

Appendix

Table A1

Baseline characteristics of treated and untreated subjects in the original and the propensity score weighted sample

Variable	Sample	Treatment Group	Comparison Group	(Absolute) Standardized Difference
Age at release	Original	42.91 ± 11.57	43.86 ± 12.42	7.92
	Weighted	43.39 ± 11.72	43.62 ± 12.31	1.92
Never been married or lived with a partner for at least two years	Original	29.8%	25.3%	9.96
	Weighted	26.0%	23.6%	5.35
Broken home: some problems	Original	39.3%	33.9%	11.05
	Weighted	36.3%	37.2%	1.95
Broken home: significant problems	Original	16.7%	12.2%	12.81
	Weighted	14.3%	16.2%	5.49
Third-party care during childhood: up to two years	Original	8.4%	7.2%	4.43
	Weighted	7.9%	9.4%	5.33
Third-party care during childhood: long term	Original	5.0%	4.1%	4.40
	Weighted	3.9%	4.7%	3.93
Third-party care during childhood: grew up in a foster/adoptive family	Original	4.7%	2.1%	14.90
	Weighted	3.3%	4.9%	8.49
Third-party care during childhood: multiple changes	Original	5.3%	7.5%	9.09
	Weighted	5.4%	6.5%	4.46
Never completed vocational training	Original	28.6%	43.1%	30.60
	Weighted	35.4%	35.3%	0.08
Working life: some problems	Original	33.4%	37.6%	8.69
	Weighted	36.3%	36.1%	0.43
Working life: significant problems	Original	20.5%	33.4%	29.46
	Weighted	24.2%	26.1%	4.40
Romantic relationships: some problems	Original	56.7%	51.9%	9.80
	Weighted	57.5%	57.4%	0.34
Romantic relationships: significant problems	Original	37.9%	32.5%	11.28
	Weighted	34.6%	34.4%	0.51
Social integration: some problems	Original	41.7%	48.1%	12.89
	Weighted	44.7%	44.0%	1.33
Social integration: significant problems	Original	11.7%	18.1%	18.06
	Weighted	13.9%	13.8%	0.24
Migration background: grew	Original	4.1%	4.4%	1.33

up in Germany with at least one parent being a migrant	Weighted	3.6%	3.6%	0.20
Migration background: first generation migrant	Original	9.3%	27.6%	48.38
	Weighted	16.3%	15.4%	2.33
More than three previous convictions	Original	23.3%	42.8%	42.23
	Weighted	29.9%	31.1%	2.79
Juvenile offending: minor penalties	Original	11.0%	9.0%	7.00
	Weighted	10.1%	10.9%	2.43
Juvenile offending: suspended sentence	Original	8.0%	5.2%	11.13
	Weighted	7.1%	7.6%	1.99
Juvenile offending: non-suspended sentence	Original	6.4%	11.7%	18.83
	Weighted	8.9%	9.4%	1.63
Number of revoked probations	Original	0.37 ± 0.80	0.69 ± 1.27	30.24
	Weighted	0.49 ± 0.95	0.52 ± 1.35	1.98
Index non-sexual violence: any convictions	Original	23.4%	35.5%	26.84
	Weighted	28.9%	28.5%	0.80
Prior non-sexual violence: any convictions	Original	16.3%	34.7%	43.24
	Weighted	22.9%	21.8%	2.52
Prior arrest	Original	19.2%	34.3%	34.66
	Weighted	23.9%	24.3%	0.82
Years spent in prison	Original	4.54 ± 4.27	4.56 ± 4.05	0.32
	Weighted	4.53 ± 3.89	4.96 ± 5.80	8.64
Prior placement under shelter due to mental disorders	Original	3.3%	6.7%	15.85
	Weighted	4.3%	4.5%	0.95
Current placement under shelter due to mental disorders	Original	0.8%	3.7%	19.34
	Weighted	1.5%	1.4%	0.86
Diminished responsibility	Original	10.4%	17.2%	19.86
	Weighted	12.1%	11.1%	2.93
Alcohol abuse: minor	Original	20.7%	23.5%	6.87
	Weighted	22.3%	22.2%	0.12
Alcohol abuse: severe	Original	26.7%	39.4%	27.21
	Weighted	30.6%	30.5%	0.21
Drug abuse: minor	Original	10.6%	10.8%	0.48
	Weighted	9.5%	9.4%	0.24
Drug abuse: severe	Original	7.0%	9.7%	9.91
	Weighted	9.0%	10.4%	4.51
Type of sex offenses: only child abuse	Original	58.4%	40.4%	36.58
	Weighted	50.9%	49.3%	3.10
Type of sex offenses: only rape or sexual assault of adolescents and adults	Original	31.5%	47.4%	32.96
	Weighted	37.6%	38.9%	2.63
Type of sex offenses: child	Original	7.9%	7.6%	1.12

