

Questionnaire Coding in SPSS

Standalone verified Python analysis

Method: Questionnaire Coding in SPSS

Method type: coding_workflow

Design: SPSS numeric recodes and value-label metadata for four multi-category questionnaire variables.

Variables: Mjob, Fjob, reason, guardian

Inference scope: No hypothesis test is required; successful recoding, complete value labels, and unmapped-value checks are the outputs.

Formula: RECODE category labels to sequential integers; VALUE LABELS retain the original category meaning.

Source rows: 649

Calculated metrics:

rows_coded: 649

coded_variables: 4

value_labels_defined: 17

invalid_or_unmapped_cells: 0

maximum_category_count: 5

minimum_category_count: 3

Independent reference values:

rows_coded: 649

coded_variables: 4

value_labels_defined: 17

invalid_or_unmapped_cells: 0

maximum_category_count: 5

minimum_category_count: 3

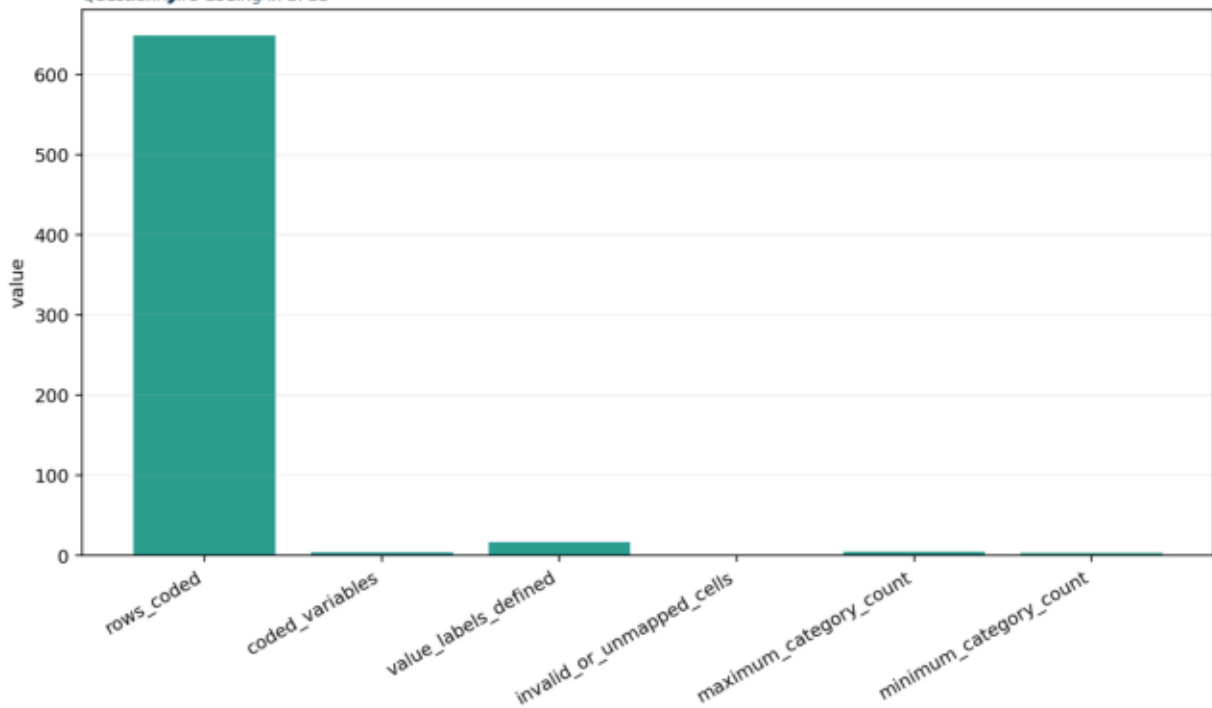
Interpretation:

Sequential SPSS codes are accompanied by complete VALUE LABELS metadata.

