

Supplementary Material

STab. 1 Demographic characteristics of excluded participants due to uncertainty of housing stability

Socio-demographic characteristics N=64	Excluded Participants N/Mean (% or SD)	Clinical characteristics N=64	Excluded Participants N/Mean (% or SD)
Female	25 (39.1%)	Age of first psychiatric in-patient treatment	25.3 (\pm 11.7)
Age in years	35.2 (\pm 13.8)	Age of first psychiatric out-patient treatment	23.0 (\pm 7.1)
Verbal intelligence (approximated using the Multiple-Choice Vocabulary Test)	93.9 (\pm 12.8)	Age of first psychiatric medication	25.4 (\pm 10.7)
Years in school	10.9 (\pm 2.4)	Attempted suicide in history	29 (45.3%)
Years of education after school	2.6 (\pm 3.2)	Psychiatric disorders according to ICD-10	
School diploma		Organic mental disorders	1 (1.6%)
Diploma from German secondary school qualifying for university admission	19 (31.1%)	Mental and behavioural disorders due to psychoactive substance use (excluding nicotine)	29 (45.3%)
School-leaving certificate usually taken after the fifth year of secondary school (Mittlere Reife)	19 (31.1%)	Schizophrenia, schizotypal and delusional disorders	23 (35.9%)
Certificate of Secondary Education (Hauptschule)	13 (21.3%)	Affective disorders	13 (20.3%)
School for handicapped children	1 (1.6%)	Neurotic, stress-related and somatoform disorders	8 (12.5%)
No school diploma	9 (14.8%)	Behavioural syndromes associated with physiological disturbances and physical factors	2 (3.1%)
Marital status		Personality disorders	13 (20.3%)
Married	9 (14.3%)	Mental retardation	3 (4.7%)
In a relationship	14 (22.2%)	Disorders of psychological development	0 (0%)
Divorced / in separation	6 (9.5%)	Behavioural and emotional disorders with onset usually occurring in childhood and adolescence	3 (4.7%)
Widowed	0 (0%)	Characteristics of hospital stay	
Single	34 (45.3%)	Length of stay (Median Q1-Q3)	29 (16-52)
Country of origin other than Germany	14 (21.9%)	Readmission 6 months prior to the interview	14 (21.9%)
Migration background	32 (50.0%)		

Legend STab. 1:

SD = Standard deviation.

STab. 2 Subgroup analyses: comparisons of characteristics of hospital stay and disorder related variables in diagnostic subgroups between housing types

