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Data Collections and Instruments in the z-proso Study (2004-2018)
An Overview

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Project Phases & Data Collections

Consent Phase	Type of Consent	Assessment (VarPrefix)	Type of Assessment	Age of the Child (Mean)	Date of Assessment (Median)	Number of Participants
Phase 1	• Parents active	Caregiver_1 (P1)	Computer-aided personal interview at home	7.0	10/11/2004	1230
		Child_1 (K1)	Computer-aided personal interview at school	7.5	03/22/2005	1359
		Teacher_1.1 (T1.1)	Postal survey	7.6	03/29/2005	1349
		Parents_2 (P2)	Computer-aided personal interview at home	7.9	09/15/2005	1191
		Child_2 (K2)	Computer-aided personal interview at school	8.1	11/16/2005	1334
		Teacher_2.1 (T2.1)	Postal survey	8.2	01/04/2006	1343
		Parents_3 (P3)	Computer-aided personal interview at home	8.9	09/13/2006	1181
		Child_3 (K3)	Computer-aided personal interview at school	9.1	11/15/2006	1322
		Teacher_3.1 (T3.1)	Postal survey	9.2	12/27/2006	1284
		Teacher_4.1 (T4.1)	Postal survey	10.7	06/13/2008	1269
Phase 2	• Parents active	Parents_4 (P4)	Computer-aided personal interview at home	11.0	09/30/2008	1073
		Child_4 (K4)	Paper-and-pencil survey at school	11.3	02/02/2009	1147
		Teacher_4.2 (T4.2)	Postal survey	11.6	05/07/2009	1064
		Teacher_4.3 (T4.3)	Postal survey	12.6	05/24/2010	977
Phase 3	• Youths active	Youth_5 (K5)	Paper-and-pencil survey at school	13.7	06/21/2011	1365
		Teacher_5.1 (T5.1)	Postal survey	13.9	08/31/2011	1266
	• Parents passive	Youth_6 (K6)	Paper-and-pencil survey at school	15.4	03/27/2013	1446
		Teacher_6.1 (T6.1)	Postal survey	15.7	05/24/2013	1288
Phase 4	• Youths active	Youth_7 (K7)	Paper-and-pencil survey at school	17.4	03/28/2015	1306
		Teacher_7.1 (T7.1)	Postal survey	17.7	06/01/2015	929
		VocTrainer_7.1 (VT7.1)	Postal survey	17.7	06/15/2015	624
Phase 5	• Young adults active	YoungAdult_8 (K8)	Computer-aided self-administered lab-based survey	20.6	02/05/2018	1180

Parent Survey 1 (P1)

Page	Scale/Domain
2-7	Household structure (Age/gender of HH members, relationship with target child and interviewee)
8-9	Neighbourhood cohesion
10	Parenting values
10	Family climate
11-12	Parenting scale ("Alabama Parenting Questionnaire", APQ)
12	Handicaps & developmental disorders of the child
13-14	Perinatal problems (Birth complications, maternal substance abuse, etc.)
15	Child's leisure activities (incl. media use)
16-17	Child behaviour (Prosocial behaviour, ADHD, depressiveness, ODD, non-aggressive conduct disorder, aggression; "Social Behavior Questionnaire"-SBQ)
18-19	Sociodemographic questions related to the mother/female caregiver (marital-/ birth-/ residential status, education, occupation, etc.)
20-21	Sociodemographic questions related to the father/male caregiver (marital-/ birth-/ residential status, education, occupation, etc.)
22	Household income
22-23	Sociodemographic questions related to biological parents, not living in the same HH as the target child
24-25	Instructions for the 'Event-History Calendar' (EHC)
EHC1	Place(s) of residence
EHC2	Household members (moves-in, moves-out, births, deaths)
EHC3	External supervision
EHC4	Life events (Family conflicts, maternal depression, illnesses, unemployment, victimization, contact with prosecution authorities, hospitalization in mental institutions and incarcerations of HH members)
EHC5	Phases of behavioural problems of the target child
EHC6	Counselling and treatment in case of behavioural problems of the target child

Note: Page numbers refer to the German print version of the questionnaire

Parent Survey 2 (P2)

