemployed'
7       =       'Parttime'
8       =       'Fulltime'
9       =       'Selfemployed'
10       =       'HH Member helping'
.       =       'Missing'
        ;

value   status_b

1       =       'Pupil'
2       =       'Student'
3       =       'Apprentice'
4       =       'Housemaker'
5       =       'Retiree'
6       =       'Unemployed'
7       =       'Parttime'
8       =       'Fulltime'
9       =       'Selfemployed'
10       =       'HH Member helping'
.       =       'Missing'
        ;

 value   status_c

1       =       'Pupil'
2       =       'Student'
3       =       'Apprentice'
4       =       'House-maker'
5       =       'Retiree'
6       =       'Unemployed'
7       =       'Part-time'
8       =       'Full-time'
9       =       'Selfem-ployed'
10       =       'HH Member helping'
.       =        'Missing'
        ;

value   status_t

1       =       'Pupil'
2       =       'Student (College/University)'
3       =       'Apprentice'
4       =       'Housemaker'
5       =       'Retiree'
6       =       'Unemployed'
7       =       'Parttime'
8       =       'Fulltime'
9       =       'Self-employed'
10      =       'HH Member helping'
.       =        'Missing'
        ;

value stud_a

0      =       'No student'
1      =        'Student'
.      =        'Missing'
        ;

    value studycod

1      =       'Pretest'
2      =       'Main study'
        ;
```

```
value   t_a

0       =       'None'
1-4     =       '1-4'
5-9     =       '5-9'
10-14   =       '10-14'
15-19   =       '15-19'
20-24   =       '20-24'
25-high =       '25+'
.       =        'Missing'
;

value   t_b

0       =       'None'
1-9     =       '1-9'
10-19   =       '10-19'
20-high =       '20+'
.       =        'Missing'
;

value   tert_a

1       =       'Technical college (FH/PH)'
2       =       'University (Science/Engineering)'
3       =       'University (Arts/Social sciences)'
.       =        'Missing'
0       =        'None'
;


    value temp_a

    -100-0                  =     'Less than zero'
     0.000001-5       =     '  0-5° C'
     5.000001-10      =     ' 5-10° C'
    10.000001-15      =     '10-15° C'
    15.000001-20      =     '15-20° C'
    20.000001-25      =     '20-25° C'
    25.000001-30      =     '25-30° C'
    30.00000-high     =     '  >30° C'
    ;


    value   ti_sec

                0      =       'None'
   0.000001 - 300      =       ' 1 - 5 min'
 300.000001 - 600      =       ' 6 -  10 min'
 600.000001 - 900      =       '11 -  15 min'
 900.000001 - 1200     =       '16 -  20 min'
1200.000001 - 1500     =       '21 -  25 min'
1500.000001 - 1800     =       '26 -  30 min'
1800.000001 - 2100     =       '31 -  35 min'
2100.000001 - 2400     =       '36 -  40 min'
2400.000001 - 2700     =       '41 -  45 min'
2700.000001 - 3000     =       '46 -  50 min'
3000.000001 - 3300     =       '51 -  55 min'
3300.000001 - 3600     =       '56 -  60 min'
3600.000001  -high =        '61+ min'
 .       =       'Missing'
 ;
```

```
    value   times_a

 0        =        'None'
 0.000001 -  5     =        ' 1 -   5 min'
 5.000001 - 10     =        ' 6 -  10 min'
10.000001 - 15     =        '11 -  15 min'
15.000001 - 20     =        '16 -  20 min'
20.00000           =        '21 -  25 min'
25.000001 - 30     =        '26 -  30 min'
30.000001 - 35     =        '31 -  35 min'
35.000001 - 40     =        '36 -  40 min'
40.000001 - 45     =        '41 -  45 min'
45.000001 - 50     =        '46 -  50 min'
50.000001 - 55     =        '51 -  55 min'
55.000001 - 60     =        '56 -  60 min'
60.000001  -high   =        '61+ min'
 .        =        'Missing'
 ;

