

TwinLife - ZA6701 Documentation Constructs CAT1 1

Skill Formation & Education

Construct	Facets	Var	Module	Instrument / Source	Age	tu	mf	s	pq	hh	Further information	Reference
Skill formation and education												
Educational success & educational attainment		cer	self-report	TwinLife	>=15	x	x	x			last certificate/school grades for maths and	<i>Items developed for TwinLife</i>
			parents on child	TwinLife	<15	x		x			german courses	
Self-regulation		srg	self-report	GRIT/SCS-KD	>=10	x	x	x			Consistency of interest, self-control	<i>Adapted from:</i> <i>Consistency of Interest:</i> <i>- Grit Scale (12-Items)</i> <i>Fleckenstein, J., Schmidt, F. T., & Möller, J. (2014). Wer hat Biss? Beharrlichkeit und beständiges Interesse von Lehramtsstudierenden. Eine deutsche Adaptation der 12-Item Grit Scale. Psychologie in Erziehung und Unterricht, 61(4), 281-286</i>
			parents on child	GRIT/SCS-KD	<10	x		x			<i>Self-Control</i> <i>- SCS-KD</i> <i>Bertrams, A., & Dickhäuser, O. (2009). Messung dispositioneller Selbstkontroll-Kapazität: Eine deutsche Adaptation der Kurzform der Self-Control Scale (SCS-KD). Diagnostica, 55(1), 2-10.</i>	

Career & Labor Market Attainment

Construct	Facets	Var	Module	Instrument / Source	Age	tu	mf	s	pq	hh	Further information	Reference
Career and Labor Market Attainment												
Employment status &		emp	self-report	SOEP 2014	>= 15	x	x	x			Job title, occupational status, economic sector,	<i>Adapted from:</i>
Information on current	Wages/income	inc	self-report	SOEP 2005/2014;	>=16	x	x	x		x	Monthly personal gross income/ household income	<i>Adapted from:</i>
Educational career & aspirations	Education	edu	self-report	SOEP 2012/2014; Pairfam (wave 4); NEPS 2011	>=15	x	x	x			Education (e.g. type of education / training, type of school, grade etc.)	<i>Adapted from:</i> - The German Socio-Economic Panel Study (SOEP): SOEP Core study Individual 2014 - German and English version: panel.gsoep.de/soep-docs/surveypapers/diw_ssp0235.pdf - The German Socio-Economic Panel Study (SOEP): SOEP Core study Life Course 2012 - German and English version: http://hdl.handle.net/10419/88782 - The German Socio-Economic Panel Study (SOEP): SOEP Core study Youth 2014 - German version: http://panel.gsoep.de/soep-docs/surveypapers/diw_ssp0238.pdf
			parents on child		<15	x		x				
	Course of education	eca	self-report	SOEP 2012/2014; DJI Jugendsurvey (wave 1)	>=16	x	x	x			Course of education (school-leaving qualification / highest educational degree, average rating)	<i>Adapted from:</i> - The German Socio-Economic Panel Study (SOEP): SOEP Core study Individual 2014 - German and English version: panel.gsoep.de/soep-docs/surveypapers/diw_ssp0235.pdf - The German Socio-Economic Panel Study (SOEP): SOEP Core study Life Course 2012 - German and English version: http://hdl.handle.net/10419/88782
		eca	generated variable	ISCED 1997	>= 16	x	x	x			Two versions: one digit, two digits	- International standard classification of education ISCED 2011 - UNESCO Institute for Statistics (UIS). (2012). International Standard Classification of Education: ISCED 2011. UIS, Montreal, Quebec. - Available at: http://www.uis.unesco.org/Education/Documents/isced-2011-en.pdf

Integration & Participation

Construct	Facets	Var	Module	Instrument / Source	Age	tu	mf	s	pq	hh	Further information	Reference
Integration and Participation												
Religion		rel	self-report		>= 15	x	x	x			Religious affiliation, church attendance, religiosity/spirituality	<i>Adapted from:</i> - Panel analysis of intimate relationships and family dynamics (Pairfam): Pairfam Codebook Ankerperson Welle 5/Anchorperson Wave 5 2012/2013 - German version: http://www.pairfam.de/fileadmin/user_upload/redakteur/publis/Dokumentation/Codebooks/Release8.0/Codebuch_Anker_de__pairfam_Welle_5_2012-13.pdf - English version: http://www.pairfam.de/fileadmin/user_upload/redakteur/publis/Dokumentation/Codebooks/Release8.0/Codebook_Anchor_en__pairfam_Wave_5_2012-13.pdf
			parents on child	Pairfam (wave 5)	<15	x		x				

Quality of Life

Construct	Facets	Var	Module	Instrument / Source	Age	tu	mf	s	pq	hh	Further information	Reference
Quality of Life												
Life satisfaction	Global life satisfaction	gls	self-report	SWLS/ SWLS-C	>= 10	x	x	x				<p><i>Adapted and translated into German from:</i></p> <ul style="list-style-type: none"> - Satisfaction with Life Scale (SWLS) - Diener, E., Emmons, R. A., Larsen, R. J., & Griffin, S. (1985). <i>The Satisfaction with Life Scale. Journal of Personality Assessment</i>, 49, 71-75. - Available at: http://internal.psychology.illinois.edu/~ediener/SWLS.html <p><i>Adapted and translated into German from:</i></p> <ul style="list-style-type: none"> - Satisfaction with Life Scale for Children (SWLS-C) - Gademann, A. M., Schonert-Reichl, K. A., & Zumbo, B. D. (2010). <i>Investigating validity evidence of the Satisfaction with Life Scale adapted for children. Social Indicators Research</i>, 96, 229-247.
	Satisfaction with sibling relationship	sat	self-report	TwinLife	>= 10	x						<p><i>Items developed for TwinLife</i></p>

