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Jacobs Center for Productive Youth Development

z-proso Phase VI (2021-2024)

Denis Ribeaud

Jacobs Center for Productive Youth Development, University of Zurich

4th z-proso International Research Network Meeting, Bayes Centre, University of Edinburgh, 1st September 2022





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People & Affiliation



z-proso Core Team Zurich

- Study Direction

- PI: Prof. Manuel Eisner, Institute of Criminology, UCambridge & Jacobs Center UZH
- Co-PI & Main Applicant SNSF: Dr. D. Ribeaud, Jacobs Center UZH
- Co-PI & Co-Applicant SNSF: Prof. L. Shanahan, Inst. of Psychology & Jacobs Center UZH



- Team Jacobs Center UZH

- Fieldwork Management (August 21 – August 2022): Céline Gloor & Anna Tobler
- Research Associates (September 21 –): Céline Gloor & Lea Buzzi
- Study Administration: Ines Florin





Institutional Affiliation & Funding

- Institutional Affiliation since 2017: Jacobs Center UZH
- Current funding:
 - SNSF (2021-24)
 - Jacobs Center (in-kind salaries & infrastructure; **zIReN meetings**)
- Total funding so far (excluding in-kind funding and add-on projects):
 - 7.5 mio. CHF/USD



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Study Background, Design & Sample



Project Background

City of Zurich's School Department concerned about issue of youth violence, commissions Manuel with risk and resources report and specific recommendations (2002)

Recommendations of the report (Eisner et al. 2003)

- Better integration of the loose network of extant prevention/intervention resources
 - Implementation of two early prevention programmes
 - Triple P Parent Training
 - PATHS socio-emotional skills programme
 - Proper evaluation of the programme implementation and outcomes
- Implementation of the two programmes within the framework of a cluster random trial with a factorial design (P1, P2, P1*P2, Control)



Sampling

Target Population

- All 1st graders in public schools of the city of Zurich 2004/5 (2'500 kids in 89 schools)

Sampling

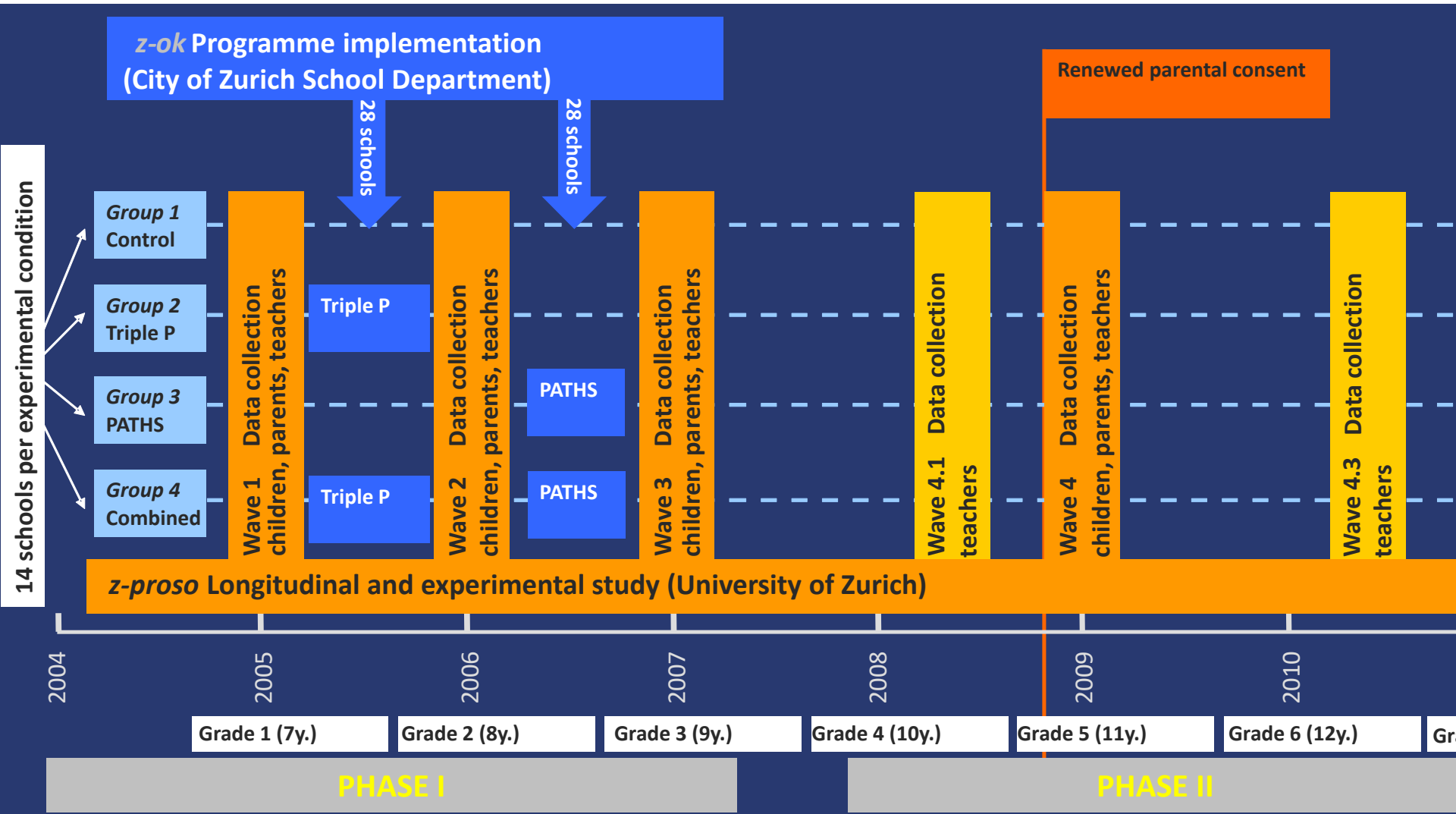
- 14 clusters of similar schools in respect of school district and size
- Within each cluster 4 schools were drawn and each one randomly allocated to one of the 4 treatment condition

