

Forschungsdatenzentrum am IQB, Berlin - List of variables

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
schule	school code	** numeric variable, but no labels **	
klasse	unique class identification variable	** numeric variable, but no labels **	
id	consecutive number maths	** numeric variable, but no labels **	
klasco	class code 2-digit	** numeric variable, but no labels **	
s_code	student code	** keine numerische Variable **	** non-numeric variable **
subcode	additional code in event of code errors	** keine numerische Variable **	** non-numeric variable **
nstest		** numeric variable, but no labels **	
tversion	maths test version	** numeric variable, but no labels **	
bildgang	educational background	** numeric variable, but no labels **	
testform	test form	** numeric variable, but no labels **	
gruppe	combined: type of school nested in educational background	** numeric variable, but no labels **	
bindif_f	filter variable to eliminate internally differentiated classes	** numeric variable, but no labels **	
n_mtest	test participation	** numeric variable, but no labels **	
note		** numeric variable, but no labels **	
pcgesamt	overall score; percent correct	** numeric variable, but no labels **	
pcvorw	previous knowledge score; percent correct	** numeric variable, but no labels **	
ptimss	TIMSS score; percent correct	** numeric variable, but no labels **	
pccu	curriculum score; percent correct	** numeric variable, but no labels **	
pcfd	fundamentum score; percent correct	** numeric variable, but no labels **	
pcadd	additum score; percent correct	** numeric variable, but no labels **	
pcstat	statistics score; percent correct	** numeric variable, but no labels **	
pcglei	equations score; percent correct	** numeric variable, but no labels **	

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Variablen-ID	Variable Label	Value	Value Label
pcgeom	geometry score; percent correct	** numeric variable, but no labels **	
pcsach	arithmetic score; percent correct	** numeric variable, but no labels **	
pckong	congruence illustrations score; percent correct	** numeric variable, but no labels **	
pcfunk	functions score; percent correct	** numeric variable, but no labels **	
rsgesamt	overall score; Rasch 700-100	** numeric variable, but no labels **	
zrsgesamt	z-value(rsgesamt)	** numeric variable, but no labels **	
rsvorw	previous knowledge score; Rasch 300-50	** numeric variable, but no labels **	
zrsvorw	z-value(rsvorw)	** numeric variable, but no labels **	
rstimss	TIMSS score; Rasch 300-50	** numeric variable, but no labels **	
zrstimss	z-value(rstimss)	** numeric variable, but no labels **	
rscu	curriculum score; Rasch 300-50	** numeric variable, but no labels **	
zrscu	z-value(rscu)	** numeric variable, but no labels **	
rsfd	fundamentum score; Rasch 300-50	** numeric variable, but no labels **	
zrsfd	z-value(rsfd)	** numeric variable, but no labels **	
rsadd	additum score; Rasch 300-50	** numeric variable, but no labels **	
zrsadd	z-value(rsadd)	** numeric variable, but no labels **	
rsstat	statistics score; Rasch 300-50	** numeric variable, but no labels **	
zrsstat	z-value(rsstat)	** numeric variable, but no labels **	
rsglei	equations score; Rasch 300-50	** numeric variable, but no labels **	
zrsglei	z-value(rsglei)	** numeric variable, but no labels **	
rsgeom	geometry score; Rasch 300-50	** numeric variable, but no labels **	
zrsgeom	z-value(rsgeom)	** numeric variable, but no labels **	
rssach	arithmetic score; Rasch 300-50	** numeric variable, but no labels **	
zrssach	z-value(rssach)	** numeric variable, but no labels **	
rskong	congruence illustration score; Rasch 300-50	** numeric variable, but no labels **	
zrskong	z-value(rskong)	** numeric variable, but no labels **	

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Variablen-ID	Variable Label	Value	Value Label
rsfunk	functions score; Rasch 300-50	** numeric variable, but no labels **	
zrsfunk	z-value(rsfunk)	** numeric variable, but no labels **	
rstimsso	TIMSS score original: Rasch 500-100	** numeric variable, but no labels **	
id1_sr	consecutive number version 1: scan order	** numeric variable, but no labels **	
id2_sr	consecutive number version 2: scan order	** numeric variable, but no labels **	
id3_sr	consecutive number version 3: scan order	** numeric variable, but no labels **	
id4_sr	consecutive number version 4: scan order	** numeric variable, but no labels **	
id5_sr	consecutive number version 5: scan order	** numeric variable, but no labels **	
