

## 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.:<br><a href="http://casaa.unm.edu/inst/Religious%20Practices%20and%20Beliefs.pdf">http://casaa.unm.edu/inst/Religious%20Practices%20and%20Beliefs.pdf</a> |

### 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:<br><br>a-j) ESPAD; (European School Survey Project on Alcohol and Drugs, see: <a href="http://www.espad.org/">http://www.espad.org/</a> ) |

- 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/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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