Sample Structure

- $14 \times 4 = 56$ schools
- Initial target population: **1'675 kids** (66.6% of the target population)

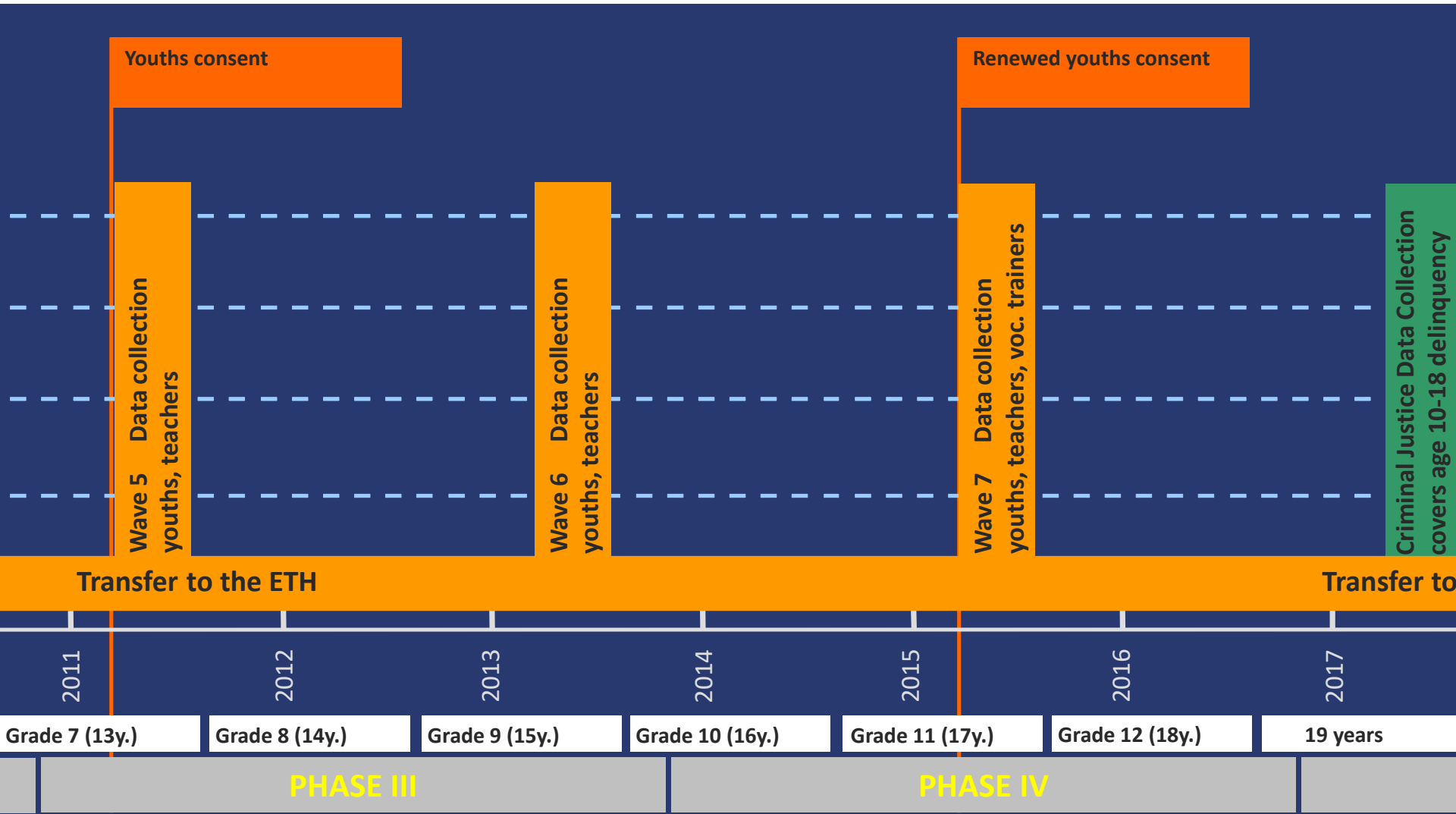


Project Overview, Phases I & II, W1-W4



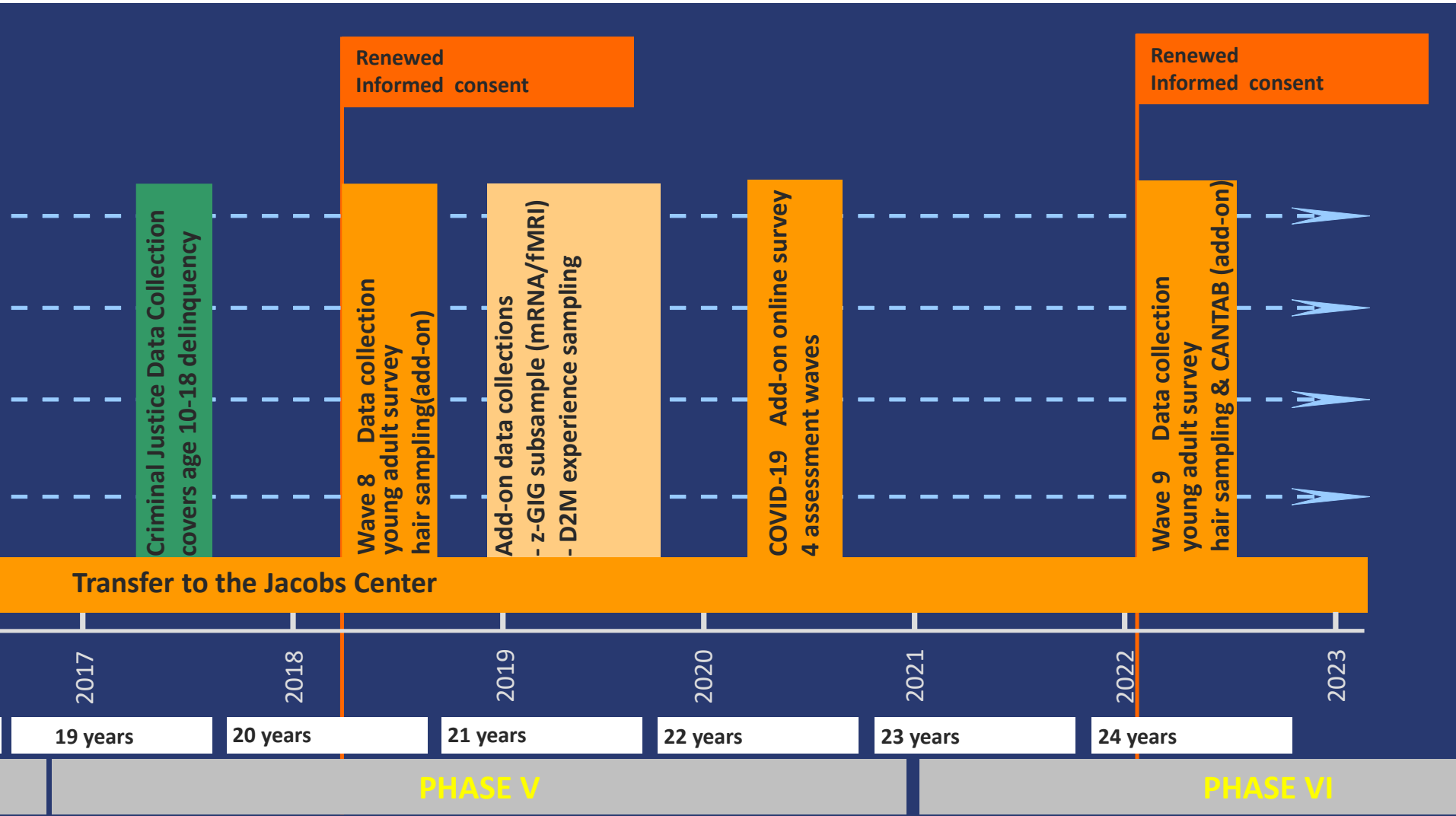


Project Overview, Phases III & IV, W5-W7



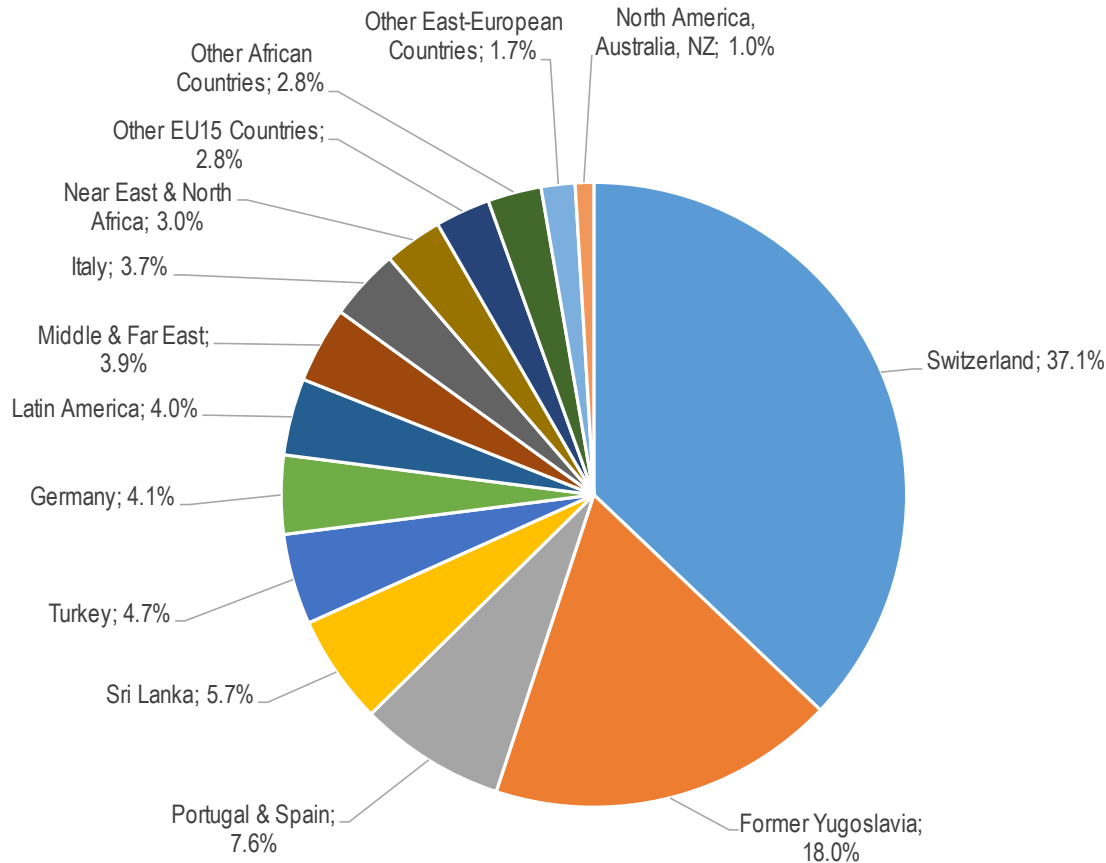


Project Overview, Phases V & VI, W8-W9



Sample Structure by Parents' Birth Country

A multiethnic sample: > 60% of the parents born outside Switzerland



but: 90% of the participants born in Switzerland



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W9 Data Collection & Questionnaire



Main Data Collection W9

Feb-Aug 2022

- Main z-proso questionnaire