id6_sr	consecutive number version 6: scan order	** numeric variable, but no labels **	
id7_sr	consecutive number version 7: scan order	** numeric variable, but no labels **	
id8_sr	consecutive number version 8: scan order	** numeric variable, but no labels **	
mitc004	FD 29a	** numeric variable, but no labels **	
mitc006	FD 34	** numeric variable, but no labels **	
mitc007	FD 35a	** numeric variable, but no labels **	
mitc012	FD 40	** numeric variable, but no labels **	
mitc015	FD 43a	** numeric variable, but no labels **	
mitc017	FD 64c	** numeric variable, but no labels **	
mitc020	FD 85	** numeric variable, but no labels **	
mitc021	FD 86	** numeric variable, but no labels **	
mitc023	FD 97G1	** numeric variable, but no labels **	
mitc027	FD 103-11	** numeric variable, but no labels **	
mitc030	FD A1-2	** numeric variable, but no labels **	
mitc040	AD-GY 12b	** numeric variable, but no labels **	
mitc042	AD-GY 15	** numeric variable, but no labels **	
mitc044	AD-GY 17	** numeric variable, but no labels **	
mitc047	AD-GY 33	** numeric variable, but no labels **	
mitc051	AD-GY 63	** numeric variable, but no labels **	
mitc054	AD-GY 67	** numeric variable, but no labels **	

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Variablen-ID	Variable Label	Value	Value Label
mitc055	AD-GY 68	** numeric variable, but no labels **	
mitc057	AD-GY 94	** numeric variable, but no labels **	
mitc058	AD-GY 98-G2	** numeric variable, but no labels **	
mitc059	AD-GY 99-G1	** numeric variable, but no labels **	
mitc061	AD-GY 100	** numeric variable, but no labels **	
mitc063	AD-GY 101-3	** numeric variable, but no labels **	
mitc065	AD-GY 108	** numeric variable, but no labels **	
mitc067	AD-GY 110	** numeric variable, but no labels **	
mitc070	AD-GY 121	** numeric variable, but no labels **	
mitc071	AD-GY 123	** numeric variable, but no labels **	
mitc073	SM-RS-GY 5	** numeric variable, but no labels **	
mitc079	SM-RS-GY 66b	** numeric variable, but no labels **	
mitc084	SM-RS-GY 122	** numeric variable, but no labels **	
mitc086	AD-RS 81	** numeric variable, but no labels **	
mitc087	AD-RS 82	** numeric variable, but no labels **	
mitc088	AD-RS 83	** numeric variable, but no labels **	
mitc089	AD-RS RS1	** numeric variable, but no labels **	
mitc090	AD-RS RS2	** numeric variable, but no labels **	
mitc096	AD-RS RS8	** numeric variable, but no labels **	
mitc097	AD-RS RS9	** numeric variable, but no labels **	
mitc098	AD-RS RS10	** numeric variable, but no labels **	
mitc099	AD-RS RS11	** numeric variable, but no labels **	
mitc100	AD-RS RS12	** numeric variable, but no labels **	
mitc107	SM-HS-RS 57b	** numeric variable, but no labels **	
mitc108	SM-HS-RS 71	** numeric variable, but no labels **	
mitc114	AD-HS 103-13	** numeric variable, but no labels **	
mitc118	AD-HS 103-19	** numeric variable, but no labels **	
mitc120	AD-HS H13	** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
mitc121	AD-HS H15	** numeric variable, but no labels **	
mitc125	AD-HS H34	** numeric variable, but no labels **	
mitc126	AD-HS H35	** numeric variable, but no labels **	
mitc127	AD-HS H36	** numeric variable, but no labels **	
mitc128	AD-HS H39	** numeric variable, but no labels **	
mitc130	AD-HS H45	** numeric variable, but no labels **	
mitc131	AD-HS H49	** numeric variable, but no labels **	
mitc133	AD-HS H51	** numeric variable, but no labels **	
mitc136	AD-HS 92	** numeric variable, but no labels **	
mitc139	AD-HS 103-14	** numeric variable, but no labels **	
mitc141	AD-HS H7b	** numeric variable, but no labels **	
mitc144	AD-HS H18	** numeric variable, but no labels **	
mitc145	AD-HS H19	** numeric variable, but no labels **	
mitc152	AD-HS H48	** numeric variable, but no labels **	
mitc155	AD-HS 102-2	** numeric variable, but no labels **	
mitc156	AD-HS 102-3	** numeric variable, but no labels **	
mitc159	AD-HS H6	** numeric variable, but no labels **	
mitc161	AD-HS H8b	** numeric variable, but no labels **	
mitc163	AD-HS H11	** numeric variable, but no labels **	
mitc165	AD-HS H22	** numeric variable, but no labels **	
mitc166	AD-HS H23	** numeric variable, but no labels **	
mitc167	AD-HS H28	** numeric variable, but no labels **	
mitc168	AD-HS H29	** numeric variable, but no labels **	
mitc169	AD-HS H30	** numeric variable, but no labels **	
mitc170	AD-HS H32	** numeric variable, but no labels **	
mitc171	AD-HS H40	** numeric variable, but no labels **	
mitc172	AD-HS H42	** numeric variable, but no labels **	
mitc173	AD-HS H43	** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