Health

Construct	Facets	Var	Module	Instrument / Source	Age	tu	mf	s	pq	hh	Further information	Reference
Health												
Subjective health		she	self-report	SF-8 (1st Item)	>= 10	x	x	x			Evaluation of general health perception	<i>Adapted from:</i> - Short form (SF) 8 Health Survey - Ellert, U., Lampert, T., & Ravens-Sieberer, U. (2005). Messung der gesundheitsbezogenen Lebensqualität mit dem SF-8. Bundesgesundheitsblatt-Gesundheitsforschung-Gesundheitsschutz, 48, 1330-1337.
			parents on child	SF-8 (1st Item)	< 10	x		x				
Objective health/ Diagnoses	Diagnoses (adults)	dia	self-report	SOEP 2011	>= 15	x	x	x	x		Diagnoses list for adults, self-report	<i>Adapted from:</i> - The German Socio-Economic Panel Study (SOEP): SOEP Core Study Individual 2011 - German version: https://www.diw.de/documents/dokumentenarchiv/17/diw_01.c.394133.de/soepfrabo_personen_2011.pdf - English version: https://www.diw.de/documents/dokumentenarchiv/17/diw_01.c.394180.de/soepfrabo_personen_2011_en.pdf
	Diagnoses (children)		parents on child	SOEP 2011	< 15	x		x			Diagnoses list for children, parental-report	

Deviant Behavior

Construct	Facets	Var	Module	Instrument / Source	Age	tu	mf	s	pq	hh	Further information	Reference
Deviant Behavior												
Deviant and	Short version of deviant/delinquent behaviour measure	del	self report parental report		>= 10	x	x	x			Illegal activities (e.g. drunk driving, stealing, playing truant, travelling without a ticket, driving without a license)	Adapted from: - Sonderforschungsbereich (SFB) 882 „Von Heterogenitäten zu Ungleichheiten“ (More information available at: http://www.sfb882.uni-bielefeld.de/) - Fragebogen Schülerbefragung Dortmund 2012 - Available at: http://www.uni-bielefeld.de/soz/A2/pdf/Schulerinfo-Dortmund-2012.pdf/
					<10	x		x				

Demographics

Construct	Facets	Var	Module	Instrument / Source	Age	tu	mf	s	pq	hh	Further information	Reference
Demographics Information on household	Household questionnaire (persons in the household, information on assets)		questionnaire on household	Twinlife						x		<i>Items developed for TwinLife</i>

Environment

Construct	Facets	Var	Module	Instrument / Source	Age	tu	mf	s	pq	hh	Further information	Reference
Environment												
Grandparents	General information: family composition in childhood, educational attainment, employment status of twins grandparents	bpa	self-report	SOEP 2011			x					<i>Adapted from: The German Socio-Economic Panel Study (SOEP): SOEP Supplementary Biography Questionnaire 2011.</i>
Life events	Occurrence and subjective	lev	self-report	Twinlife	>= 10	x	x	x		x		<i>Items developed for TwinLife</i>
			parents on child	Twinlife	<10	x		x		x		<i>Items developed for TwinLife</i>
Life transitions	Occurrence and subjective evaluation of important life transitions and developmental tasks (e.g. school enrolment, stays abroad, entering	tra	self-report	Twinlife	>= 10	x		x				<i>Items developed for TwinLife</i>
			parental-report	Twinlife	>= 8	x		x				<i>Items developed for TwinLife</i>
Family structure &	Marital status,	fam	self-report	SOEP 2014	>= 10	x	x	x				<u><i>Adapted from:</i></u>
Contact to other family members	Cohabitation/contact and contact frequency to biological contact to persons not living in the household (anymore)	con	self-report	Pairfam (wave 3)	>=10	x	x	x			Twins and siblings on their contact with biological parents, biological parents on their contact with twins	<i>Adapted from: Panel analysis of intimate relationships and family dynamics (pairfam): Pairfam Codebook Child Wave 3 2010/11.</i>
		con	questionnaire on household	Pairfam (wave 3)	>=10	x	x	x				<i>Adapted from: Panel analysis of intimate relationships and family dynamics (pairfam): Pairfam Codebook Child Wave 3 2010/11.</i>

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Zygoty & Twin Questions

Construct	Facets	Var	Module	Instrument / Source	Age	tu	mf	s	pq	hh	Further information	Reference
Zygoty & Twin specific questions												
Twin specific questions	Occurrence and subjective evaluation of the twins' shared and distinctive life decisions	tst	self-report	TwinLife		x					e.g. school enrollment, shared class in school, life-events, career and educational decisions, other events making the twins distinguishable	<i>Items developed for TwinLife</i>
		tsp	parents on child	TwinLife		x	x					<i>Items developed for TwinLife</i>

Notes:

Var = Variable Stem; tu = Twins; mf = Parents and Stepparents; s = Siblings; pq = Partner of Twins

General information on SOEP: Wagner, Gert G., Frick, Joachim R., and Schupp, Jürgen (2007). The German Socio-Economic Panel Study (SOEP) – Scope, Evolution and Enhancements. *Schmollers Jahrbuch*, 127, 139-169.

General information on pairfam: Huinink, J., Brüderl, J., Nauck, B., Walper, S., Castiglioni, L., & Feldhaus, M. (2011). Panel analysis of intimate relationships and family dynamics (pairfam): Conceptual framework and design. *ZfF—Zeitschrift für Familienforschung/Journal of Family Research*, 23.

General information on NEPS: Blossfeld, H.-P., H.-G. Roßbach und J. von Maurice (Hrsg.) (2011). *Education as a Lifelong Process – The German National Educational Panel Study (NEPS)*. *Zeitschrift für Erziehungswissenschaft: Sonderheft* 14.