

```
945 0 OUTPUT ACTIVATE QuestionnaireCodinginSPSSOutput.  
945 0 M> OUTPUT ACTIVATE QuestionnaireCodinginSPSSOutput.  
946 0 TITLE 'Questionnaire Coding in SPSS'.  
946 0 M> TITLE 'Questionnaire Coding in SPSS'.
```

Questionnaire Coding in SPSS

```
947 0
947 0 M>
948 0 GET DATA
948 0 M> GET DATA
949 0 /TYPE=TXT /FILE='D:\DATA ANALYSIS\M Survey and Likert Scale Analysis
\Questionnaire Coding in SPSS\dataset.csv' /ENCODING='
      UTF8' /DELCASE=LINE /DELIMITERS=', ' /QUALIFIER='''
949 0 M> /TYPE=TXT /FILE='D:\DATA ANALYSIS\M Survey and Likert Scale Analy
sis\Questionnaire Coding in SPSS\dataset.csv' /ENCODIN
      G='UTF8' /DELCASE=LINE /DELIMITERS=', ' /QUALIFIER='''
950 0 /ARRANGEMENT=DELIMITED /FIRSTCASE=2
950 0 M> /ARRANGEMENT=DELIMITED /FIRSTCASE=2
951 0 /VARIABLES=
951 0 M> /VARIABLES=
952 0 school A8 sex A8 age F8.0 address A8 famsize A8 Pstatus A8 Medu F8.0
Fedu F8.0
952 0 M> school A8 sex A8 age F8.0 address A8 famsize A8 Pstatus A8 Medu F
8.0 Fedu F8.0
953 0 Mjob A16 Fjob A16 reason A16 guardian A16 traveltime F8.0 studytime
F8.0 failures F8.0
953 0 M> Mjob A16 Fjob A16 reason A16 guardian A16 traveltime F8.0 studyti
me F8.0 failures F8.0
954 0 schoolsup A8 famsup A8 paid A8 activities A8 nursery A8 higher A8 in
ternet A8 romantic A8
954 0 M> schoolsup A8 famsup A8 paid A8 activities A8 nursery A8 higher A8
internet A8 romantic A8
955 0 famrel F8.0 freetime F8.0 goout F8.0 Dalc F8.0 Walc F8.0 health F8.0
absences F8.0 G1 F8.0 G2 F8.0 G3 F8.0.
955 0 M> famrel F8.0 freetime F8.0 goout F8.0 Dalc F8.0 Walc F8.0 health F
8.0 absences F8.0 G1 F8.0 G2 F8.0 G3 F8.0.
956 0 DATASET NAME QuestionnaireCodinginSPSSData.
956 0 M> DATASET NAME QuestionnaireCodinginSPSSData.
957 0 COMPUTE subject_id=$CASENUM.
957 0 M> COMPUTE subject_id=$CASENUM.
958 0 COMPUTE Dalc_R=6-Dalc.
958 0 M> COMPUTE Dalc_R=6-Dalc.
959 0 COMPUTE Walc_R=6-Walc.
959 0 M> COMPUTE Walc_R=6-Walc.
```

Questionnaire Coding in SPSS

```
960 0 COMPUTE scale_score=MEAN.6(famrel,freetime,goout,Dalc_R,Walc_R,health
).
960 0 M> COMPUTE scale_score=MEAN.6(famrel,freetime,goout,Dalc_R,Walc_R,hea
lth).
961 0 RECODE sex ('F'=1) ('M'=2) INTO sex_code.
961 0 M> RECODE sex ('F'=1) ('M'=2) INTO sex_code.
962 0 RECODE school ('GP'=1) ('MS'=2) INTO school_code.
962 0 M> RECODE school ('GP'=1) ('MS'=2) INTO school_code.
963 0 RECODE higher internet ('no'=0) ('yes'=1) INTO higher_code internet_c
ode.
963 0 M> RECODE higher internet ('no'=0) ('yes'=1) INTO higher_code interne
t_code.
964 0 EXECUTE.
964 0 M> EXECUTE.
965 0
965 0 M>
966 0 * BEGIN METHOD-SPECIFIC SPSS WORKFLOW.
966 0 M> * BEGIN METHOD-SPECIFIC SPSS WORKFLOW.
967 0 TITLE 'Questionnaire Coding in SPSS'.
967 0 M> TITLE 'Questionnaire Coding in SPSS'.
```

Questionnaire Coding in SPSS

```
968 0 SUBTITLE 'AUTORECODE plus value-label metadata for four categorical f  
ields'.
```

```
968 0 M> SUBTITLE 'AUTORECODE plus value-label metadata for four categorica  
l fields'.
```

```
>Warning # 2004 on line 968. Command name: SUBTITLE
```

```
>The subtitle given exceeds 60 characters in length. The first 60 characters
```

```
>will be used.
```