mitt022	TIMSS 22	** numeric variable, but no labels **	
mitt024	TIMSS 24	** numeric variable, but no labels **	
mitt037	TIMSS 37	** numeric variable, but no labels **	
mitt041	TIMSS 41	** numeric variable, but no labels **	
mitt046	TIMSS 46	** numeric variable, but no labels **	
mitt055	TIMSS 55	** numeric variable, but no labels **	
mitt070	TIMSS 70	** numeric variable, but no labels **	
mitt075	TIMSS 75	** numeric variable, but no labels **	
mitt085	TIMSS 85	** numeric variable, but no labels **	
mitt092	TIMSS 92	** numeric variable, but no labels **	
mitt097	TIMSS 97	** numeric variable, but no labels **	
mitt116	TIMSS 116	** numeric variable, but no labels **	
mitt120	TIMSS 120	** numeric variable, but no labels **	
mitt126	TIMSS 126	** numeric variable, but no labels **	
mitt129	TIMSS 129	** numeric variable, but no labels **	
schueler	consecutive student number	** numeric variable, but no labels **	
schulart		** numeric variable, but no labels **	
nachtest		** keine numerische Variable **	** non-numeric variable **
sgebj	In what year were you born?	** numeric variable, but no labels **	
sgeschl	Are you a girl or a boy?	** numeric variable, but no labels **	
sherk	Were you born in Germany?	** numeric variable, but no labels **	
szuwa	How old were you when you came to Germany?	** numeric variable, but no labels **	
sprach1	What language do you most often speak yourself at home?	** numeric variable, but no labels **	
sprach2	In what language can you write best?	** numeric variable, but no labels **	
sprach3	What language does your mother most often speak?	** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
sprach4	What language does your father most often speak?	** numeric variable, but no labels **	
eltspra	Do at least one of your parents prefer speaking German?	** numeric variable, but no labels **	
sbrbes1	What have you got at home? Computer (PC)	** numeric variable, but no labels **	
sbrbes2	What have you got at home? Fax machine	** numeric variable, but no labels **	
sbrbes3	What have you got at home? Internet connection	** numeric variable, but no labels **	
sbrbes4	What have you got at home? Encyclopaedia	** numeric variable, but no labels **	
sbrbes5	What have you got at home? Volumes of poetry	** numeric variable, but no labels **	
sbrbes6	What have you got at home? Musical instrument	** numeric variable, but no labels **	
sbrbes7	What have you got at home? Artworks	** numeric variable, but no labels **	
slernum1	What is available at home? Own room	** numeric variable, but no labels **	
slernum2	What is available at home? Own desk	** numeric variable, but no labels **	
slernum3	What is available at home? Own calculator	** numeric variable, but no labels **	
slernum4	What is available at home? Own computer (PC)	** numeric variable, but no labels **	
slernum5	What is available at home? Share computer with brothers and sisters	** numeric variable, but no labels **	
slekt1	Regular reading? Local daily paper	** numeric variable, but no labels **	
slekt2	Regular reading? National daily paper	** numeric variable, but no labels **	
slekt3	Regular reading? BILD newspaper	** numeric variable, but no labels **	
slekt4	Regular reading? Weekly newspaper	** numeric variable, but no labels **	
slekt5	Regular reading? SPIEGEL or FOCUS	** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
sab_vat	highest school-leaving qualification of father	** numeric variable, but no labels **	
sab_mut	highest school-leaving qualification of mother	** numeric variable, but no labels **	
sinschu	Since when have you been at your present school?	** numeric variable, but no labels **	
snotdeuh	half-year grade in German	** numeric variable, but no labels **	
snotmath	half-year grade in mathematics	** numeric variable, but no labels **	
sfrespr	Which 1st foreign language?	** numeric variable, but no labels **	
snotfreh	half-year grade in 1st foreign language	** numeric variable, but no labels **	
snotdeuz	coming report grade in German	** numeric variable, but no labels **	
snotmatz	coming report grade in mathematics	** numeric variable, but no labels **	
snotfrez	coming report grade in 1st foreign language	** numeric variable, but no labels **	
snotmata	grade potential in mathematics	** numeric variable, but no labels **	
swiedh	Grade repeated?	** numeric variable, but no labels **	
swied_z	How often grade repeated?	** numeric variable, but no labels **	
snachhil	Private tuition in mathematics?	** numeric variable, but no labels **	