 value   times_b

 0        =        'None'
 0.000001- 10    =        ' 1 -  10 min'
10.000001- 20    =        '11 -  20 min'
20.000001- 30    =        '21 -  30 min'
30.000001- 40    =        '31 -  40 min'
40.000001- 50    =        '41 -  50 min'
50.000001- 60    =        '51 -  60 min'
60.000001-high   =        '61+ min'
 .        =        'Missing'
 ;

 value   times_c

 0        =        'None'
 1- 15    =        ' 1 -  15 min'
16- 30    =        '16 -  30 min'
31- 45    =        '31 -  45 min'
46- 60    =        '46 -  60 min'
61-high   =        '61+ min'
 .        =        'Missing'
 ;

 value   times_d

 0        =        'None'
 1-2      =        '1-2 h/week'
 3-4      =        '3-4 h/week'
 5-6      =        '5-6 h/week'
 7-10     =        '7-10 h/week'
 11-high  =        '11+ h/week'
  .       =        'Missing'
 ;

 value   times_fr

 0        =        'None'
 1        =        ' 1 min'
 2        =        ' 2 min'
 3        =        ' 3 min'
 4        =        ' 4 min'
 5        =        ' 5 min'
 6- 10    =        ' 6 -  10 min'
11- 15    =        '11 -  15 min'
16-high   =        '16+ min'
 .        =        'Missing'
 ;


 value   t_o_d_a

 1-5      =        'Weekday'
 6        =        'Saturday'
 7        =        'Sunday'
 .        =        'Missing'
 ;
```

```
value   t_o_d_b

1-5     =       'Weekday'
6-7     =       'Weekend'
.       =       'Missing'
;


    value tripsday

    .                   =           'Missing'
    0-1                 =           '0 to 1 trip'
    1.000001-2  =           '1 to 2 trips'
    2.000001-3  =           '2 to 3 trips'
    3.000001-4  =           '3 to 4 trips'
    4-high              =           'More than 4 trips'
    ;

    value user_t_a

1  = 'Female Household'
2  = 'Male Household'
3  = 'Mother'
4  = 'Father'
5  = 'Daughter'
6  = 'Son'
7  = 'Other relation'
.  = 'Missing'
   ;

    value value

     -5 - -4.0000000001          =     '-5 to -4'
     -4 - -3.0000000001          =     '-4 to -3'
     -3 - -2.0000000001          =     '-3 to -2'
     -2 - -1.0000000001          =     '-2 to -1'
     -1 - -0.0000000001          =     '-1 to 0'
      0  - 0.9999999999          =     ' 0 to 1'
      1  - 1.9999999999          =     ' 1 to 2'
      2  - 2.9999999999          =     ' 2 to 3'
      3  - 3.9999999999          =     ' 3 to 4'
      4  - 4.9999999999          =     ' 4 to 5'
    ;

value   veh_t_a

1       =       'Bicycle'
2       =       'Mot. Bicycle'
3       =       'Moped'
4       =       'Motorcycle'
5       =       'Passenger vehicle'
6       =       'Truck'
7       =       'Other'
.       =       'Missing'
        ;

value   veh_t_b

1       =       'Bicycle'
2-4     =       'Motorcycles'
5-6     =       'Vehicles'
7       =       'Other'
.       =       'Missing'
;

value   veh_t_fr

1       =       'Bicycle'
2       =       'Mot. Bicycle'
3       =       'Moped'
4       =       'Motorcycle'
5       =       'Pass. vehicle'
6       =       'Truck'
7       =       'Other'
.       =       'Missing'
        ;
```