	Homeless Participant Group (HPG) N/Mean (% or SD)	Socio-therapeutic facilities Participant Group (SPG) N/Mean (% or SD)	Apartment Participant Group (APG) N/Mean (% or SD)	Statistics
Mental and behavioural disorders due to psychoactive substance use (excluding nicotine)				
Demographic characteristics				
Female	10 (21.7%)	12 (22.2%)	53 (34.9%)	$\chi^2=4.78$; $p=0.092$
Age in years	37.8 (± 1.6)	43.6 (± 12.7)	41.6 (± 11.9)	$F^a=3.03$; $p=0.050$
Disorder-related characteristics				
Age of first psychiatric out-patient treatment*	24.4 (± 10.5)	25.8 (± 12.6)	30.5 (± 12.9)	$\chi^2=6.14$; $p=0.047$
Age of first psychiatric in-patient treatment*	22.5 (± 7.8)	26.9 (± 10.0)	30.0 (± 12.7)	$\chi^2=11.75$; $p=0.003$
Age of first psychiatric medication*	23.0 (± 9.0)	25.8 (± 9.1)	30.0 (± 10.9)	$\chi^2=9.49$; $p=0.009$
Suicide attempt in history	14 (31.8%)	23 (46.0%)	51 (35.4%)	$\chi^2=2.40$; $p=0.301$
Number of suicide attempts (Median Q1-Q3)	2.0 (1.0-3.0)	2.0 (1.0-4.0)	2.0 (1.0-3.0)	$\chi^2=0.53$; $p=0.768$
Characteristics of hospital stay				
Length of stay in days** (Median Q1-Q3)	16 (8-29)	14 (9-23)	20 (13-36)	$\chi^2=8.89$; $p=0.012$
Readmission 6 months prior to the interview***	18 (39.1%)	24 (44.4%)	40 (26.1%)	$\chi^2=7.26$; $p=0.027$
Compulsory admission	4 (8.7%)	4 (7.4%)	8 (5.2%)	$\chi^2=0.85$; $p=0.653$
Compulsory hospitalization	6 (13.0%)	6 (11.1%)	13 (13.1%)	$\chi^2=0.94$; $p=0.626$
Schizophrenia, schizotypal and delusional disorders				
Demographic characteristics				
Female	152 (46.6%)	35 (40.2%)	15 (24.2%)	$\chi^2=10.96$; $p=0.004$
Age in years****	32.8 (± 9.4)	37.0 (± 14.9)	42.8 (± 13.1)	$F^a=4.96$; $p=0.009$
Disorder-related characteristics				
Age of first psychiatric out-patient treatment	26.9 (± 10.9)	23.9 (± 6.2)	28.8 (± 13.0)	$\chi^2=12.29$; $p=0.481$
Age of first psychiatric in-patient treatment**	23.9 (± 8.3)	22.9 (± 5.1)	29.6 (± 13.4)	$\chi^2=23.90$; $p=0.014$
Age of first psychiatric medication**	26.1 (± 6.5)	22.7 (± 5.4)	28.5 (± 13.5)	$\chi^2=21.89$; $p=0.042$
Suicide attempt in history	4 (25.0%)	6 (35.3%)	17 (26.2%)	$\chi^2=0.63$; $p=0.731$
Number of suicide attempts (Median Q1-Q3)	2.0 (1.0-3.0)	1.0 (1.0-1.5)	1.0 (1.0-2.0)	$\chi^2=1.48$; $p=0.477$
Characteristics of hospital stay				
Length of stay in days (Median Q1-Q3)	31 (10-93)	32 (11-115)	46 (25-74)	$\chi^2=2.24$; $p=0.326$
Readmission 6 months prior to the interview	9 (50.0%)	8 (36.4%)	27 (38.6%)	$\chi^2=0.93$; $p=0.628$
Compulsory admission	6 (33.3%)	2 (9.1%)	18 (25.7%)	$\chi^2=3.68$; $p=0.159$
Compulsory hospitalization	8 (44.4%)	5 (22.7%)	24 (34.3%)	$\chi^2=2.13$; $p=0.345$

Legend STab. 2: SD = Standard deviation;

*significant group difference after Mann-Whitney-Test and after adjusted alpha-level by Bonferroni's method= $\alpha/3$ (p-level=0.016) between APG and HPG;

**significant group difference after Mann-Whitney-Test and after adjusted alpha-level by Bonferroni's method= $\alpha/3$ (p-level=0.016) between APG and SPG;

***significant group difference;

**** significant group difference between APG and HPG after using Scheffe's method (p=0.017).

STab. 3 Socio-demographic variables for the three different housing types

Demographic characteristics (N=476)	Apartment Participant Group (APG) N=327 N/Mean (% or SD)	Socio-therapeutic facilities Participant Group (SPG) N=87 N/Mean (% or SD)	Homeless Participant Group (HPG) N=62 N/Mean (% or SD)	Statistics
Verbal intelligence* (approximated using the Multiple-Choice Vocabulary Test)	100.0 (±13.2)	92.65 (±8.9)	94.85 (±13.1)	F ^a =7.55; p=0.001
Years in school**	11.2 (±2.2)	10.3 (±2.1)	10.1 (±2.4)	X ² =17.14; p<0.001
Years of education after school**	3.9 (±3.1)	2.2 (±1.9)	2.8 (±3.0)	X ² =30.79; p<0.001
School diploma***				X ² =40.14; p<0.001
Diploma from German secondary school qualify- ing for university admission	135 (42.5%)	12 (14.8%)	17 (28.3%)	
School-leaving certificate usually taken after the fifth year of secondary school (Mittlere Reife)	101 (31.8%)	31 (38.3%)	14 (23.3%)	
Certificate of Secondary Education (Hauptschule)	49 (15.4%)	16 (19.8%)	14 (23.3%)	
School for handicapped children	2 (0.6%)	3 (3.7%)	0 (0.0%)	
No school diploma	31 (9.7%)	19 (23.5%)	15 (25.0%)	
Marital status***				X ² =19.87; p=0.011
Married	49 (15.5%)	4 (4.8%)	6 (10.2%)	
In a relationship	53 (16.8%)	7 (8.4%)	5 (8.5%)	