smaldif	Are there maths courses?	** numeric variable, but no labels **	
smazahl	How many maths courses?	** numeric variable, but no labels **	
sma2z	mathematics at moment, 2 courses	** numeric variable, but no labels **	
sma3z	mathematics at moment, 3 courses	** numeric variable, but no labels **	
sma2h	mathematics 1st half-year, 2 courses	** numeric variable, but no labels **	
sma3h	mathematics 1st half-year, 3 courses	** numeric variable, but no labels **	
sdeldif	Are there German courses?	** numeric variable, but no labels **	
sdezahl	How many German courses?	** numeric variable, but no labels **	
sde2h	German 1st half-year, 2 courses	** numeric variable, but no labels **	
sde3h	German 1st half-year, 3 courses	** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
sfrldif	Are there courses in 1st foreign language?	** numeric variable, but no labels **	
sfrzahl	How many courses in 1st foreign language?	** numeric variable, but no labels **	
sfr2h	1st foreign language 1st half-year, 2 courses	** numeric variable, but no labels **	
sfr3h	1st foreign language 1st half-year, 3 courses	** numeric variable, but no labels **	
sunt01	My maths teacher knows what's going on in the class	** numeric variable, but no labels **	
sunt02	My maths teacher knows the tasks I have difficulty on	** numeric variable, but no labels **	
sunt03	My maths teacher demands split-second answers	** numeric variable, but no labels **	
sunt04	My maths teachers goes on to the next student if I hesitate	** numeric variable, but no labels **	
sunt05	My maths teacher can explain new topics well	** numeric variable, but no labels **	
sunt06	My maths teacher explains things for as long as it takes for me to understand them.	** numeric variable, but no labels **	
sunt07	My maths teacher can get me really interested in the topics	** numeric variable, but no labels **	
sunt08	My maths teacher can make dry topics interesting	** numeric variable, but no labels **	
sunt09	My maths teachers wants to me to really make an effort.	** numeric variable, but no labels **	
sunt10	My maths teacher sets store by good performance	** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
sunt11	My maths teacher is patient if someone wants to talk	** numeric variable, but no labels **	
sunt12	My maths teacher gets involved if someone is having difficulties	** numeric variable, but no labels **	
selt01	What do your parents expect of your schoolwork?	** numeric variable, but no labels **	
selt02	What maths grade do your parents expect of you?	** numeric variable, but no labels **	
selt03	Do your parents attend parents' evenings at school?	** numeric variable, but no labels **	
selt04	Do your parents check whether homework has been done?	** numeric variable, but no labels **	
selt05	Do your parents check whether tasks have been solved correctly?	** numeric variable, but no labels **	
selt06	Do they practise mathematics with you?	** numeric variable, but no labels **	
selt07	Do they give you advice and tips on learning?	** numeric variable, but no labels **	
sunt13	In maths lessons, the teacher offers topics or tasks for selection	** numeric variable, but no labels **	
sunt14	In maths lessons, the teacher responds to students' suggestions	** numeric variable, but no labels **	
sunt15	In maths lessons, the teacher demands more of good students	** numeric variable, but no labels **	
sunt16	In maths lessons, the teacher asks weaker students easier questions	** numeric variable, but no labels **	
sunt17	In maths lessons, the teacher often has to intervene to get people's attention	** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
sunt18	In maths lessons, the students are attentive and concentrate	** numeric variable, but no labels **	
sunt19	In maths lessons, everyone is aware of the ground rules	** numeric variable, but no labels **	
sunt20	In maths lessons, the teacher has clearly spelt out the consequences	** numeric variable, but no labels **	
sunt21	In maths lessons, we often work on tasks in small groups	** numeric variable, but no labels **	
sunt22	In maths lessons, the better students helps the weaker ones	** numeric variable, but no labels **	
sind01	I make a timetable of what and when I will learn and practise	** numeric variable, but no labels **	
sind02	I put off starting homework until the last minute	** numeric variable, but no labels **	
sind03	I work independently and need no help	** numeric variable, but no labels **	
sind04	I can concentrate for longer periods on one thing	** numeric variable, but no labels **	