```
value   vmt_a

         0       =       'None'
        1-2499   =       '-2499 km'
     2500-4999   =       '-4999 km'
     5000-7499   =       '-7499 km'
     7500-9999   =       '-9999 km'
    10000-12499  =       '-12499 km'
    12500-14999  =       '-14999 km'
    15000-17499  =       '-17499 km'
    17500-19999  =       '-19999 km'
    20000-24999  =       '-24999 km'
    25000-29999  =       '-29999 km'
    30000-high   =       '30000+ km'
        .        =       'Missing'
                 ;


value   vmt_b

        0        =       'None'
        1-4999   =       '-4999 km'
     5000-9999   =       '-9999 km'
    10000-14999  =       '-14999 km'
    15000-19999  =       '-19999 km'
    20000-29999  =       '-29999 km'
    30000-high   =       '30000+ km'
        .        =       'Missing'
                 ;

value   voc_tr_a

1       =       'Apprenticeship'
2       =       'Craft master'
.       =       'Missing'
0       =       'None'
;


value   wave

0       =       '1st wave'
1       =       '2nd wave'
.       =       'Missing'
;

value   week_a


1       =       'Week 1'
2       =       'Week 2'
3       =       'Week 3'
4       =       'Week 4'
5       =       'Week 5'
6       =       'Week 6'
7       =       'Week 7'
8       =       'Week 8'
9       =       'Week 9'
10      =       'Week 10'
.       =       'Missing'
;


value   work_a

0       =       'None'
1       =       'Parttime'
2       =       'Fulltime'
3       =       'Selfemployed'
4       =       'HH Member helping'
.       =       'Missing'
;
```

```
value   work_ad

0,4       =       'Keine Erwerbsarbeit'
1       =       'Teilzeit'
2       =       'Vollzeit'
3       =       'Selbständig'
.       =       'Keine Angabe'
;


value   work_h

0         =       'None'
1-10      =       '1-10 hours/week'
11-20     =       '11-20 hours'
21-30     =       '21-30 hours'
31-40     =       '31-40 hours'
41-50     =       '41-50 hours'
50-high   =       '50+ hours'
.         =       'Missing'
;


value   years_a

0       =       'This year'
1       =       '1 year old'
2       =       '2 years old'
3       =       '3 years old'
4       =       '4 years old'
5       =       '5 years old'
6       =       '6 years old'
7       =       '7 years old'
8-100   =       '8+ years old'
999     =       'Not asked'
.       =       'Missing'
;

 value   years_b

0-5        =       '0-5 year old'
6-10       =       '6-10 years old'
11-15      =       '11-15 years old'
16-20      =       '16-20 years old'
21-25      =       '21-25 years old'
25-30      =       '26-30 years old'
31-35      =       '31-35 years old'
36-40      =       '36-40 years old'
41-high    =       '41+ years old'
.          =       'Missing'
;


  value   years_c

0-10       =       '0-10 years'
11-20      =       '11-20 years '
21-30      =       '21-30 years '
31-40      =       '31-40 years '
41-50      =       '41-50 years '
51-60      =       '51-60 years '
61-70      =       '61-70 years '
71-high    =       '71+ years'
   .       =       'Missing'
   ;
```

```
value   years_d

0-1     =       '1 year '
2       =       '2 years'
3       =       '3 years'
4       =       '4 years'
5       =       '5 years'
6       =       '6 years'
7       =       '7 years'
8-high  =       '8+ years'
.       =       'Missing'
;

 value   years_e

0-5        =       '0-5 years '
6-10       =       '6-10 years '
11-15      =       '11-15 years'
16-20      =       '16-20 years'
21-25      =       '21-25 years'
25-30      =       '26-30 years'
31-35      =       '31-35 years'
36-40      =       '36-40 years'
41-100     =       '41+ years '
999        =       'None'
.          =       'Missing'
;

   value  yn

0       =       'No'
1       =       'Yes'
.       =       'Missing'

         ;

   value  yn_d

0       =       'Nein'
1       =       'Ja'
.       =       'Keine Angabe'

         ;

    value windfor

    .           =           'Missing'
    0           =           'No winds'
    1           =           'Light winds'
    2           =           '"Fresh" winds'
    3           =           'Strong winds'
    ;


run;
```

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