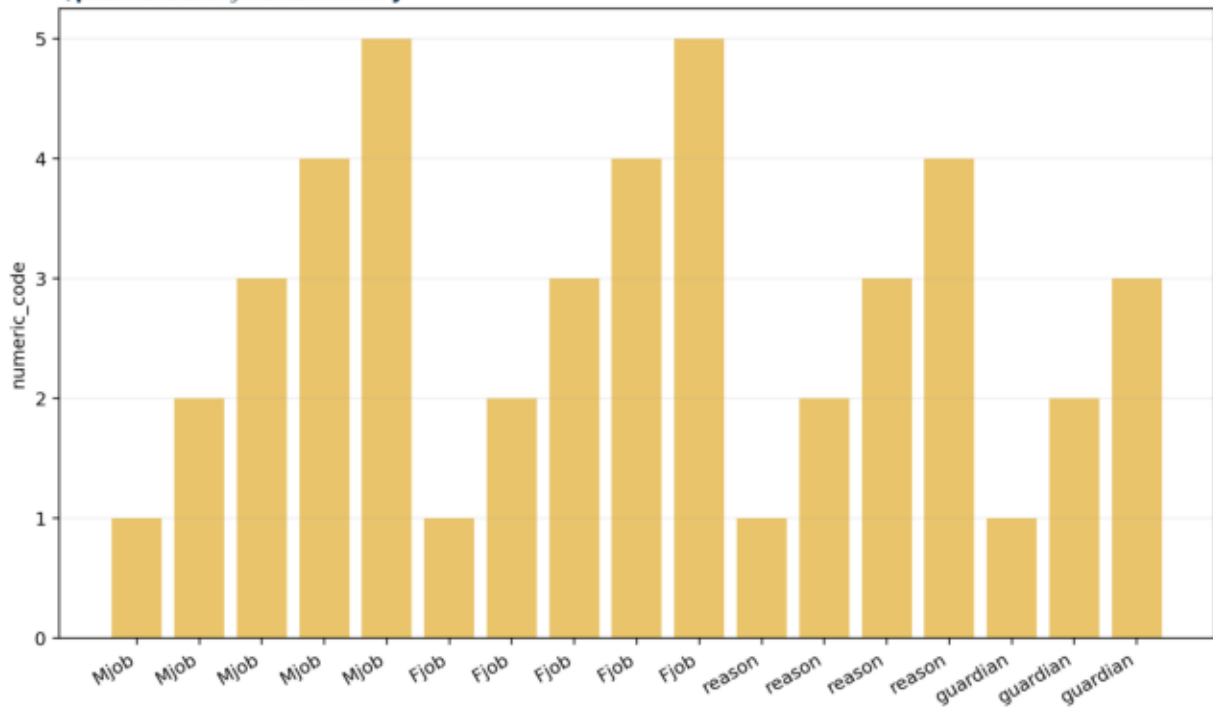
Defined 17 value labels with zero unmapped cells.