sind05	I work very carefully and precisely	** numeric variable, but no labels **	
sind06	I put together important points in a clear way	** numeric variable, but no labels **	
sind07	I find it easy to practise and revise for specific things	** numeric variable, but no labels **	
sind08	study of mathematics in free time	** numeric variable, but no labels **	
sind09	Good maths grade is important for good opportunities later	** numeric variable, but no labels **	
sind10	Puzzling over a mathematical problem is fun	** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
sind11	Lose track of time when I work on a mathematical problem	** numeric variable, but no labels **	
sind12	What we learn in maths is very useful in everyday life	** numeric variable, but no labels **	
sind13	Mathematics is not really my thing	** numeric variable, but no labels **	
sind14	How much do you like going to school?	** numeric variable, but no labels **	
sunt23	My maths teacher points out noteworthy things	** numeric variable, but no labels **	
sunt24	My maths teacher summarises the material at the end of the lesson	** numeric variable, but no labels **	
sunt25	My maths teacher stresses that there are several ways to solve a problem	** numeric variable, but no labels **	
sunt26	My maths teacher encourages us to try out our own ways to reach a solution	** numeric variable, but no labels **	
sunt27	My maths teacher shows us how useful maths is in everyday life	** numeric variable, but no labels **	
sunt28	My maths teacher stresses that maths is important for careers	** numeric variable, but no labels **	
sfeh1	When someone makes a mistake, the teacher first asks the others	** numeric variable, but no labels **	
sfeh2	When I make a mistake, the teacher corrects me to the class	** numeric variable, but no labels **	
sfeh3	The teacher uses mistakes as an opportunity to explain things again	** numeric variable, but no labels **	
sfeh4	When someone makes a mistake, the teacher calls out someone else who knows the right answer	** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
sfeh15	When I make a mistake, the teacher asks something else to help me	** numeric variable, but no labels **	
sind15	How much do you like mathematics?	** numeric variable, but no labels **	
sind16	How happy are you in your class?	** numeric variable, but no labels **	
sind17	How good are you at mathematics, compared with the others?	** numeric variable, but no labels **	
sind18	How much effort do you make for mathematics?	** numeric variable, but no labels **	
sind19	How hard do you find mathematics lessons?	** numeric variable, but no labels **	
sind20	Do you worry about tests or coursework in mathematics?	** numeric variable, but no labels **	
sind21	How well can you work in a group?	** numeric variable, but no labels **	
sind22	How well can you convince others of your opinion?	** numeric variable, but no labels **	
sind23	How easy do you find it to interact with new people?	** numeric variable, but no labels **	
sind24	How well can you defend yourself if you are treated unfairly?	** numeric variable, but no labels **	
sind25	How well can you speak openly in front of the class?	** numeric variable, but no labels **	
sind26	How well can you explain something at the board?	** numeric variable, but no labels **	
sind27	How well can you argue convincingly in discussions?	** numeric variable, but no labels **	
sind28	How well can you attentively follow a talk by a teacher?	** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
sind29	How well can you understand graphs and tables?	** numeric variable, but no labels **	
sind30	How well can you carry out minor technical repairs?	** numeric variable, but no labels **	
sind31	How good are you with a PC? Word processing	** numeric variable, but no labels **	
sind32	How good are you with a PC? Surfing the web	** numeric variable, but no labels **	
sind33	How good are you with a PC? Checking and sending e-mail	** numeric variable, but no labels **	
sind34	How good are you with a PC? Computer programmes	** numeric variable, but no labels **	
stest1	Were you nervous?	** numeric variable, but no labels **	
stest2	How much of an effort did you make to give your best?	** numeric variable, but no labels **	
stest3	How much effort would you have made if the tests were graded?	** numeric variable, but no labels **	
szeit1	homework for all school subjects together	** numeric variable, but no labels **	
szeit2	of which: Homework for mathematics	** numeric variable, but no labels **	