- Add-on measurements in the Lab/online
 - CANTAB Neuropsychological Assessment (Quednow & team)
 - Follow-up hair sampling (hair toxicology/endocrinology) (Quednow & team)
 - Sexual harassment video vignette (Nagin & team)
- Add-on measurements recruitment
 - z-prosoNextGen (z-proso team)
 - Decades-to-Minutes experience sampling (Murray & team)
 - z-GIG II (follow-up neurocognitive tasks in connection with fMRI measurements) (z-GIG I, 2019/20)
- Two settings offered:
 - In the DeSciL Lab
 - Online



Key Repeat Measures (started before W8)

- *Behavioural Outcomes and Victimization:*
Social Behaviour Questionnaire, Delinquency, Substance Use, Bullying, IPV, Violent Victimization, Buying/Selling Sexual Services
- *“Endogenous” Factors:*
Self-Control, Moral Neutralisation, Morality, Shame & Guilt, Violent Ideations, Violent Extremist Attitudes, Norms of Masculinity, Police Legitimacy, Legal Cynicism, Sexual Orientation
- *“Exogenous” Factors:*
Life-Events, Peer- & Partner-Relationship, Media Use, Routine/Leisure Activities
- *Sociodemographic Background Factors:*
Education, Occupation, Household Structure



New Measures Introduced at W8

- Stress Scale (L. Shanahan, UZH)
- Psychotic perception (A. Murray, Edinburgh)
- Acceptance of political violence (A. Nivette, Utrecht)
- Vividness of the Future (J.-L. van Gelder, MPI)
- Refined substance use scales & NPU (B. Quednow/L. Shanahan)
- Weapon Ownership
- And some more...

