

Codebook students

DAB Panel Study

ID, survey weights, school track & grades

Survey waves 1-3

Version: 5.0 (December 2021)

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Overview of key concepts

Number	Concept
	General part
1	Identification ID-student, ID-class, ID-canton, commune type, commune number
2	Survey weights Strata, PSU, FPC, survey weights W1 - W3
3	Sociodemographic characteristics Gender, month of birth, year of birth
4	School track & grades Overall school track 7th/8th/9th grade, grades in German and mathematics in 7th/8th/9th grade, attended level in German and mathematics 8th/9th grade, score <i>Stellwerk</i> (performance test) in German and mathematics 8th/9th grade

1 Identification

Variable	code	ID-student
Variable	class	ID-class
Variable	canton	ID-canton
Variable	msregion	MS-region of the school, based on the classification by the Federal Statistical Office (2013)
Variable	communetyp	Commune type (9 levels) of the school, based on the Swiss official commune register by the Federal Statistical Office (2013)
Variable	communenr	Commune number of the school, based on the Swiss official commune register by the Federal Statistical Office (2013)

2 Survey weights

Variable	stratum	Stratum of sample
Variable	Nstratum	Number of classes within stratum
Variable	nstratum	Number of classes drawn and realized within stratum
Variable	psu	Primary sampling unit
Variable	fpc	Finite population correction
Variable	t1p	Probability of participation W1
Variable	t1weight	Survey weight W1
Variable	t1weight_g	Survey weight W1 (truncated)
Variable	t1weight_k	Survey weight W1 (calibrated)
Variable	t2p	Probability of participation W2
Variable	t2weight	Survey weight W2
Variable	t2weight_g	Survey weight W2 (truncated)
Variable	t2weight_k	Survey weight W2 (calibrated)
Variable	t3p	Probability of participation W3
Variable	t3weight	Survey weight W3
Variable	t3weight_g	Survey weight W3 (truncated)
Variable	t3weight_k	Survey weight W3 (calibrated)

The survey weight of the wave, of which variables are used in the analyses, is to be used. To specify the survey design in Stata for analyses based on data from waves 1-3, for example, the following code is proposed (also see help svyset):

```
svyset psu [pweight=t3weight], strata(stratum) fpc(fpc) // optional: singleunit(centered)
```

3 Sociodemographic characteristics

Variable	gndr	Student's gender
Scale		1 male 2 female
Variable	birthm	Month of birth
Variable	birthy	Year of birth

4 School track & grades

7th grade

Variable	t1sektyp7	Overall school track 7th grade
Scale		1 Basic requirements (Real) 2 Advanced requirements (Sek) 3 Academic track (long-term baccalaureate school, etc.) 4 Without selection, reduced educational objectives (Werkschule, Reduzierte Lernziele (Rilz))
Variable	t1deniveau7	Attended level in "German", 7th grade
Scale		0 No levels 1 Basic requirements 2 Advanced requirements 3 Academic track (long-term baccalaureate school, etc.) 4 Without selection, reduced educational objectives (Werkschule, Reduzierte Lernziele (Rilz))
Variable	t1mathniveau7	Attended level in "mathematics", 7th grade
Scale		0 No levels 1 Basic requirements 2 Advanced requirements 3 Academic track (long-term baccalaureate school, etc.) 4 Without selection, reduced educational objectives (Werkschule, Reduzierte Lernziele (Rilz))
Variable	t1demark7	Grade in German, 7th grade
Variable	t1mathmark7	Grade in mathematics, 7th grade