szeit3	watch TV or video films	** numeric variable, but no labels **	
szeit4	computer games	** numeric variable, but no labels **	
sftage	Around how many days have you been absent in this school year?	** numeric variable, but no labels **	
sleneu	Did you get a new mathematics teacher in grade 8?	** numeric variable, but no labels **	
suntst	How many hours of mathematics lessons do you have a week?	** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
stueben	How often have you practised tests with tasks in which the correct answer had to be ticked?	** numeric variable, but no labels **	
soffen1	What would you change in mathematics lessons if you could?	** numeric variable, but no labels **	
soffen2	brain-teaser	** numeric variable, but no labels **	
sfbnachz	straggler variable SFB	** numeric variable, but no labels **	
codegut	filter variable code adjustment	** numeric variable, but no labels **	
nachsfb	filter variable subsequent test SFB	** numeric variable, but no labels **	
nachmat	filter variable subsequent test maths tests	** numeric variable, but no labels **	
kreis		** numeric variable, but no labels **	
kurzraus	less than 6 months in the class	** numeric variable, but no labels **	
i_f_kind	special school/integration students	** numeric variable, but no labels **	
schu_art	average of type of school at class level	** numeric variable, but no labels **	
n_markus	student participation	** numeric variable, but no labels **	
n_msfb	SFB participation	** numeric variable, but no labels **	
n_miss	number of cases per class with missing by educational background	** numeric variable, but no labels **	
unklar	not all students in a class appear to be part of the same educational background	** numeric variable, but no labels **	
k_bildga	educational background of class, 5-step	** numeric variable, but no labels **	
alter	age of students	** numeric variable, but no labels **	
deutsch	Were you born in Germany? (copy sherk)	** numeric variable, but no labels **	
junge	Are you a girl or a boy? (copy sgeschl)	** numeric variable, but no labels **	
kontin	Since when have you been at your present school?	** numeric variable, but no labels **	
mat	maths performance (half-year grade)	** numeric variable, but no labels **	
deu	German performance (half-year grade)	** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
eng	foreign language performance (half-year grade)	** numeric variable, but no labels **	
matz	maths performance (expected grade at end of school year)	** numeric variable, but no labels **	
deuz	German performance (expected grade at end of school year)	** numeric variable, but no labels **	
engz	foreign language performance (expected grade at end of school year)	** numeric variable, but no labels **	
matk2	mathematics at moment, 2 courses (copy sma2z)	** numeric variable, but no labels **	
matk3	mathematics at moment, 3 courses (copy sma3z)	** numeric variable, but no labels **	
ab_vat	school-leaving qualification father	** numeric variable, but no labels **	
ab_mut	school-leaving qualification mother	** numeric variable, but no labels **	
spra_spr	What language do you most often speak yourself at home? (copy sprach1)	** numeric variable, but no labels **	
spra_sch	In what language can you write best? (copy sprach2)	** numeric variable, but no labels **	
spra_mut	main language mother	** numeric variable, but no labels **	
spra_vat	main language father	** numeric variable, but no labels **	
sprag1	language group 1: XX 10% grammar school	** numeric variable, but no labels **	
sprag2	language group 2: XX 10, XX 20% grammar school	** numeric variable, but no labels **	
sprag3	language group 3: XX 20, XX 30% grammar school	** numeric variable, but no labels **	
sprag4	language group 4: XX 30% grammar school	** numeric variable, but no labels **	
vie1sp1		** numeric variable, but no labels **	
vie2sp1		** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
vie3sp1		** numeric variable, but no labels **	
vie4sp1		** numeric variable, but no labels **	
vie1sp2		** numeric variable, but no labels **	
vie2sp2		** numeric variable, but no labels **	
vie3sp2		** numeric variable, but no labels **	
vie4sp2		** numeric variable, but no labels **	
vie1sp3		** numeric variable, but no labels **	
vie2sp3		** numeric variable, but no labels **	
vie3sp3		** numeric variable, but no labels **	
vie4sp3		** numeric variable, but no labels **	
vie1sp4		** numeric variable, but no labels **	
vie2sp4		** numeric variable, but no labels **	