Page	Scale/Domain
2-4	School-related scales for the parents
4-8	Use of parent trainings and other further education for parents
9	Family climate
9	Dyadic Adjustment Scale (DAS-7)
10	Parent Problem Checklist (PPCL)
11-12	Parenting scale ("Alabama Parenting Questionnaire", APQ)
13	Maternal Depression ("General Health Questionnaire", GHQ-12)
14	Maternal self-control and moral emotions (shame & guilt)
15	General Trust Scale
15-16	Child behaviour (Prosocial behaviour, ODD, non-aggressive conduct disorder, aggression; "Social Behavior Questionnaire"-SBQ)
16	Social Desirability Scale
17-18	Sibling's relationship with the target child; aggressive behaviour of siblings

Note: Page numbers refer to the print version of the German questionnaire

Parent Survey 3 (P3)

Page	Scale/Domain
2	ID-check & start of Event-History Calendar (EHC)
EHC1	Place(s) of residence
EHC2	Household members (moves-in, moves-out, births, deaths)
EHC3	External child care
EHC4	Relationship with separated parent
EHC5	Parental occupational status and profession
EHC6	Leisure activities of the target child
EHC7	Friends of the target child
EHC8	Illnesses and accidents of HH members
EHC9	Important positive/ negative life events
EHC10	General well-being of the target child and the mother
EHC11	Counselling & treatment of behavioural problems of the target child
3	Family climate
4-5	Alabama Parenting Questionnaire (APQ)
6	Media use
7-8	Child behaviour (Prosocial behaviour, ADHD, depressiveness, ODD, non-aggressive conduct disorder, aggression; "Social Behavior Questionnaire"-SBQ)
9-11	Childhood of the mother (Place/country, family structure and climate, education, well-being)
12-13	Maternal migration history and migration motives
14	Problems encountered as a migrant
15	Acculturation scale
16	Friendships of the parents

Note: Page numbers refer to print version of the German questionnaire

Parent Survey 4 (P4)

Page	Scale/Domain
2	ID-check
3	Start of the Event-History Calendar (EHC)
EHC1	Place(s) of residence
EHC2	Household members (moves-in, moves-out, births, deaths)
EHC3	External child care
EHC4	Relationship with separated parent
EHC5	Parental occupational status and profession
EHC6	Leisure activities of the target child
EHC7	Friends of the target child
EHC8	Illnesses and accidents of HH members
EHC9	Important positive/ negative life events
EHC10	General well-being of the target child and the mother
EHC11	Counselling & treatment of behavioural problems of the target child
4	Family climate
5-6	Alabama Parenting Questionnaire (APQ)
7	Morale appraisal of child's problem behaviour
8-9	Child behaviour (Prosocial behaviour, ADHD, depressiveness, ODD, non-aggressive conduct disorder, aggression; "Social Behavior Questionnaire"-SBQ)
10	Problem behaviour of the target child (Delinquency & substance use)
10	Police contacts of the child (as an offender)
11-13	School-related scales for parents

Note: Page numbers refer to print version of the German questionnaire

Child/Youth Survey 1 (K1)

Page	Scale/Domain
1	Preferred activities at home, at school, and outside
2	Travel game – cardboard decision-making game to assess risk preferences
3	Social problem-solving – Assessment of conflict situations and conflict coping, based on illustrated situational vignettes
4	Emotion recognition; Part 1: in faces; Part 2: in situational vignettes (Assessment of Children's Emotion Skills – ACES)
5-6	Child behaviour (Prosocial behaviour, ADHD, depressiveness, ODD, non-aggressive conduct disorder, aggression; child-adapted multimedia version of the "Social Behavior Questionnaire"-SBQ)
6	Coach game: Networks and popularity in the class
7	Short assessment of the child by the interviewer, based on the child's behaviour during the survey

Note: Page numbers refer to the "Instrument Summary"

Child/Youth Survey 2 (K2)

Page	Scale/Domain
1	School scale
2	Questions related to the prevention programme "PATHS/PFADE"
3	School bullying scale: Experiences with school-bullying from an observer's/ victim's/ perpetrator's perspective using illustrated situation vignettes
4	Balloon Analogue Risk Task (BART): Simple computer game aimed at measuring risk taking
5	Moral Emotion Attribution: Recognition and appraisal of morale transgressions based on situational vignettes
6	Social desirability scale
7	"Draw-a-Line-Slowly": Measurement of impulsivity
8	Child behaviour (Prosocial behaviour, ADHD, depressiveness, ODD, non-aggressive conduct disorder, aggression; child-adapted multimedia version of the "Social Behavior Questionnaire"-SBQ)
9	Trust Game: Each child appraises each other classmate if it would keep a promise. Based on this scores of individual trustworthiness and trustfulness can be derived.
10	Short assessment of the child by the interviewer, based on the child's behaviour during the survey