abuse and rape	Weighted	8.9%	8.9%	0.03
Number of prior sex offenses: 0-2	Original	14.8%	14.2%	1.94
	Weighted	12.4%	11.2%	3.85
Number of prior sex offenses: 3-5	Original	3.6%	2.5%	6.49
	Weighted	3.4%	2.6%	4.58
Number of prior sex offenses: 6 or more	Original	2.7%	2.8%	0.13
	Weighted	3.2%	3.5%	1.64
Number of victims from sex offenses	Original	2.13 ± 2.17	1.63 ± 1.97	24.54
	Weighted	1.88 ± 1.66	1.99 ± 3.14	4.17
Non-contact sex offenses: any convictions	Original	11.5%	10.1%	4.66
	Weighted	10.6%	11.3%	2.49
Any unrelated victims	Original	62.7%	66.3%	7.36
	Weighted	62.0%	62.5%	1.00
Any stranger victims	Original	20.1%	21.8%	4.40
	Weighted	20.2%	23.1%	7.05
Any male victims	Original	21.6%	9.2%	34.87
	Weighted	15.2%	16.0%	2.17
High density of offenses	Original	27.4%	22.6%	11.02
	Weighted	25.2%	25.8%	1.42
Different types of sex offenses	Original	21.4%	17.2%	10.64
	Weighted	20.1%	20.0%	0.34
Physically injured victims	Original	18.6%	24.0%	13.14
	Weighted	19.2%	23.0%	9.46
Use of weapons or death threat	Original	25.5%	26.5%	2.26
	Weighted	25.2%	24.4%	1.81
Increasing frequency or severity of offenses	Original	23.5%	17.1%	15.83
	Weighted	20.0%	24.3%	10.22
Minimisation of the index offense	Original	65.5%	61.4%	8.41
	Weighted	63.6%	60.5%	6.36
Age at first sex offense	Original	34.12 ± 10.63	35.31 ± 11.93	10.52
	Weighted	34.16 ± 11.42	34.55 ± 10.75	3.56
Planning of offense(s): can be assumed without proof	Original	22.7%	23.5%	1.99
	Weighted	21.9%	21.0%	2.10
Planning of offense(s): discernible indications	Original	34.3%	29.2%	10.86
	Weighted	33.2%	32.5%	1.47
Planning of offense(s): at least one offense has been carefully planned	Original	18.8%	12.4%	17.72
	Weighted	16.0%	19.3%	8.88
Offense under the influence of alcohol: yes but did not trigger offense	Original	16.3%	16.5%	0.55
	Weighted	17.0%	22.6%	14.12
Offense under the influence of alcohol: yes, did trigger	Original	14.3%	20.3%	15.72
	Weighted	17.0%	14.9%	5.86

offense				
Offense under the influence	Original	5.0%	9.8%	18.63
of alcohol: diminished	Weighted	5.9%	5.3%	2.82
responsibility				
Year of release	Original	2005.91 ± 1.44	2006.00 ± 1.41	6.74
	Weighted	2005.97 ± 1.48	2005.95 ± 1.36	1.32

Note: For continuous variables means and (\pm) standard deviations are reported, while

categorical variables are represented as %. Reference categories are excluded from the table.