vie3sp4		** numeric variable, but no labels **	
vie4sp4		** numeric variable, but no labels **	
vie1sp5		** numeric variable, but no labels **	
vie2sp5		** numeric variable, but no labels **	
vie3sp5		** numeric variable, but no labels **	
vie4sp5		** numeric variable, but no labels **	
vie1sp6		** numeric variable, but no labels **	
vie2sp6		** numeric variable, but no labels **	
vie3sp6		** numeric variable, but no labels **	
vie4sp6		** numeric variable, but no labels **	
vie1sp7		** numeric variable, but no labels **	
vie2sp7		** numeric variable, but no labels **	
vie3sp7		** numeric variable, but no labels **	
vie4sp7		** numeric variable, but no labels **	
vie1sp8		** numeric variable, but no labels **	
vie2sp8		** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
vie3sp8		** numeric variable, but no labels **	
vie4sp8		** numeric variable, but no labels **	
vie1sp9		** numeric variable, but no labels **	
vie2sp9		** numeric variable, but no labels **	
vie3sp9		** numeric variable, but no labels **	
vie4sp9		** numeric variable, but no labels **	
vie1sp10		** numeric variable, but no labels **	
vie2sp10		** numeric variable, but no labels **	
vie3sp10		** numeric variable, but no labels **	
vie4sp10		** numeric variable, but no labels **	
vie1sp11		** numeric variable, but no labels **	
vie2sp11		** numeric variable, but no labels **	
vie3sp11		** numeric variable, but no labels **	
vie4sp11		** numeric variable, but no labels **	
vie1sp12		** numeric variable, but no labels **	
vie2sp12		** numeric variable, but no labels **	
vie3sp12		** numeric variable, but no labels **	
vie4sp12		** numeric variable, but no labels **	
vie1sp13		** numeric variable, but no labels **	
vie2sp13		** numeric variable, but no labels **	
vie3sp13		** numeric variable, but no labels **	
vie4sp13		** numeric variable, but no labels **	
vie1sp14		** numeric variable, but no labels **	
vie2sp14		** numeric variable, but no labels **	
vie3sp14		** numeric variable, but no labels **	
vie4sp14		** numeric variable, but no labels **	
vie1sp15		** numeric variable, but no labels **	
vie2sp15		** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
vie3sp15		** numeric variable, but no labels **	
vie4sp15		** numeric variable, but no labels **	
vie1sp16		** numeric variable, but no labels **	
vie2sp16		** numeric variable, but no labels **	
vie3sp16		** numeric variable, but no labels **	
vie4sp16		** numeric variable, but no labels **	
vie1sp17		** numeric variable, but no labels **	
vie2sp17		** numeric variable, but no labels **	
vie3sp17		** numeric variable, but no labels **	
vie4sp17		** numeric variable, but no labels **	
vie1sp18		** numeric variable, but no labels **	
vie2sp18		** numeric variable, but no labels **	
vie3sp18		** numeric variable, but no labels **	
vie4sp18		** numeric variable, but no labels **	
wohl_sch	How much do you like going to school?	** numeric variable, but no labels **	
wohl_kla	How happy are you in your class?	** numeric variable, but no labels **	
asp_lei	What do your parents expect of your schoolwork? (copy selt01)	** numeric variable, but no labels **	
asp_mat	maths grade expectation of parents (polarity reversed)	** numeric variable, but no labels **	
schuleng	parents' involvement in school	** numeric variable, but no labels **	
defkomm	Do students know about parents' evening attendance of parents?	** numeric variable, but no labels **	
xunt01		** numeric variable, but no labels **	
xunt02		** numeric variable, but no labels **	
xunt05		** numeric variable, but no labels **	
xunt06		** numeric variable, but no labels **	
xunt07		** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
xunt08		** numeric variable, but no labels **	
xunt09		** numeric variable, but no labels **	
xunt10		** numeric variable, but no labels **	
xunt11		** numeric variable, but no labels **	
xunt12		** numeric variable, but no labels **	
xunt13		** numeric variable, but no labels **	
xunt14		** numeric variable, but no labels **	
xunt16		** numeric variable, but no labels **	
xunt18		** numeric variable, but no labels **	
xunt19		** numeric variable, but no labels **	
xunt20		** numeric variable, but no labels **	
xunt21		** numeric variable, but no labels **	
xunt22		** numeric variable, but no labels **	
xunt23		** numeric variable, but no labels **	
xunt24		** numeric variable, but no labels **	
xunt25		** numeric variable, but no labels **	
xunt26		** numeric variable, but no labels **	
xunt27		** numeric variable, but no labels **	