Note: Page numbers refer to the "Instrument Summary"

Child/Youth Survey 3 (K3)

Page	Scale/Domain
2	School scale: School bonding, relationship to the teacher and the classmates
2	Questions related to the best friend (duration of the relationship, gender, age, mother tongue, problem behaviour)
3	Emotion recognition; Part 1: in faces; Part 2: in situational vignettes (Assessment of Children's Emotion Skills – ACES)
4	Social problem-solving – Assessment of conflict situations and conflict coping, based on illustrated situational vignettes
5	Parenting behaviour (derived from the APQ)
5	Media use
6	Self-control short scale
7-8	Child behaviour (Prosocial behaviour, ADHD, depressiveness, ODD, non-aggressive conduct disorder, aggression; child-adapted multimedia version of the "Social Behavior Questionnaire"-SBQ)
8	Morale appraisal of problem behaviour by the target child and (assumedly) by his/her friends
9	Short assessment of the child by the interviewer, based on the child's behaviour during the survey

Note: Page numbers refer to the "Instrument Summary"

Child/Youth Survey 4 (K4)

Page	Scale/Domain
1	Internalising and externalising social behaviour (abbreviated SBQ; classroom-based version using PPT slides)
2-3	Delinquent decision-making – Situational vignette 1
4	Demographics – Individual level/physical constitution
4-5	Sociodemographics – Household level/parents
6	Parenting style – General parenting behaviour (child version perspective, derived from the APQ)
6	Parenting style – General parenting behaviour (child version perspective, derived from the APQ)
7	Externalising social behaviour (Prosociality, aggression, oppositionality – youth version of the SBQ)
8	Internalising social behaviour (Anxiety, depressivity – youth version of the SBQ)
8	Violence-Legitimizing Norms of Masculinity Scale
8	Moral Neutralization Scale
10-11	Aggressive decision-making – Situational vignette 2
12	Serious Violent Victimization Scale
12	Bullying Victimization Scale
12	Bullying Perpetration Scale
13	Substance use & delinquency
14	Circumstances of the most recently perpetrated physical assault
15	Police contacts as an offender
15	Self-Control & Social Desirability Scale
16	Conflict coping strategies
16	School scale (School bonding, relationship with teacher and classmates)
17-18	Media use (Duration, problematic contents)
18	Leisure activities at home
18	Bedtimes
19	Leisure activities outside the home
19	Pocket money
20	Best friends: Relationship & friends' problem behaviour
21	Aggressive decision-making – Situational vignette 3

Note: Page numbers refer to print version of the German questionnaire

Child/Youth Survey 5 (K5)

Page	Scale/Domain
1	Demographics – Individual level/physical constitution
1-3	Sociodemographics – Household level/parents
4-5	Aggressive decision-making – Situational vignette 1
6	Parenting style – General parenting behaviour (child version perspective, derived from the APQ)
7	Parenting style – General parenting behaviour (child version perspective, derived from the APQ)
7	Resiliency – Social support (Adults, peers)
8	Moral Attitudes Scale
8	Violence-Legitimizing Norms of Masculinity Scale
8	Moral Neutralization Scale
9	Externalising social behaviour (Prosociality, ADHD, aggression, oppositionality – youth version of the SBQ)
10	Internalising social behaviour (Anxiety, depressivity, self-harm – youth version of the SBQ)
10	Perceived Social Exclusion Scale
10	Legal Cynicism Scale
11	Life Events Scale
13-14	Aggressive decision-making – Situational vignette 2
15	Pubertal Development Scale (abbreviated)
16	Serious Violent Victimization Scale
16	Bullying Victimisation Scale
16	Bullying Perpetration Scale
17	General Trust Scale
17	Substance use and related police contacts
18	Delinquency and related police contacts
19-20	Circumstances of the most recently perpetrated physical assault
21-22	Police reaction on respondent's delinquency/problem behaviour
23	Reaction of teacher/school on respondent's delinquency/problem behaviour
24	Self-Control Scale (abbreviated)
24	Guilt and Shame Scale
24	Conflict coping strategies
25	School scale (School bonding, relationship with teacher and classmates)
26	Institutionalized psychosocial support
27-28	Media use (Duration, problematic contents)
28	Leisure activities at home
28	Bedtimes
28	Pocket money
29-30	Leisure activities outside the home
30	Gang Membership Scale (Eurogang Scale)
31	Best friends and romantic partner – relationship & problem behaviour of friends/romantic partner
32-33	Aggressive decision-making – Situational vignette 3

