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Table DS1 Univariate associations between criminal history risk factors and violent crime in men with schizophrenia (n=8,891).

Risk Factors Measured Prior to Diagnosis		n Violent		<i>n</i> Violent	Hazard Ratio	z	р
		Without	With	Without	(95% CI)		•
Conviction for more than one type of sexual offence	4	1,531	3	7,353	5.5 (1.8 – 16.5)	3.0	**
Persistent offender	427	1,108	859	6,497	3.1(2.7 - 3.4)	19.5	***
Versatile offender	547	988	1,217	6,139	2.9(2.6 - 3.2)	19.7	***
Escalation in offence seriousness	10	1,525	15	7,341	2.9(1.6 - 5.2)	3.6	***
Three or more convictions for any offence	608	927	1,452	5,904	2.8(2.5 - 3.1)	19.6	***
Two or more convictions for any offence	777	758	2,085	5,271	2.7(2.5 - 3.0)	19.7	**
Conviction for burglary	137	1,398	237	7,119	2.5(2.1 - 3.0)	10.3	***
Most recent conviction for assault	103	1,432	229	7,127	2.4(1.9 - 2.9)	8.4	***
Conviction for theft	597	938	1,587	5,769	2.3(2.1-2.6)	16.1	***
Conviction for criminal damage	290	1,245	678	6,678	2.3(2.0-2.6)	12.9	***
Most recent conviction for breach of trust	53	1,482	145	7,211	2.3(1.9 - 2.6)	10.7	***
Conviction for breach of trust	193	1,342	451	6,905	2.3(1.9 - 2.6)	10.7	***
Conviction for another penal code violation	184	1,351	455	6,901	2.2(1.8 - 2.5)	9.8	***
<16 years of age at first conviction for any offence	59	1,476	151	7,205	2.1(1.6 - 2.7)	5.6	***
Most recent conviction for illegal threats and/or intimidation	69	1,466	212	7,144	1.8(1.4 - 2.4)	4.9	***
Most recent conviction for weapon use	36	1,499	117	7,239	1.8(1.2 - 2.5)	3.2	**
Most recent conviction for burglary	19	1,516	40	7,316	1.8(1.1 - 2.8)	2.5	*
Conviction for arson/endangerment offence	27	1,508	81	7,275	1.7(1.2 - 2.6)	2.7	**
Most recent conviction for theft	260	1,275	797	6,559	1.6(1.4 - 1.8)	7.0	***
Most recent conviction for criminal damage	96	1,439	292	7,064	1.6(1.3 - 2.0)	4.4	***
Most recent conviction arson/endangerment offence	11	1,524	37	7,319	1.6(0.8 - 3.0)	1.4	0.17
Sibling convicted of a violent offence ^a	178	1,357	558	6,796	1.5(1.3 - 1.8)	5.2	***
Number of convictions for sexual offences					1.5(1.1 - 1.9)	2.8	**
Most recent conviction for another penal code violation	38	1,497	125	7,231	1.5(1.1-2.0)	2.4	*
Conviction for a military offence	52	1,483	160	7,196	1.4(1.1 - 1.9)	2.6	**
Number of convictions for violent offences ^b					1.3(1.3 - 1.4)	11.1	***
Number of terms imprisonment (juvenile and/or adult) ^c					1.1(1.1 - 1.2)	8.3	***
Number of convictions for non-violent offences ^d					1.0(1.0 - 1.1)	13.9	***
Number of convictions for any offence ^d					1.0(1.0 - 1.1)	13.7	***
Most recent conviction for a military offence	15	1,520	58	7,298	1.0(0.6-1.8)	0.2	0.86

Note: Risk factors ranked in descending order according to HR magnitude. For risk factors measured continuously, numbers with and without the risk factor cannot be calculated.

^a Data on siblings missing for two individuals.

^b Rounded to two decimal places, HR=1.34, 95% CI 1.27 – 1.41.

^c Rounded to two decimal places, HR=1.15, 95% CI 1.11 – 1.18.

^dRounded to two decimal places, HR=1.05, 95% CI 1.04 – 1.06.

^{*** =} significant to the 0.001 level.

^{** =} significant to the 0.01 level.

^{* =} significant to the 0.05 level.

Table DS2 Univariate associations between criminal history risk factors and violent crime in women with schizophrenia (n=4,915).