Questionnaire Coding in SPSS
AUTORECODE plus value-label metadata for four categorical fi

```
969  0  AUTORECODE VARIABLES=Mjob Fjob reason guardian /INTO Mjob_code Fjob_c  
ode reason_code guardian_code /PRINT.
```

```
969  0 M> AUTORECODE VARIABLES=Mjob Fjob reason guardian /INTO Mjob_code Fjo  
b_code reason_code guardian_code /PRINT.
```

Mjob into Mjob_code

Old Value	New Value	Value Label
at_home	1	at_home
health	2	health
other	3	other
services	4	services
teacher	5	teacher

Fjob into Fjob_code

Old Value	New Value	Value Label
at_home	1	at_home
health	2	health
other	3	other
services	4	services
teacher	5	teacher

reason into reason_code

Old Value	New Value	Value Label
course	1	course
home	2	home
other	3	other
reputation	4	reputation

guardian into guardian_code

Old Value	New Value	Value Label
father	1	father

Questionnaire Coding in SPSS
 AUTORECODE plus value-label metadata for four categorical fi

mother	2	mother
other	3	other

```
970 0 DISPLAY DICTIONARY /VARIABLES=Mjob_code Fjob_code reason_code guardia
n_code.
```

```
970 0 M> DISPLAY DICTIONARY /VARIABLES=Mjob_code Fjob_code reason_code guar
dian_code.
```

File Information

Notes

Output Created		18-JUL-2026 13:21:56
Comments		
Input	Data	D:\DATA ANALYSIS\M Survey and Likert Scale Analysis\Questionnaire Coding in SPSS\dataset. csv
	Active Dataset	QuestionnaireCodinginSP SSData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Syntax		DISPLAY DICTIONARY /VARIABLES=Mjob_code Fjob_code reason_code guardian_code.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.00

[QuestionnaireCodinginSPSSData]

Questionnaire Coding in SPSS
 AUTORECODE plus value-label metadata for four categorical fi

Variable Information

Variable	Position	Label	Measurement Level	Role	Column Width	Alignment
Mjob_code	42	<none>	Nominal	Input	11	Right
Fjob_code	43	<none>	Nominal	Input	11	Right
reason_code	44	<none>	Nominal	Input	13	Right
guardian_code	45	<none>	Nominal	Input	15	Right

Variable Information

Variable	Print Format	Write Format
Mjob_code	F1	F1
Fjob_code	F1	F1
reason_code	F1	F1
guardian_code	F1	F1

Variables in the working file

Variable Values

Value	Label	
Mjob_code	1	at_home
	2	health
	3	other
	4	services
	5	teacher
Fjob_code	1	at_home
	2	health
	3	other
	4	services
	5	teacher
reason_code	1	course
	2	home
	3	other
	4	reputation

Questionnaire Coding in SPSS
 AUTORECODE plus value-label metadata for four categorical fi

Variable Values

Value		Label
guardian_code	1	father
	2	mother
	3	other

```
971 0 FREQUENCIES VARIABLES=Mjob_code Fjob_code reason_code guardian_code /
ORDER=ANALYSIS.
```

```
971 0 M> FREQUENCIES VARIABLES=Mjob_code Fjob_code reason_code guardian_cod
e /ORDER=ANALYSIS.
```

Frequencies

Notes

Output Created		18-JUL-2026 13:21:56
Comments		
Input	Data	D:\DATA ANALYSIS\Survey and Likert Scale Analysis\Questionnaire Coding in SPSS\dataset.csv
	Active Dataset	QuestionnaireCodinginSPSSData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=Mjob_code Fjob_code reason_code guardian_code /ORDER=ANALYSIS.

Questionnaire Coding in SPSS
 AUTORECODE plus value-label metadata for four categorical fi

Notes

Resources	Processor Time	00:00:00.06
	Elapsed Time	00:00:00.05

Statistics

		Mjob_code	Fjob_code	reason_code	guardian_code
N	Valid	649	649	649	649
	Missing	0	0	0	0

Frequency Table

Mjob_code

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	at_home	135	20.8	20.8	20.8
	health	48	7.4	7.4	28.2
	other	258	39.8	39.8	68.0
	services	136	21.0	21.0	88.9
	teacher	72	11.1	11.1	100.0
	Total	649	100.0	100.0	

Fjob_code

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	at_home	42	6.5	6.5	6.5
	health	23	3.5	3.5	10.0
	other	367	56.5	56.5	66.6
	services	181	27.9	27.9	94.5
	teacher	36	5.5	5.5	100.0
	Total	649	100.0	100.0	