Note: Page numbers refer to print version of the German questionnaire

Child/Youth Survey 6 (K6)

Page	Scale/Domain
1	«Warm-up» questions: Most important event since last survey, general well-being
1	Demographics – Individual level/physical constitution
2-3	Sociodemographics – Household level/parents
3	Relationship with separated parent: Frequency and quality
4-5	Aggressive decision-making – Situational vignette 1
6	Parenting style – General parenting behaviour (child version perspective, derived from the APQ)
7	Parenting style – General parenting behaviour (child version perspective, derived from the APQ)
7	Resiliency – Social support (Adults, peers)
8	Moral Attitudes Scale
8	Legitimation of Violence against Women Scale
8	Violence-Legitimizing Norms of Masculinity Scale
8	Moral Neutralization Scale
9	Externalising social behaviour (Prosociality, ADHD, aggression, oppositionality – youth version of the SBQ)
10	Internalising social behaviour (Anxiety, depressivity, self-harm – youth version of the SBQ)
10	Suicidal and homicidal ideations
10	Legal Cynicism Scale
10	Police Legitimacy Scale
11	Life Events Scale
13-14	Aggressive decision-making – Situational vignette 2
15	Pubertal Development Scale (abbreviated)
15	Self-assessed fighting ability and physical attractiveness
15	Permanent physical handicaps
16	Serious Violent Victimization Scale
16	Bullying Victimization Scale
16	Bullying Perpetration Scale
17	General Trust Scale
17	Substance use and related police contacts
18	Delinquency and related police contacts
19-20	Circumstances of the most recently perpetrated physical assault
21-22	Police reaction on respondent's delinquency/problem behaviour
23	Reaction of teacher/school on respondent's delinquency/problem behaviour
24	Self-Control Scale (abbreviated)
24	Guilt and Shame Scale
24	Self-Efficacy Scale (abbreviated)
24	Conflict coping strategies
25	School scale (School bonding, relationship with teacher and classmates)
26	Institutionalized psychosocial support
27-28	Media use (Duration, problematic contents)
28	Leisure activities at home
28	Bedtimes
28	Pocket money
29-30	Leisure activities outside the home
30	Gang Membership Scale (Eurogang Scale)
31	Best friends and romantic partner – relationship & problem behaviour of friends/romantic partner
32-33	Aggressive decision-making – Situational vignette 3

Note: Page numbers refer to print version of the German questionnaire

Child/Youth Survey 7 (K7)

Page	Scale/Domain
1	«Warm-up» questions: Most important event since last survey, general well-being
1	Demographics – Individual level/physical constitution
1-3	Sociodemographics – Household level/parents (incl. move-out of parents home)
4	Aggressive decision-making – Situational vignette 1
5	Parenting style – General parenting behaviour (child version perspective, derived from the APQ)
6	Parenting style – General parenting behaviour (child version perspective, derived from the APQ)
7	Relationship with separated parent: Frequency and quality
7	Resiliency – Social support (Adults, peers)
8	Moral Attitudes Scale
8	Legitimation of Violence against Women Scale
8	Violence-Legitimizing Norms of Masculinity Scale
8	Moral Neutralization Scale
9	Externalising social behaviour (Prosociality, ADHD, aggression, oppositionality – youth version of the SBQ)
10	Internalising social behaviour (Anxiety, depressivity, self-harm – youth version of the SBQ)
10	Violent Ideations Scale (including suicidal and homicidal ideations)
11	Legal Cynicism Scale
11	Police Legitimacy Scale
11	Violent Extremist Attitudes Scale
11-12	Life Events Scale
13	Aggressive decision-making – Situational vignette 2
14	Self-assessed fighting ability and physical attractiveness
14	Sexual Orientation Scale
14	Sexual experiences (including pregnancy and rape)
15	Transactional Sex Scale («provider» and «client» perspective)
15	Current romantic partner (incl. partner's problem behaviour)
14	Intimate Partner Violence Victimization Scale
15	Intimate Partner Violence Perpetration Scale
17	Serious Violent Victimization Scale
17	Bullying Victimization Scale
17	Bullying Perpetration Scale
18	General Trust Scale
18	Substance use and related police contacts
19	Delinquency and related police contacts
20-21	Circumstances of the most recently perpetrated physical assault
22-23	Police reaction on respondent's delinquency/problem behaviour
24	Reaction of teacher/school on respondent's delinquency/problem behaviour
25	Self-Control Scale (abbreviated)
25	Guilt and Shame Scale
25	Self-Efficacy Scale (abbreviated)
25	Conflict coping strategies
26	Current education
26	School scale (School bonding, relationship with teacher and classmates)
27	Institutionalized psychosocial support
28	Media use (Duration, problematic contents)
29	Leisure activities at home
29	Bedtimes
29	Pocket money
30-31	Leisure activities outside the home
31	Gang Membership Scale (Eurogang Scale)
32	Best friends: Relationship & friends' problem behaviour
33	Aggressive decision-making – Situational vignette 3