Risk Factors Measured Prior to Diagnosis		n Violent		<i>n</i> Violent	Hazard Ratio (95% CI)	z	р
		Without	With	Without	(93 /6 C1)		
Persistent offender	34	247	80	4,554	10.2 (7.0 – 15.0)	11.9	***
Most recent conviction for weapon use	7	274	15	4,619	9.4(3.9 - 22.4)	5.0	***
Most recent conviction for illegal threats and/or intimidation	12	269	27	4,607	8.5(4.5-15.8)	6.7	***
Versatile offender	55	226	167	4,467	7.5(5.6-10.2)	13.0	***
Three or more convictions for any offence	55	226	182	4,452	7.4(5.4 - 10.0)	12.8	***
Conviction for burglary	6	275	14	4,620	7.2(2.8 - 18.5)	4.1	***
Most recent conviction for assault	16	265	48	4,586	6.6(3.9-11.0)	7.2	***
Conviction for another penal code violation	15	266	43	4,591	6.3(3.6-11.0)	6.5	***
Two or more convictions for any offence	78	203	327	4,307	5.9(4.5-7.7)	13.0	***
<16 years of age at first conviction for any offence	3	278	11	4,623	5.7(1.3 - 24.4)	2.4	*
Conviction for arson/endangerment offence	6	275	25	4,609	5.4(2.2-13.2)	3.7	***
Most recent conviction for another penal code violation	6	275	22	4,612	5.2(2.1-12.9)	3.5	***
Conviction for criminal damage	26	255	98	4,536	5.0(3.3-7.7)	7.5	***
Conviction for breach of trust	35	246	148	4,486	4.7(3.2-6.7)	8.2	***
Conviction for theft	70	211	398	4,236	4.1(3.1-5.4)	10.2	***
Most recent conviction for arson/endangerment offence	3	278	20	4,614	3.5(0.9-13.4)	1.8	0.07
Most recent conviction for criminal damage	10	271	56	4,578	2.8(1.5-5.6)	3.1	**
Most recent conviction for theft	36	245	296	4,338	2.5(1.8-3.6)	5.1	***
Most recent conviction for breach of trust	11	270	88	4,546	2.2(1.2-4.3)	2.5	*
Sibling convicted of a violent offence	40	241	321	4,313	2.1(1.5-2.9)	4.2	***
Number of convictions for violent offences					2.0(1.2-3.3)	2.7	**
Number of convictions for non-violent offences					2.0(1.2-3.3)	2.7	**
Number of terms of imprisonment (juvenile and/or adult)					1.9(1.2-2.8)	3.0	**
Number of convictions for any offence ^a					1.1(1.1 - 1.2)	5.1	***

Note: Risk factors ranked in descending order according to HR magnitude. For risk factors measured continuously, numbers with and without the risk factor cannot be calculated. As no women were convicted of any sexual offence, these risk factors cannot be included.

^a Rounded to two decimal places, HR=1.15, 95% CI 1.09 – 1.21.

^{*** =} significant to the 0.001 level.

^{** =} significant to the 0.01 level.

^{* =} significant to the 0.05 level.

Table DS3 Univariate associations between criminal history risk factors and violent crime in men with a history of offending prior to diagnosis with schizophrenia (n=4,502).