Divorced / in separation	59 (18.7%)	13 (15.7%)	15 (25.4%)	
Widowed	12 (3.8%)	5 (6.0%)	1 (1.7%)	
Single	143 (45.3%)	54 (65.1%)	32 (54.2%)	
Country of origin other than Germany	71 (22.0%)	26 (31.3%)	18 (29.5%)	$\chi^2=3.94$; $p=0.140$
Migration background	124 (38.5%)	34 (41.0%)	24 (39.3%)	$\chi^2=0.17$; $p=0.919$

Legend STab. 3:

SD = Standard deviation;

*significant group difference between APG and SPG after using Scheffe's method;

**significant group difference after Mann-Whitney-Test and after adjusted alpha-level by Bonferroni's method= $\alpha/3$ (p -level=0.016) between the APG and SPG and APG and HPG, no significant group difference between HPG and SPG;

***Significant group difference; ^aANOVA; Descriptive statistics were calculated only on available data, excluding missing cases.

STab. 4 Multinomial logistic regression of social and clinical factors associated with the current housing type

Characteristic (n=419)	Homeless Participant Group (HPG) ^a			Socio-therapeutic facilities Participant Group (SPG) ^a		
	Odds ratio (95% CI)	P	Adjusted P*	Odds ratio (95% CI)	P	Adjusted P*
Constant		0.136			<0.001	
Age	0.97 (0.94-1.01)	0.107	1	1.00 (0.97-1.03)	0.995	1
Gender						
<i>Male</i>	1.27 (0.62-2.60)	0.507	1	1.03 (0.56-1.88)	0.935	1
<i>Female</i>	Reference			Reference		
Age of first psychiatric out- or inpatient treatment	0.99 (0.96-1.03)	0.644	1	0.98 (0.95-1.01)	0.158	0.316
Marital status						
<i>Divorced / in separation or widowed or single</i>	1.92 (0.89-4.13)	0.095	0.190	2.34 (1.14-4.83)	0.021	0.042**
<i>Married or in a relationship</i>	Reference			Reference		
School diploma						
<i>School for handicapped children/no school diploma</i>	2.90 (1.33-6.31)	0.007	0.014**	3.52 (1.76-7.03)	<0.001	0.001**
<i>Diploma from German secondary school</i>	Reference			Reference		
Psychiatric disorders according to ICD-10						
<i>Mental and behavioural disorders due to psychoactive substance use (excluding nicotine)</i>	0.42 (0.18-0.96)	0.039	0.078	1.20 (0.56-2.58)	0.635	1
<i>Schizophrenia, schizotypal and delusional disorders</i>	0.91 (0.38-2.16)	0.825	1	1.36 (0.59-3.14)	0.467	0.934
<i>Affective disorders</i>	1.78 (0.72-4.40)	0.214	0.428	4.22 (1.67-10.71)	0.002	0.004**
<i>Neurotic, stress-related and somatoform disorders</i>	0.77 (0.30-1.99)	0.594	1	3.91 (1.19-12.88)	0.025	0.050
<i>Personality disorders</i>	2.27 (0.90-5.70)	0.081	0.162	0.82 (0.40-1.68)	0.581	1

Legend Stab. 4: ^ain reference to APG (Apartment Participant Group);

*Adjusted p-value was calculated by Bonferroni's method;

**significant.

Organic mental disorders, mental retardation and behavioural syndromes associated with physiological disturbances and physical factors, disorders of psychological development and Behavioural and emotional disorders with onset usually occurring in childhood and adolescence were excluded due to a small number of cases; Significance of the model: $p < 0.001$.