

TABLES

Table 1. Offence categories.

	Grave	Violence against the person	Acquisitive	Sexual	Arson	Other	Any
Homicide	√	√					√
Major violence	√	√					√
Firearms	√	√					√
Minor violence		√					√
Rape/buggery	√			√			√
Indecent assault	√			√			√
Other sexual offence				√			√
Kidnapping/abduction	√						√
False imprisonment	√						√
Robbery	√		√				√
Aggravated burglary	√		√				√
Burglary			√				√
Theft/receiving			√				√
Forgery/deception			√				√
Blackmail			√				√
Criminal damage						√	√
Drug						√	√
Alcohol						√	√
Driving						√	√
Obstructing justice/perjury						√	√
Breach						√	√
Possession of weapons/explosives						√	√
Harassment/public order						√	√
'other'						√	√
Threats						√	√
Escape from custody						√	√
'unknown'						√	√
Arson	√				√		√

Table 2. Population baseline characteristics

	Prison	Hospital
Age [mean, (SD, range)]	30.92 (9.54;18-61)	31.08 (9.32;17-62)
Age at first conviction [mean, (SD, range)]	17.15 (7.53, 8-58)	17.08 (5.35;8.9-42.4)
Ethnicity [N (%)]		
White	100 (80.65)	84 (67,80)
Black	16 (12.90)	33 (26.60)
Any other	6 (4.84)	5 (4.00)
Missing	2 (1.61)	2 (1.60)
Clinical characteristics [N(%)]		
Diagnosis of psychotic illness		
Schizophrenia	91 (73.39)	112 (90.32)
Delusional disorder	31 (25.00)	4 (3.23)
Other schizophrenia-like psychosis ^a	2 (1.61)	8 (6.45)
Comorbid conditions		
Diagnosis of personality disorder(s)	110 (90.91%)	19 (15.5%)
Condition related to drug misuse	57 (47.11%)	23 (18.5%)
Condition related to alcohol misuse	45 (37.19)	4 (3.2%)
Criminological characteristics		
<i>History of convictions</i>		
Grave	28 (22.58)	29 (23.39)
Violence against the person	42 (33.87)	30 (24.19)
Acquisitive conviction	54 (43.55)	32 (25.81)
Sexual	2 (1.61)	2 (1.61)
Arson	2 (1.61)	0 (0.00)
Other	79 (63.71)	40 (32.26)
Total grave Offences ^b [mean, (SD, range)]	6.06 (4.14, 1-19)	3.15 (3.34, 0-22)
Total non-grave offences ^b [mean, (SD, range)]	26.32 (32.05,0-207)	12.76 (11.42, 0-51)

^a Includes psychotic disorders due to substances (substance induced psychotic disorder) and unspecified psychosis

^b Includes index offence; excludes absolute discharges

Table 3. Comparisons between prison cases and hospital controls for different crime outcomes.

	Prison N (%)	Hospital N (%)
Cases with a conviction (any offence) – 1 year	40 (32.26)	21 (16.94)**
Cases with a conviction (any offence) – 2 years	63 (51.22)	40 (32.26)**
Cases with a conviction (any offence) – 3 years	74 (60.16)	45 (36.29)**
Median weeks to first offence	98.5	258***
Cases with a grave conviction – 1 year	7 (5.65)	7 (5.65)
Cases with a grave conviction – 2 years	14 (11.29)	11 (8.87)
Cases with a grave conviction – 3 years	24 (19.35)	22 (17.74)
Median weeks to first grave offence	264.5	359.5
Cases with a violent conviction – 1 year	11 (8.87)	9 (7.26)
Cases with a violent conviction – 2 years	21 (16.94)	13 (10.48)
Cases with a violent conviction – 3 years	28 (22.58)	25 (20.16)
Median weeks to first violent offence	253.0	356.5**
Cases with an acquisitive conviction – 1 year	15 (12.10)	12 (9.68)
Cases with an acquisitive conviction – 2 years	33 (26.61)	22 (17.74)
Cases with an acquisitive conviction – 3 years	40 (32.26)	27 (21.77)*
Median weeks to first acquisitive offence	243.0	351.5***
Cases with “other” conviction – 1 year	30 (24.19)	14 (11.29)**
Cases with “other” conviction – 2 years	50 (40.32)	27 (21.77)**
Cases with “other” conviction – 3 years	65 (52.42)	34 (27.42)***
Median weeks to first “other” offence	143.0	336.5***

Note: * P<0.05, ** P<0.01, *** P<0.001

Table 4. Group difference (prison versus hospital as reference) hazard estimates for time to different type of offences.

	Covariates			
	Group only	Group Age	Group Criminal history score	Group Age Criminal history score
	HR (95%CI) P value	HR (95%CI) P value	HR (95%CI) P value	HR (95%CI) P value
Any offence	2.92 (1.99,4.29) P<0.001	2.71 (1.87,3.93) P<0.001	2.97 (2.03,4.35) P<0.001	2.78 (1.92,4.03) P<0.001
Grave offence	1.12 (0.64,1.94) P=0.696	-	-	-
Violence	2.01 (1.22,3.32) P=0.006	1.97 (1.20,3.23) P=0.008	2.03 (1.23,3.35) P=0.006	1.99 (1.21,3.27) P=0.007
Acquisitive offences	2.68 (1.66,4.32) P<0.001	2.55 (1.58,4.09) P<0.001	2.67 (1.66,4.31) P<0.001	2.56 (1.59,4.12) P<0.001
Sexual offences	2.17 (0.26,18.13) P=0.475	-	-	-
Other offences	3.78 (2.47,5.78) P<0.001	3.58 (2.36,5.42) P<0.001	3.77 (2.47,5.76) P<0.001	3.59 (2.37,5.44) P<0.001

Hazard ratios estimated first with the 'Group' covariate, then adding the 'Age' covariate, then 'Group' and 'Criminal history score' covariate and finally all covariates were included simultaneously in the model. Statistical method: multilevel survival analysis.