Risk Factors Measured Prior to Diagnosis		n Violent		<i>n</i> Violent	Hazard Ratio	z	р
		Without	With	Without	(95% CI)		•
Conviction for more than one type of sexual offence	4	1,047	3	3,448	3.6 (1.2 – 11.0)	2.3	*
Persistent offender	427	624	859	2,592	2.1(1.8-2.4)	11.7	***
Versatile offender	547	504	1,217	2,234	2.0(1.7-2.2)	11.0	***
Three or more convictions for any offence	608	443	1,452	1,999	1.9(1.7-2.2)	10.4	***
Two or more convictions for any offence	777	274	2,085	1,366	1.9(1.7-2.2)	9.2	***
Escalation in offence seriousness	10	1,041	15	3,436	1.9(1.1-3.5)	2.2	*
Conviction for burglary	137	914	237	3,214	1.7(1.4-2.0)	5.7	***
Most recent conviction for assault	103	948	229	3,222	1.6(1.3-1.9)	4.4	***
Conviction for theft	597	454	1,587	1,864	1.5(1.3-1.7)	6.3	***
Conviction for criminal damage	290	761	678	2,773	1.5(1.3-1.7)	6.2	***
Conviction for breach of trust	193	858	451	3,000	1.5(1.3-1.7)	5.1	***
Conviction for another penal code violation	184	867	455	2,996	1.4(1.2-1.7)	4.3	***
Sibling convicted of a violent offence ^a	152	899	379	3,071	1.4(1.1-1.6)	3.4	**
<16 years of age at first conviction for any offence	59	992	151	3,300	1.4(1.1-18)	2.4	*
Number of convictions for violent offences ^b					1.3(1.2-1.3)	11.3	***
Number of convictions for sexual offences					1.3(1.0-1.5)	2.4	*
Most recent conviction for illegal threats and/or intimidation	69	982	212	3,239	1.2(0.9-1.6)	1.6	0.11
Most recent conviction for weapon use	36	1,015	117	3,334	1.2(0.8-1.6)	0.9	0.36
Most recent conviction for burglary	19	1,032	40	3,411	1.2(0.7-1.9)	0.8	0.44
Number of terms imprisonment (juvenile and/or adult) ^c					1.1(1.1-1.1)	6.7	***
Most recent conviction for breach of trust	53	998	145	3,306	1.1(0.9-1.5)	0.9	0.35
Conviction for arson/endangerment offence	27	1,024	81	3,370	1.1(0.8-1.7)	0.7	0.49
Most recent conviction for a sexual offence	12	1,039	45	3,406	1.1(0.6-2.0)	0.3	0.75
Number of convictions for any offence ^d					1.0(1.0-1.0)	10.8	***
Number of convictions for non-violent offences ^d					1.0(1.0-1.0)	10.0	***
Most recent conviction for criminal damage	96	955	292	3,159	1.0(0.8-1.3)	0.4	0.67
Most recent conviction for theft	260	791	797	2,654	1.0(0.9-1.2)	0.1	0.88
Most recent conviction for arson/endangerment offence	11	1,040	37	3,414	1.0(0.5-2.0)	0.1	0.89
Most recent conviction for another penal code violation	38	1,013	125	3,326	0.9(0.7-1.3)	-0.1	0.89
Conviction for a military offence	52	999	160	3,291	0.9(0.7-1.3)	-0.3	0.76
Most recent conviction for a military offence	15	1,036	58	3,393	0.7(0.4-1.2)	-1.3	0.18

Note: Risk factors ranked in descending order according to HR magnitude. For risk factors measured continuously, numbers with and without the risk factor cannot be calculated.

^a Data on siblings missing for two individuals.

^b Rounded to two decimal places, HR=1.26, 95% CI 1.21 – 1.31.

^c Rounded to two decimal places, HR=1.10, 95% CI 1.07 – 1.14.

^d Rounded to two decimal places, HR=1.04, 95% CI 1.03 – 1.05.

^{*** =} significant to the 0.001 level.

^{** =} significant to the 0.01 level.

^{* =} significant to the 0.05 level.