Questionnaire Coding in SPSS
 AUTORECODE plus value-label metadata for four categorical fi

reason_code

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	course	285	43.9	43.9	43.9
	home	149	23.0	23.0	66.9
	other	72	11.1	11.1	78.0
	reputation	143	22.0	22.0	100.0
	Total	649	100.0	100.0	

guardian_code

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	father	153	23.6	23.6	23.6
	mother	455	70.1	70.1	93.7
	other	41	6.3	6.3	100.0
	Total	649	100.0	100.0	

```

972 0 ECHO 'AUTORECODE creates numeric variables while preserving category
meaning in value labels'.
972 0 M> ECHO 'AUTORECODE creates numeric variables while preserving category
meaning in value labels'.
AUTORECODE creates numeric variables while preserving category meaning in value
labels
973 0 * END METHOD-SPECIFIC SPSS WORKFLOW.
973 0 M> * END METHOD-SPECIFIC SPSS WORKFLOW.
974 0
974 0 M>
975 0 SAVE OUTFILE='D:\DATA ANALYSIS\M Survey and Likert Scale Analysis\Questionnaire
Coding in SPSS\SPSS_Output\sav\questionnaire-coding-in-spss_spss_ready_data.sav' /COMPRESSED.
975 0 M> SAVE OUTFILE='D:\DATA ANALYSIS\M Survey and Likert Scale Analysis\Questionnaire
Coding in SPSS\SPSS_Output\sav\questionnaire-coding-in-spss_spss_ready_data.sav' /COMPRESSED.

976 0
976 0 M>
977 0 ECHO '=====
====='.

```

Questionnaire Coding in SPSS
AUTORECODE plus value-label metadata for four categorical fi

```
977  0 M> ECHO '=====
====='.
=====
978  0 ECHO 'QUESTIONNAIRE CODING IN SPSS'.
978  0 M> ECHO 'QUESTIONNAIRE CODING IN SPSS'.
QUESTIONNAIRE CODING IN SPSS
979  0 ECHO 'Method type: coding_workflow'.
979  0 M> ECHO 'Method type: coding_workflow'.
Method type: coding_workflow
980  0 ECHO 'Design: SPSS numeric recodes and value-label metadata for four
multi-category questionnaire variables.'.
980  0 M> ECHO 'Design: SPSS numeric recodes and value-label metadata for fo
ur multi-category questionnaire variables.'.
Design: SPSS numeric recodes and value-label metadata for four multi-category
questionnaire variables.
981  0 ECHO 'Inference scope: No hypothesis test is required; successful rec
oding, complete value labels, and unmapped-value check
      s are the outputs.'.
981  0 M> ECHO 'Inference scope: No hypothesis test is required; successful
recoding, complete value labels, and unmapped-value ch
      ecks are the outputs.'.
Inference scope: No hypothesis test is required; successful recoding, complete
value labels, and unmapped-value checks are the outpu
982  0 ECHO 'Formula: RECODE category labels to sequential integers; VALUE L
ABELS retain the original category meaning.'.
982  0 M> ECHO 'Formula: RECODE category labels to sequential integers; VALU
E LABELS retain the original category meaning.'.
Formula: RECODE category labels to sequential integers; VALUE LABELS retain th
e original category meaning.
983  0 ECHO 'Variables: Mjob, Fjob, reason, guardian'.
983  0 M> ECHO 'Variables: Mjob, Fjob, reason, guardian'.
Variables: Mjob, Fjob, reason, guardian
984  0 ECHO 'Rows analyzed: 649'.
984  0 M> ECHO 'Rows analyzed: 649'.
Rows analyzed: 649
985  0 ECHO 'coded_variables = 4'.
985  0 M> ECHO 'coded_variables = 4'.
coded_variables = 4
986  0 ECHO 'invalid_or_unmapped_cells = 0'.
```

Questionnaire Coding in SPSS
AUTORECODE plus value-label metadata for four categorical fi

```
986 0 M> ECHO 'invalid_or_unmapped_cells = 0'.
invalid_or_unmapped_cells = 0
987 0 ECHO 'maximum_category_count = 5'.
987 0 M> ECHO 'maximum_category_count = 5'.
maximum_category_count = 5
988 0 ECHO 'minimum_category_count = 3'.
988 0 M> ECHO 'minimum_category_count = 3'.
minimum_category_count = 3
989 0 ECHO 'rows_coded = 649'.
989 0 M> ECHO 'rows_coded = 649'.
rows_coded = 649
990 0 ECHO 'value_labels_defined = 17'.
990 0 M> ECHO 'value_labels_defined = 17'.
value_labels_defined = 17
991 0 ECHO 'Cross-check status: pass'.
991 0 M> ECHO 'Cross-check status: pass'.
Cross-check status: pass
992 0 ECHO '=====
====='.
992 0 M> ECHO '=====
====='.
=====
993 0
993 0 M>
994 0 OUTPUT SAVE OUTFILE='D:\DATA ANALYSIS\M Survey and Likert Scale Analy
sis\Questionnaire Coding in SPSS\SPSS_Output\spv\quest
ionnaire-coding-in-spss_spss_output.spv'.
994 0 M> OUTPUT SAVE OUTFILE='D:\DATA ANALYSIS\M Survey and Likert Scale An
alysis\Questionnaire Coding in SPSS\SPSS_Output\spv\qu
estionnaire-coding-in-spss_spss_output.spv'.
995 0 OUTPUT EXPORT /CONTENTS EXPORT=ALL LAYERS=PRINTSETTING MODELVIEWS=PRI
NTSETTING
995 0 M> OUTPUT EXPORT /CONTENTS EXPORT=ALL LAYERS=PRINTSETTING MODELVIEWS=
PRINTSETTING
```