

## **BASELINE INSTRUMENTS**

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### **A) Sociodemography**

- A1 Current professional situation – standard question from Swiss Health Survey
- A2 Highest achieved education – standard question from Swiss Health Survey
- A3 Birthday
- A4 Postal Code of community
- A5 Housing situation – own development
- A6 Perceived income situation – own development
- A7 Civil status – standard question from Swiss Health Survey
- A8 Number of children
- A9 Pregnancy of partner
- A10 Number of Siblings
- A11 Religion – Standard from Federal Population Survey Suisse
- A12 Spirituality – from: Religious Practices and Beliefs (RPB 2I), ref.:  
<http://casaa.unm.edu/inst/Religious%20Practices%20and%20Beliefs.pdf>

### **B) Health**

- B1 Height
- B2 Weight
- B3 – B9) Physical and mental health, instrument: SF-12 (Ware, Kosinski, & Keller, 1995)
- B10 Consequences without mentioning of explicit substance involvement: consequences from standard instruments:  
a-j) ESPAD; (European School Survey Project on Alcohol and Drugs, see: <http://www.espad.org/>)

- k –m) Wechsler-Surveys (e.g., Wechsler, Davenport, Dowdall, Moeykens, & Castillo, 1994)
- n- q) Semi-Structured Assessment for the Genetics of Alcoholism (SSAGA II; Bucholz et al., 1994; Hesselbrock, Easton, Bucholz, Schuckit, & Hesselbrock, 1999)
- B11 Major depressive (ICD-10) Inventory- WHO-MDI e.g., <http://www.who-5.org> (Bech, Rasmussen, Olsen, Noerholm, & Abildgaard, 2001; Olsen, Jensen, Noerholm, Martiny, & Bech, 2003)
- B12 – B17 International physical activity questionnaire short version (IPAQ; shortened for "sitting"), e.g., [https://sites.google.com/site/theipag/](https://sites.google.com/site/theipaq/) (e.g., Craig et al., 2003)

## C) Family Context

- C1 - C2 Parental Situation (biological parents; adoption, etc): Adapted Version from AUDADIS IV (Grant et al., 2003)
- C3 Education of parents – question adopted from ESPAD
- C4 Financial Situation of parents – question from ESPAD (being well off compared to others)
- C5 Relationships with parents before age of 18 – questions from ESPAD
- C6 Parental rule setting at age 15 – questions from ESPAD
- C7- C8 Parental attitudes and values (see also Wood, Read, Mitchell, & Brand, 2004, for other parental items above)
- C9 Family history of psychiatric, alcohol or drug problems – WHO Assist project: [http://www.who.int/substance\\_abuse/activities/assist\\_technicalreport\\_phase2\\_final.pdf](http://www.who.int/substance_abuse/activities/assist_technicalreport_phase2_final.pdf) page: 98, probably influenced by family history from ASI (McLellan et al., 1985).
- C10 Peer history of psychiatric, alcohol or drug problems – adopted following C9 for peers.

**D) Alcohol**

- D1 Normative drinking – standard descriptive norms as described by Miller and Prentice (1996)
- D2 Age of onset drinking – standard question e.g. ESPAD
- D3 Age of onset drunkenness - standard question e.g. ESPAD
- D4 Filter for lifetime abstainers
- D5 Effects first time drinking - Self-rating of the effects of alcohol (SRE; Schuckit et al., 2007)
- D6 Filter for former drinkers
- D7 Alcohol: usual frequency
- D8 Alcohol: usual quantity
- D9 Alcohol: binge drinking; Alcohol Used Disorder Identification Test , question 3 (AUDIT; Saunders, Aasland, Babor, De La Fuente, & Grant, 1993)
- D10 Alcohol: maximum quantity – standard question in many alcohol surveys worldwide.
- D11 Alcohol: frequency 12 months weekends (extended quantity-frequency)
- D12 Alcohol: quantity 12 months weekends (extended quantity-frequency)
- D13 Alcohol: frequency 12 months weekdays (extended quantity frequency)
- D14 Alcohol: quantity 12 months weekdays weekends (extended quantity frequency)
- D15 Frequency of drinking in different locations (New Zealand National Alcohol Tracking Survey 2000:  
<http://www.aphru.ac.nz/projects/alcohol%202000%20apendices.htm>)
- D16 Quantity in different locations (New Zealand National Alcohol Tracking Survey 2000:  
<http://www.aphru.ac.nz/projects/alcohol%202000%20apendices.htm>)

- D17 Retrospective drinking diary – standard 7 day drinking diary.
- D18 Alcohol use consequences - Harvard School of Public Health College Alcohol Study (CAS; Knight et al., 2002; Wechsler et al., 1994)
- D19 Alcohol Dependence/ Abuse criteria- Harvard School of Public Health College Alcohol Study (CAS; Knight et al., 2002; Wechsler et al., 1994) DSM IV and DSM-V (craving) criteria as in Audadis, SSAGA, M.I.N.I or CIDI
- D20 Drinking motives Questionnaire Revised Short Form (DMQ-R SF; Kuntsche & Kuntsche, 2009)
- D21 Simultaneous use of Alcohol and other drugs – own development