RISK FACTOR	CODING DESCRIPTION					
CONTINUOUS RISK FACTORS						
Age at first conviction for any offence	Age at first conviction for any offence.					
Age at first conviction for a violent offence	Age at first conviction for any violent offence as defined in the methods section. Includes assault against a superior officer, the King, a member of the Royal family, or a					
	foreign Head of State. Excludes criminal damage, negligent homicide, and all sexual offences.					
Number of convictions for any offence	Total number of convictions received for any offence.					
Number terms of imprisonment (juvenile and/or adult)	Total number of prison terms received as an adult and/or as a juvenile.					
Number of convictions for non-violent offences	Total number of convictions received for a conviction for any offence other than those defined as violent in the methods section, as well as assault against a superior officer,					
	the King, a member of the Royal family, or a foreign Head of State.					
Number of convictions for sexual offences	Total number of convictions received for sexual offences.					
Number of convictions for violent offences	Total number of convictions received for any violent offence as defined in the methods section. Includes assault against a superior officer, the King, a member of the Royal					
	family, or a foreign Head of State. Excludes criminal damage, negligent homicide, and all sexual offences.					
CATEGORICAL RISK FACTORS						
Conviction for arson/endangerment	Coded as +1 if convicted of arson or other offences which endanger victims, 0 if otherwise. Includes trafficking, creating a situation of danger, and negligent homicide.					
Conviction for assault	Coded as +1 if convicted of common assault or aggravated assault, 0 if otherwise. Includes assault against a superior officer, the King, a member of the Royal family, or a					
	foreign Head of State.					
Conviction for breach of trust	Coded as +1 if convicted of forgery, embezzlement, and other fraud offences, 0 if otherwise.					
Conviction for burglary	Coded as +1 if convicted of any type of burglary, 0 if otherwise.					
Conviction for criminal damage	Coded as +1 if convicted of vandalism and other property damage offences, 0 if otherwise.					
Conviction for illegal threats	Coded as +1 if convicted of illegal threats or intimidation, 0 if otherwise. Coded as +1 if convicted of failure to prepare for military duty, failure to follow orders, desertion, and insubordination, 0 if otherwise. Excludes assault against a superior					
Conviction for a military offence	officer.					
Convictions for more than one type of sexual offence	Coded as +1 if convicted of more than one type of sexual offence, 0 if otherwise.					
Conviction for non-contact sexual offences	Coded as +1 if convicted of any non-contact sexual offence, 0 if otherwise. Excludes rape, attempted rape, sexual coercion, sexual exploitation, sexual exploitation of a					
	minor, or sexual molestation					
Conviction for a non-violent offence	Coded as +1 if convicted of any offence other than those defined as violent in the methods section, as well as assault against a superior officer, the King, a member of the					
	Royal family, or a foreign Head of State. Coded as 0 if otherwise.					
Conviction for another penal code violation	Coded as +1 if convicted of perjury, defamation, and violation of privacy, 0 if otherwise.					
Conviction for a sexual offence	Coded as +1 if convicted for any sexual offence, 0 if otherwise.					
Conviction for theft	Coded as +1 if convicted of theft from vehicles, vehicle theft, shoplifting, and other forms of theft, 0 if otherwise.					
Conviction for treason	Coded as +1 if convicted of treason, treachery, or espionage offences, 0 if otherwise. Excludes assault against the King, a member of the Royal family, or a foreign Head					
Contrate the Contrate to California (California)	of State.					
Conviction for a violation of the special codes	Coded as +1 if convicted of any violation of a Swedish code other than the Swedish Criminal Code, including violations of the Environmental Code and the Bookkeeping Act. Coded as 0 if otherwise.					
Conviction for a violent offence	Coded as +1 if convicted of any violent offence defined in the methods section, 0 if otherwise. Includes assault against a superior officer, the King, a member of the Royal					
Conviction for a violent offence	family, or a foreign Head of State. Excludes criminal damage, negligent homicide, and all sexual offences.					
Conviction for weapon use	Coded as +1 if convicted of weapon use, 0 if otherwise.					
Escalation in offence seriousness	Coded as +1 if offence seriousness increased over the 3 convictions immediately prior to diagnosis, 0 if otherwise. Offence seriousness was coded from the maximum					
Escalation in offence seriousness	imposable sentence for each conviction type.					
Family member convicted of a violent offence	Coded as +1 if mother/father/sibling were convicted on at least one occasion for any violent offence defined in the methods section, 0 if otherwise. Includes assault against					
·	a superior officer, the King, a member of the Royal family, or a foreign Head of State. Excludes criminal damage, negligent homicide, and all sexual offences.					
Father convicted of a violent offence	Coded as +1 if father was convicted on at least one occasion for any violent offence defined in the methods section, 0 if otherwise. Includes assault against a superior					
	officer, the King, a member of the Royal family, or a foreign Head of State. Excludes criminal damage, negligent homicide, and all sexual offences.					
History of imprisonment (juvenile and/or adult)	Coded as +1 if sentenced to a term of imprisonment as an adult and/or as a juvenile, 0 if otherwise.					
Mother convicted of a violent offence	Coded as +1 if mother was convicted on at least one occasion for any violent offence defined in the methods section, 0 if otherwise. Includes assault against a superior					
	officer, the King, a member of the Royal family, or a foreign Head of State. Excludes criminal damage, negligent homicide, and all sexual offences.					
Most recent conviction for arson/endangerment	Coded as +1 if conviction immediately prior to diagnosis was for arson and other offences which endanger victims, 0 if otherwise. Includes trafficking, creating a situation					
	of danger, and negligant homicida					

Coded as +1 if conviction immediately prior to diagnosis was for common assault or aggravated assault, 0 if otherwise. Includes assault against a superior officer, the

King, a member of the Royal family, or a foreign Head of State.