8th grade (fall semester)		
Variable Scale	t2sektyp8_hs	Overall school track 8th grade (fall semester) 1 Basic requirements (Real) 2 Advanced requirements (Sek) 3 Academic track (long-term baccalaureate school, etc.) 4 Without selection, reduced educational objectives (Werkschule, Reduzierte Lernziele (Rilz))
Variable Scale	t2deniveau8_hs	Attended level in "German", 8th grade (fall semester) 1 A (most demanding level) 2 B (intermediate level) 3 C (lowest level) 9 Reduced educational objectives (Rilz)
Variable Scale	t2mathniveau8_hs	Attended level in "mathematics", 8th grade (fall semester) 1 A (most demanding level) 2 B (intermediate level) 3 C (lowest level) 9 Reduced educational objectives (Rilz)
Variable	t2demark8_hs	Grade in German, 8th grade (fall semester)
Variable	t2mathmark8_hs	Grade in mathematics, 8th grade (fall semester)
8th grade (spring semester)		
Variable Scale	t2sektyp8_fs	Overall school track 8th grade (spring semester) 1 Basic requirements (Real) 2 Advanced requirements (Sek) 3 Academic track (long-term baccalaureate school, etc.) 4 Without selection, reduced educational objectives (Werkschule, Reduzierte Lernziele (Rilz))
Variable Scale	t2deniveau8_fs	Attended level in "German", 8th grade (spring semester) 1 A (most demanding level) 2 B (intermediate level) 3 C (lowest level) 9 Reduced educational objectives (Rilz)
Variable Scale	t2mathniveau8_fs	Attended level in "mathematics", 8th grade (spring semester) 1 A (most demanding level) 2 B (intermediate level) 3 C (lowest level) 9 Reduced educational objectives (Rilz)
Variable	t2demark8_fs	Grade in German, 8th grade (spring semester)
Variable	t2mathmark8_fs	Grade in mathematics, 8th grade (spring semester)
9th grade (fall semester)		
Variable Scale	t3sektyp9_hs	Overall school track 9th grade (fall semester) 1 Basic requirements (Real) 2 Advanced requirements (Sek) 3 Academic track (long-term baccalaureate school, etc.) 4 Without selection, reduced educational objectives (Werkschule, Reduzierte Lernziele (Rilz))
Variable Scale	t3deniveau9_hs	Attended level in "German", 9th grade (fall semester) 1 A (most demanding level) 2 B (intermediate level) 3 C (lowest level) 9 Reduced educational objectives (Rilz)
Variable Scale	t3mathniveau9_hs	Attended level in "mathematics", 9th grade (fall semester) 1 A (most demanding level) 2 B (intermediate level) 3 C (lowest level) 9 Reduced educational objectives (Rilz)
Variable	t3demark9_hs	Grade in German, 9th grade (fall semester)
Variable	t3mathmark9_hs	Grade in mathematics, 9th grade (fall semester)
9th grade (spring semester)		
Variable Scale	t3sektyp9_fs	Overall school track 9th grade (spring semester) 1 Basic requirements (Real) 2 Advanced requirements (Sek) 3 Academic track (long-term baccalaureate school, etc.) 4 Without selection, reduced educational objectives (Werkschule, Reduzierte Lernziele (Rilz))
Variable Scale	t3deniveau9_fs	Attended level in "German", 9th grade (spring semester) 1 A (most demanding level) 2 B (intermediate level) 3 C (lowest level) 9 Reduced educational objectives (Rilz)
Variable Scale	t3mathniveau9_fs	Attended level in "mathematics", 9th grade (spring semester) 1 A (most demanding level) 2 B (intermediate level) 3 C (lowest level) 9 Reduced educational objectives (Rilz)
Variable	t3demark9_fs	Grade in German, 9th grade (spring semester)
Variable	t3mathmark9_fs	Grade in mathematics, 9th grade (spring semester)

Stellwerk German and mathematics (8th/9th grade)

Variable	t3stellwerk8de	Stellwerk 8th grade: German
Variable	t3stellwerk8math	Stellwerk 8th grade: mathematics
Variable	t3stellwerk9de	Stellwerk 9th grade: German
Variable	t3stellwerk9math	Stellwerk 9th grade: mathematics