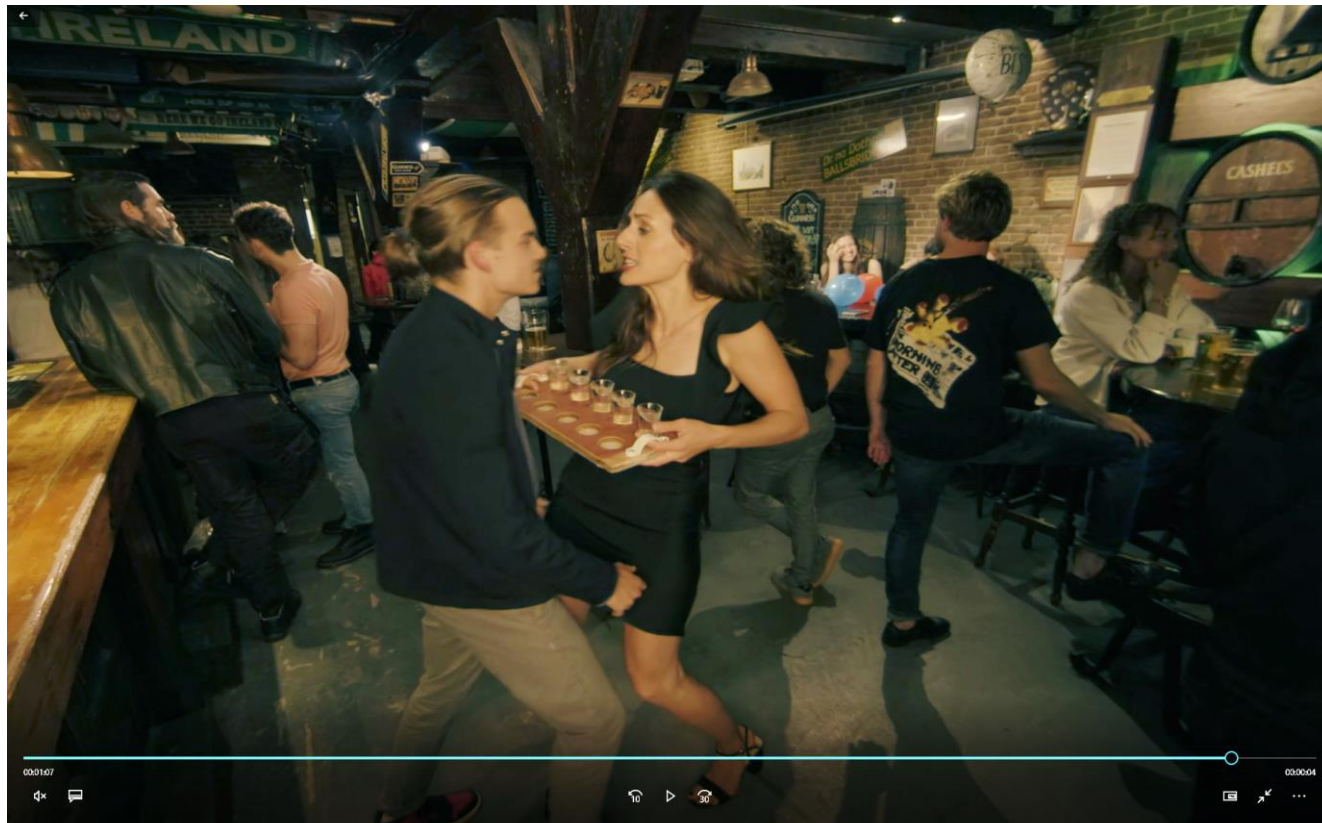


New Measures Introduced at W9 (2022)

- COVID-19-related items (vaccination, health- and psychosocial impact, attitudes toward government measures)
- Stress Coping Scale
- Substantially modified Life-Event Scale
- Extended Victimization Scale
- Gender Identity, Openness with LGB Sexual Orientation, «InCel» assessment, unwanted sex under influence
- Quality of Partnership Scale
- Extended Pregnancy & Parenthood Scales
→ *z-proso NextGen*
- Extended bullying scale (e.g. verbal bullying, stalking, sexual harassment, discriminatory experiences)
- Conspiracy beliefs
- Political orientation (left-right scale)
- Further extension of the substance use assessment

W9 Video vignette add-on (Team Dan Nagin)

- At the end of the questionnaire, participants are invited to watch and rate a short video of a scene of sexual harassment in a bar.