Coded as +1 if conviction immediately prior to diagnosis was for forgery, embezzlement, and other fraud offences, 0 if otherwise.

of danger, and negligent homicide.

Most recent conviction for assault

Most recent conviction for breach of trust

Most recent conviction for burglary Most recent conviction for criminal damage Most recent conviction for illegal threats Most recent conviction for a military offence

Most recent conviction for a non-violent offence

Most recent conviction for another penal code violation Most recent conviction for a sexual offence Most recent conviction for theft Most recent conviction for treason

Most recent conviction for a violation of the special codes

Most recent conviction for a violent offence

Most recent conviction for weapon use One of more conviction/s under 18 years of age Parent convicted of a violent offence

Persistent offender Sibling convicted of a violent offence

Three or more convictions for any offence Two or more convictions for any offence Versatile offender

<16 years of age at first conviction for any offence

Coded as +1 if conviction immediately prior to diagnosis was for any type of burglary, 0 if otherwise.

Coded as +1 if conviction immediately prior to diagnosis was for vandalism and other property damage offences, 0 if otherwise.

Coded as +1 if conviction immediately prior to diagnosis was for illegal threats or intimidation, 0 if otherwise.

Coded as +1 if conviction immediately prior to diagnosis was for failure to prepare for military duty, failure to follow orders, desertion and insubordination, 0 if otherwise. Excludes assault against a superior officer.

Coded as +1 if conviction immediately prior to diagnosis was for any offence other than those defined as violent in the methods section, as well as assault against a superior officer, the King, a member of the Royal family, or a foreign Head of State. Coded as 0 if otherwise.

Coded as +1 if conviction immediately prior to diagnosis was for perjury, defamation, and violation of privacy, 0 if otherwise.

Coded as +1 if conviction immediately prior to diagnosis was for any sexual offence, 0 if otherwise.

Coded as +1 if conviction immediately prior to diagnosis was for theft from vehicles, vehicle theft, shoplifting, and other forms of theft, 0 if otherwise.

Coded as +1 if conviction immediately prior to diagnosis was for treason, treachery, or espionage offences, 0 if otherwise. Excludes assault against the King, a member of the Royal family, or a foreign Head of State.

Coded as +1 if conviction immediately prior to diagnosis was for any violation of a Swedish code other than the Swedish Criminal Code, including violations of the Environmental Code and the Bookkeeping Act. Coded as 0 if otherwise.

Coded as +1 if conviction immediately prior to diagnosis was for any violent offence defined in the methods section, 0 if otherwise. Includes assault against a superior officer, the King, a member of the Royal family, or a foreign Head of State. Excludes criminal damage, negligent homicide, and all sexual offences.

Coded as +1 if conviction immediately prior to diagnosis was for weapon use, 0 if otherwise.

Coded as +1 if total number of convictions under 18 years of age is one or more, 0 if otherwise.

Coded as +1 if mother and/or father was convicted on at least one occasion for any violent offence defined in the methods section, 0 if otherwise. Includes assault against a superior officer, the King, a member of the Royal family, or a foreign Head of State. Excludes criminal damage, negligent homicide, and all sexual offences.

Coded as +1 if convicted of 5 or more offences, 0 if otherwise.

Coded as +1 if brother and/or sister was convicted on at least one occasion for any violent offence defined in the methods section, 0 if otherwise. Includes assault against a superior officer, the King, a member of the Royal family, or a foreign Head of State. Excludes criminal damage, negligent homicide, and all sexual offences.

Coded as +1 if convicted of 3 or more offences, 0 if otherwise.

Coded as +1 if convicted of 2 or more offences, 0 if otherwise.

Coded as +1 if convicted of two or more offences from the following categories: arson/endangerment, breach of trust, burglary, criminal damage, military, another penal code violation, sexual, theft, treason, violation of the special codes, or violent. Coded as 0 if otherwise.

Coded as +1 if convicted of at least 1 offence whilst under16 years of age, 0 if otherwise.