xunt28		** numeric variable, but no labels **	
xfehl1		** numeric variable, but no labels **	
xfehl2		** numeric variable, but no labels **	
xfehl3		** numeric variable, but no labels **	
xfehl5		** numeric variable, but no labels **	
xind01		** numeric variable, but no labels **	
xind03		** numeric variable, but no labels **	
xind04		** numeric variable, but no labels **	
xind05		** numeric variable, but no labels **	
xind06		** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
xind07		** numeric variable, but no labels **	
xind08		** numeric variable, but no labels **	
xind09		** numeric variable, but no labels **	
xind10		** numeric variable, but no labels **	
xind11		** numeric variable, but no labels **	
xind12		** numeric variable, but no labels **	
xind14		** numeric variable, but no labels **	
xind16		** numeric variable, but no labels **	
xind17		** numeric variable, but no labels **	
xind18		** numeric variable, but no labels **	
xind20		** numeric variable, but no labels **	
xind21		** numeric variable, but no labels **	
xind22		** numeric variable, but no labels **	
xind23		** numeric variable, but no labels **	
xind24		** numeric variable, but no labels **	
xind25		** numeric variable, but no labels **	
xind26		** numeric variable, but no labels **	
xind27		** numeric variable, but no labels **	
xind28		** numeric variable, but no labels **	
xind29		** numeric variable, but no labels **	
xind30		** numeric variable, but no labels **	
xind31		** numeric variable, but no labels **	
xind32		** numeric variable, but no labels **	
xind33		** numeric variable, but no labels **	
xind34		** numeric variable, but no labels **	
xtest1		** numeric variable, but no labels **	
xtest2		** numeric variable, but no labels **	
xtest3		** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
xind15		** numeric variable, but no labels **	
s_angst		** numeric variable, but no labels **	
eltbild	possession of cultural items	** numeric variable, but no labels **	
eltzlekt	demanding newspaper reading	** numeric variable, but no labels **	
lernumw	features of the material learning environment	** numeric variable, but no labels **	
elttech	technical facilities relevant to education	** numeric variable, but no labels **	
elthsfg	parent support for learning	** numeric variable, but no labels **	
uqual	teaching quality	** numeric variable, but no labels **	
manag	class leadership	** numeric variable, but no labels **	
tempo	speed of teaching	** numeric variable, but no labels **	
koop	cooperation	** numeric variable, but no labels **	
verszn	teaching focussed on understanding	** numeric variable, but no labels **	
lemoins	relevance of mathematics, instrumental learning motivation (mean.2 sind08,sind09,sind11,sind12)	** numeric variable, but no labels **	
lemoaff	attitude to mathematics, affective learning motivation (mean.2 sind08,sind09,sind11,sind12)	** numeric variable, but no labels **	
aktlern	active learning attitude	** numeric variable, but no labels **	
anstren	willingness to make effort	** numeric variable, but no labels **	
skmat	mathematics-related ability self-concept:	** numeric variable, but no labels **	
sksoz	social self-concept	** numeric variable, but no labels **	
sktech	self-assessment PC skills	** numeric variable, but no labels **	
eltabch	parents' level of education	** numeric variable, but no labels **	
eltasp	parents' performance expectations?	** numeric variable, but no labels **	
notenhj	actual grade average (MA,GE, FR, half-year)	** numeric variable, but no labels **	

Study:		MARKUS students	
Variablen-ID	Variable Label	Value	Value Label
notenerw	expected grade average (MA,GE, FR, end of school year)	** numeric variable, but no labels **	
lernmot	learning motivation	** numeric variable, but no labels **	
z1	z-value(ELTBILD)	** numeric variable, but no labels **	
z2	z-value(ELTZLEKT)	** numeric variable, but no labels **	
elebulk		** numeric variable, but no labels **	
elekult	XX, mean (ELTBILD, ELTZLEKT) "POLDI"	** numeric variable, but no labels **	
zeltbild	parents' possession of cultural items: z-standardised	** numeric variable, but no labels **	
zelttech	technical facilities relevant to education: z-standardised	** numeric variable, but no labels **	
zlernumw	material learning environment: z-standardised	** numeric variable, but no labels **	
loesch		** numeric variable, but no labels **	



Institut zur Qualitätsentwicklung
im Bildungswesen

Forschungsdatenzentrum

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