Note: Page numbers refer to print version of the German questionnaire

Page	Scale/Domain
1	«Warm-up» questions: Most important event since last survey, general well-being
2	Demographics – Individual level/physical constitution
2-3	Sociodemographics – Household level/parents
4	Move-out of the parents' home: Motivations and current housing situation
5	Aggressive decision-making – Situational vignette 1
6	Relationship with parents: Frequency and quality
6	Resiliency – Social support (Adults)
7	Moral Attitudes Scale
7	Legitimation of Violence against Women Scale
7	Violence-Legitimizing Norms of Masculinity Scale
7	Moral Neutralization Scale (abbreviated)
8	Externalising social behaviour (Prosociality, ADHD, aggression, oppositionality – youth version of the SBQ)
9	Perceived Social Exclusion Scale
9	Internalising social behaviour (Anxiety, depressivity, self-harm, anger, psychotic experiences – youth version of the SBQ)
10	Perceived Stress Scale (abbreviated)
10	Violent Ideations Scale (including suicidality and homicidality)
11	Legal Cynicism Scale
11	Police Legitimacy Scale
11	Violent Extremist Attitudes Scale
11	Legitimacy of Use of Violence Scale
12	Political and Religious Violence Scale
12	Cooperativeness with the Police Scale
13-15	Life Events and General Victimization Scale
16	Military Service
16	Weapon Ownership
17	Self-assessed fighting ability and physical attractiveness
17	Self-assessed Health Status, Social Status, and Adulthood
17	Sexual Orientation Scale
17	Sexual experiences (including pregnancy)
18	Transactional Sex Scale («provider» and «client» perspective)
18	Current romantic partner (incl. partner's problem behaviour)
19	Intimate Partner Violence Victimization Scale
19	Intimate Partner Violence Perpetration Scale
20	Serious Violent Victimization Scale
20	Bullying Victimization Scale
20	Bullying Perpetration Scale
21	General Trust Scale
21-23	Substance use and related police contacts
23-24	Delinquency and related police contacts
25-26	Circumstances of the most recently perpetrated physical assault
27	Self-Control Scale (abbreviated)
27	Guilt and Shame Scale
27	Self-Efficacy Scale (abbreviated)
27	Psychopathy Scale (abbreviated)
27	Desistance Scale (Adult Hope Scale)
28	Conflict coping strategies
28	Revenge Scale
29	Justice Sensitivity Scale
30-31	Educational and occupational situation
32	Institutionalized psychosocial support
33	Media use (problematic contents)

33	Bedtimes
34	Income and budget
35	Debts
35	Driving licence & vehicle ownership
36	Leisure activities outside the home
37	Gang Membership Scale (Eurogang Scale)
38	Best friends: Relationship & friends' problem behaviour
39	Aggressive decision-making – Situational vignette 3
40	Future Self Perception Scale

Note: Page numbers refer to print version of the German questionnaire

Teacher survey 5.1 (T5.1)

Page	Scale/Domain
Child-/Youth-level questionnaire	
1	Child/Youth behaviour (Prosociality, ADHD, aggression, oppositionality – youth version of the SBQ; "Social Behavior Questionnaire"-SBQ)
1	Problem behaviour (Substance use & delinquency)
1	School achievement (grades in maths and German)
1	Role of the child in the class (popular, dominant, bullied, isolated)
1	Teacher relationship with the child and his parents
Class-level questionnaire	
1	Class Cohesion Scale
1	Frequency of problem behaviour in the class (Conflict, violence, bullying, truancy, disrespect, etc.)
2	School assessment (Problem behaviour at the school level))

Notes: - Exemplary for all teacher surveys (T1.1-T7.1) which only slightly differ from each other
 - Page numbers refer to the German questionnaires