## E) Tobacco

- E1 Normative tobacco use – standard descriptive norms as described by Miller and Prentice (1996)
- E2 Ever use of different tobacco products – filter question
- E3 Effects during first use experience questions as used by e.g., DiFranza et al. (2004).
- E4 Onset of cigarette use - standard question e.g. ESPAD.
- E5 Onset of daily cigarette use - standard question e.g. ESPAD
- E6 Past 12 months use of cigarettes
- E7 Frequency of cigarette use
- E8 Quantity of cigarettes use
- E4 – E8** Is repeated for smoking products, i.e. water pipes (E9-E13), cigars/cigarillos (E29-E33), and pipes (E34-E-38), and for smokeless tobacco-products, i.e. snus (E14–E18), Snuff(E19-E23), and chewing tobacco (E24-E28).
- E39 Filter for tobacco use in the past 12 months
- E40-E44 Fagerström Test for Nicotine Dependence (FTND; Heatherton, Kozlowski, Frecker, & Fagerstrom, 1991)
- E45 Simultaneous use – own development

**F) Cannabis**

- F1 Normative cannabis use – standard descriptive norms as described by Miller and Prentice (1996)
- F2 Ever use
- F3 Effects of first use - original from Fergusson, Horwood, Lynskey and Madden (2003), French version in the SAGE study (Susceptibilité à l'alcool : génétique et environnement; Le Strat et al., 2009)
- F4 Age of onset of use
- F5 Age of onset of stoned
- F6 Past 12 months use of cannabis
- F6 – F12 Cannabis Use Disorder Identification Test (CUDIT; Adamson & Sellman, 2003)
- F9 Last two questions revised version of CUDIT (Annaheim, Scotto, & Gmel, 2010)
- F10 Revised version of CUDIT (Annaheim et al., 2010)
- F13 e-toke, San Diego University, used in the ATOMIC Study in Switzerland, here shortened version.
- F14 Frequency of driving under the influence of cannabis in the past 4 hours - effect duration approximately from Harder and Rietbrock (1997)
- F15 Route of administration cannabis, self developed
- F16 Simultaneous use – own development

**G) Other illicit drugs**

- G1 Normative use - standard descriptive norms as described by Miller and Prentice (1996)
- G2 Prevalence lifetime use Standards for reporting from European Monitoring Center for Drugs and Drug Addiction (EMCDDA)
- G3 12 Months prevalence Standards for reporting from European Monitoring Center for Drugs and Drug Addiction (EMCDDA)

G4 30 days prevalence Standards for reporting from European Monitoring Center for Drugs and Drug Addiction (EMCDDA)

## **H) Prescribed drugs**

H1 Drugs used, 12 months prevalence and frequencies  
H2 prevalence and frequency of smart drug use; intended effects  
H3 Types of smart drugs used (pharmaceutical names)  
H4 Anabolic steroid prevalence

## **I) Substance combination**

I1 Usual combined substances at weekends: 12 months prevalence  
I2 Maximum combined substances in last 12 months

## **J) Personality and leisure time activities**

J1 Attention deficit syndrome Adult ADHD Self-Report Scale, 6 items screener version (ASRS-v1.1; Kessler et al., 2005)  
J2 Brief sensation seeking scale (BSSS; Hoyle, Stephenson, Palmgreen, Lorch, & Donohew, 2002)  
J3 Zuckerman-Kuhlmann Personality scale, 3 Subscales: a) Agression/Hostility; b) Sociability; c) Neuroticism/Anxiety (ZKPQ-50-cc; Aluja et al., 2006)  
J4 Leisure time activity from ESPAD  
J5. Peer Pressure Inventory (PPI; Brown, Clasen, & Eicher, 1986), shortened, Only scales for C = peer conformity; P = peer involvement; M = misconduct ; and only the six items with highest loadings  
J6 7 items Game Addiction Scale (Lemmens, Valkenburg, & Peter, 2009), adapted to cover gaming and internet use simultaneously  
J7 Gambling behaviors: 12 months prevalence from largest scale survey in Switzerland, the Swiss Health Survey  
J8 Self-reported problem gambling, self-developed item

- J9 Money spent monthly on gambling, from largest scale survey in Switzerland, the Swiss Health Survey
- J10-J11 Anti-social Personality Disorder ASPD from (Lecrubier et al., 1998), also used with ASSIST-WHO

## K) Sexuality

- K1 Sexual preferences
- K2 Prevalence of completed sexual intercourse
- K3 Age of first sexual intercourse
- K4 Number of sexual partners in the past 12 months
- K5-K9 Erectile Dysfunction, from International Index of erectile function (IIEF-5; Rosen, Cappelleri, Smith, Lipsky, & Pena, 1999)
- K10-K11 Premature ejaculation: 6 months prevalence, two items from Premature Ejaculation Prevalence and Attitude survey (PEPA; Porst et al., 2007)

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