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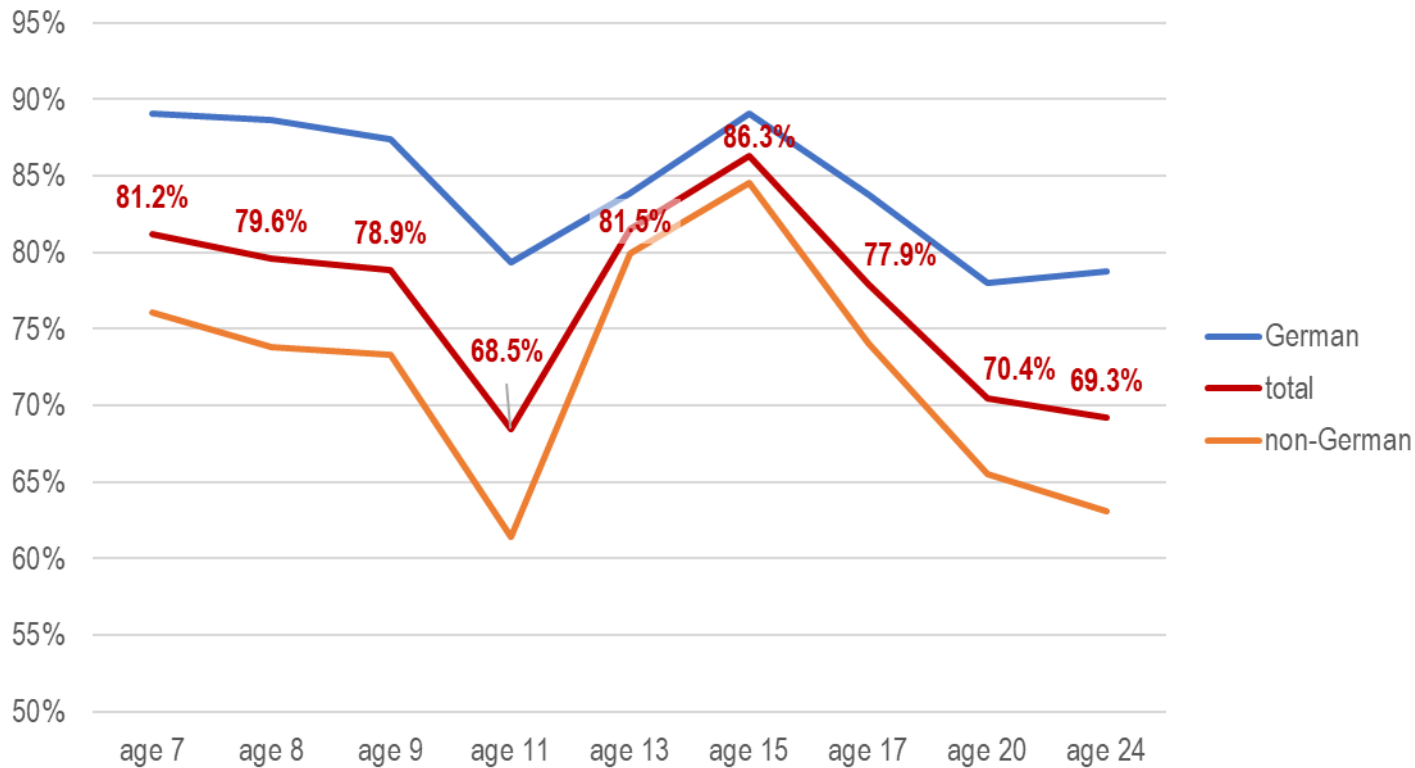


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How did the fieldwork succeed?

Child/Youth Participation Rate by Mother Tongue



- ~80% of those defined «contactable» participated (1160/~1440)
- 75% of W1 participants still participating
- 95 «lost kids» (i.e. non-W8) participated again at W9



Add-on Study Recruitment/Participation

- Participation Main Questionnaire & Video Vignette n=1160
- Participation Hair Study n=886
- Participation CANTAB: n=1050
- Consents NextGen: 56
- Consents z-GIG 2: 129 (out of 160!)
- Consents D2M follow-up: 864



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What's coming next?



Outlook

- Data cleaning & preparation – data ready by November ... hopefully
- Deriver proper scales from the criminal justice data (age 10-17)
- Ongoing data documentation
 - K4-7 ready
 - Next: Teacher surveys, Parent surveys, Child surveys (K1-3), General study handbook, extended data dictionary
- Data sharing via open access repository (FORSbase)
- Criminal justice data collection (age 18-24) – scheduled for spring/summer 2023 (consent obtained 2018)
- Add-ons:
 - D2M II to start in October 2022
 - z-prosoNextGen to start early 2023
 - z-GIG to start in summer 2023