Primary Metrics

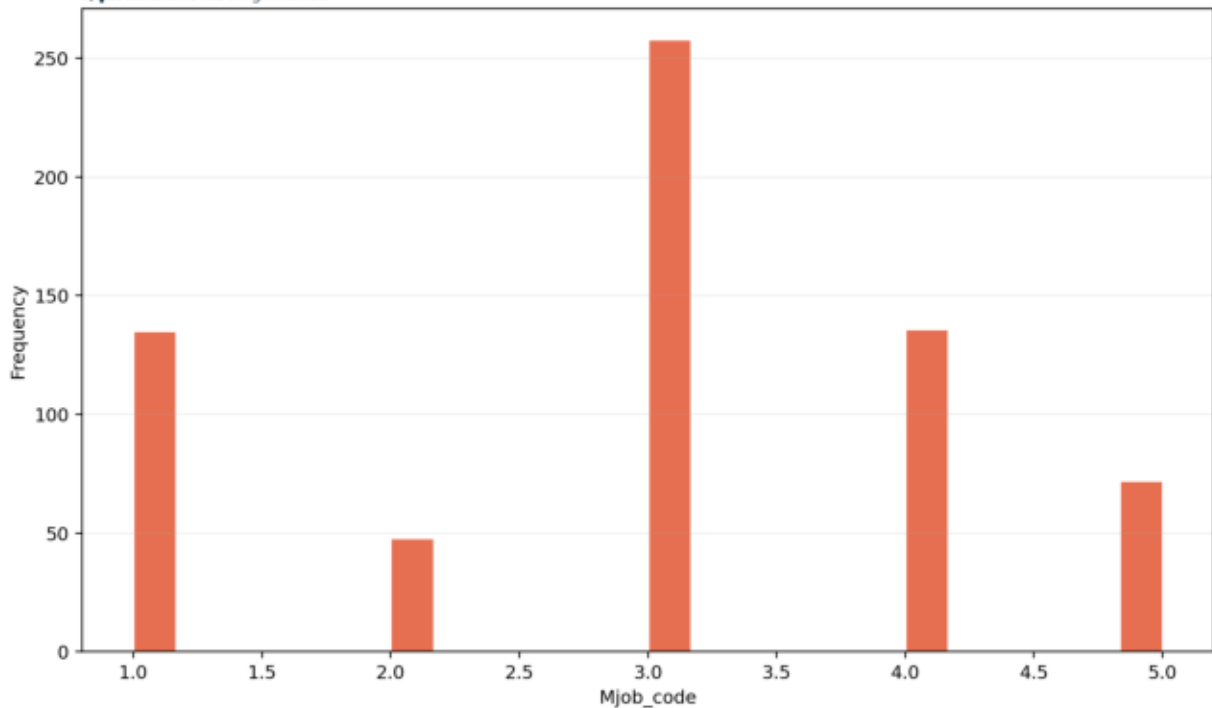
Quality Metrics from SPSS



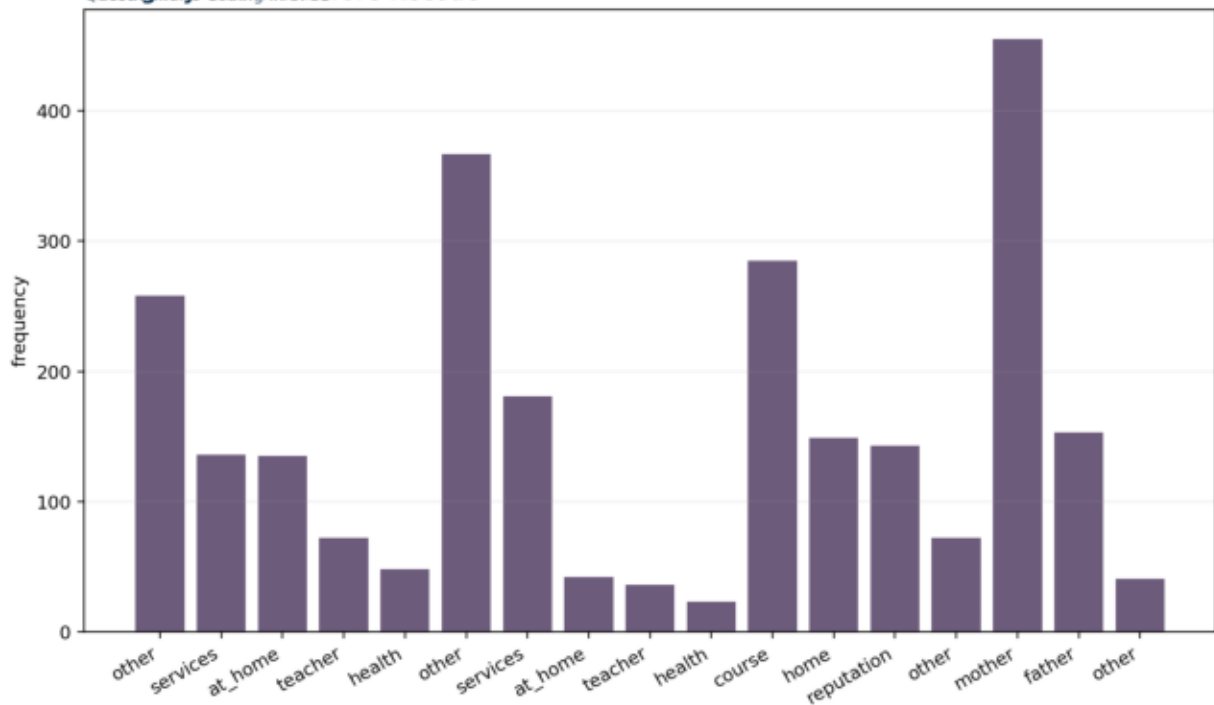
Spss Value Label Dictionary



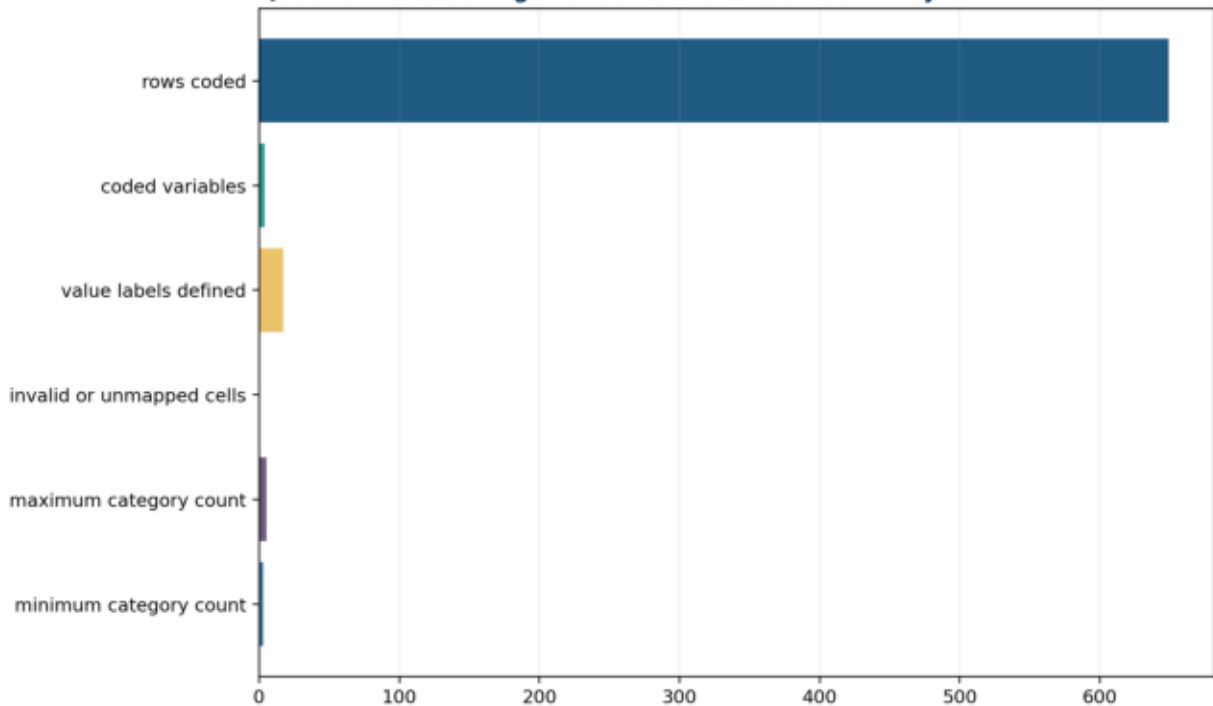
Spss Coded Preview



Category Counts Before Recode



Questionnaire Coding in SPSS verified result summary



Primary Metrics

metric	value
rows_coded	649
coded_variables	4
value_labels_defined	17
invalid_or_unmapped_cells	0
maximum_category_count	5
minimum_category_count	3

Spss Value Label Dictionary

variable	source_value	numeric_code	value_label
Mjob	at_home	1	at_home
Mjob	health	2	health
Mjob	other	3	other
Mjob	services	4	services
Mjob	teacher	5	teacher
Fjob	at_home	1	at_home
Fjob	health	2	health
Fjob	other	3	other
Fjob	services	4	services
Fjob	teacher	5	teacher
reason	course	1	course
reason	home	2	home
reason	other	3	other
reason	reputation	4	reputation
guardian	father	1	father
guardian	mother	2	mother
guardian	other	3	other

Spss Coded Preview

Mjob_code	Fjob_code	reason_code	guardian_code
1	5	1	2
1	3	1	1
1	3	3	2
2	4	2	2
3	3	2	1
4	3	4	2
3	3	2	2
3	5	2	2
4	3	2	2
3	3	2	2
5	2	4	2
4	3	4	1
2	4	1	1
5	3	1	2
3	3	2	3
2	3	2	2
4	4	4	2
3	3	4	2
4	4	1	2
2	3	2	1
5	3	4	2
2	2	3	1
5	3	1	2
3	3	4	2
4	2	1	2
4	4	2	2

Category Counts Before Recode

source_value	frequency	variable
other	258	Mjob
services	136	Mjob
at_home	135	Mjob
teacher	72	Mjob
health	48	Mjob
other	367	Fjob
services	181	Fjob
at_home	42	Fjob
teacher	36	Fjob
health	23	Fjob
course	285	reason
home	149	reason
reputation	143	reason
other	72	reason
mother	455	guardian
father	153	guardian
other	41	guardian