

Appendix 1 (as supplied by the authors): Supplementary tables

Supplementary Table 1. Pre-baseline self-harm according to self-report and medical records, according to self-harm category, demographic and criminogenic characteristics.

		Total (N)	Self-harm category				p-value
			True positive (N, %)	Unconfirmed positive (N, %)	False negative (N, %)	Unconfirmed negative (N, %)	
<b>Gender</b>	Male	1037	41 (4.0)	93 (9.0)	78 (7.5)	825 (79.6)	0.005
	Female	278	23 (8.3)	29 (10.4)	28 (10.1)	198 (71.2)	
<b>Age at index release (yrs)</b>	18-24	336	17 (5.1)	41 (12.2)	15 (4.5)	263 (78.3)	<0.001
	25-39	681	38 (5.6)	67 (9.8)	70 (10.3)	506 (74.3)	
	40+	298	9 (3.0)	14 (4.7)	21 (7.0)	254 (85.2)	
<b>Indigenous status<sup>§</sup></b>	Non-Indigenous	979	47 (4.8)	87 (8.9)	74 (7.6)	771 (78.8)	0.509
	Indigenous	336	17 (5.1)	35 (10.4)	32 (9.5)	252 (75.0)	
<b>In a relationship<sup>§</sup></b>	No	863	45 (5.2)	85 (9.8)	77 (8.9)	656 (76.0)	0.184
	Yes	452	19 (4.2)	37 (8.2)	29 (6.4)	367 (81.2)	
<b>Years of education<sup>§</sup></b>	>10 years	741	28 (3.8)	66 (8.9)	56 (7.6)	591 (79.8)	0.124
	<10 years	574	36 (6.3)	56 (9.8)	50 (8.7)	432 (75.3)	
<b>Sexual identity<sup>§</sup></b>	Heterosexual	1234	51 (4.1)	107 (8.7)	98 (7.9)	978 (79.3)	<0.001
	LGBT	80	13 (16.3)	15 (18.8)	10.0	44 (55.0)	
<b>QCS self-harm flag</b>	No	1010	26 (2.6)	60 (5.9)	63 (6.2)	861 (85.2)	>0.001
	Yes	292	37 (12.7)	59 (20.2)	43 (14.7)	153 (52.4)	
<b>Previous suicide attempt<sup>§</sup></b>	No	1035	19 (1.8)	62 (6.0)	66 (6.4)	888 (85.8)	<0.001

	Yes	280	45 (16.1)	60 (21.4)	40 (14.3)	135 (48.2)	
<b>Lifetime history of mental disorder<sup>§</sup></b>	No	742	12 (1.6)	29 (3.9)	48 (6.5)	653 (88.0)	<0.001
	Yes	572	52 (9.1)	93 (16.2)	58 (10.1)	369 (64.5)	
<b>Most serious offence violent</b>	No	615	29 (4.7)	60 (9.8)	38 (6.2)	488 (79.3)	0.095
	Yes	687	34 (4.9)	59 (8.6)	68 (9.9)	526 (76.6)	

LGBT: Lesbian, gay, bisexual, transgender; QCS: Queensland Corrective Services; <sup>§</sup>Self-reported

**Supplementary Table 2. Post-baseline medically verified self-harm events by participants according to self-harm category and demographic variables.**

		Post-baseline medically verified self-harm event						HR (95%CI)	AHR (95%CI)
		No events recorded (N, %)		≥1 events recorded (N, %)		Total (N, %)			
<b>Self-harm validation diagnostic test group indicator</b>	True positive	35	54.7	29	45.3	64	100.0	10.6 (6.5 - 17.1)	6.2 (3.3 - 10.4)
	False negative	82	77.4	24	22.6	106	100.0	5.8 (3.4 - 8.9)	4.0 (2.2 - 6.7)
	Unconfirmed positive	101	82.8	21	17.2	122	100.0	3.4 (2.0 - 5.8)	2.2 (1.2 - 3.9)
	Unconfirmed negative	965	94.3	58	5.7	1023	100.0	ref.	ref.
<b>Gender</b>	Male	942	90.8	95	9.2	1037	100.0	ref.	ref.
	Female	241	86.7	37	13.3	278	100.0	1.3 (0.9 - 1.9)	0.9 (0.6 - 1.5)
<b>Age at release (yrs)</b>	18-24	303	90.2	33	9.8	336	100.0	ref.	ref.
	25-39	605	88.8	76	11.2	681	100.0	1.1 (0.7 - 1.6)	0.9 (0.6 - 1.5)
	40+	275	92.3	23	7.7	298	100.0	0.7 (0.3 - 1.2)	0.8 (0.4 - 1.5)
<b>Indigenous status</b>	Non-Indigenous	894	91.3	85	8.7	979	100.0	ref.	ref.
	Indigenous	289	86.0	47	14	336	100.0	1.9 (1.3 - 2.9)	2.0 (1.3 - 3.1)
<b>In a relationship</b>	No	767	88.9	96	11.1	863	100.0	ref.	ref.
	Yes	416	92.0	36	8.0	452	100.0	0.6 (0.5 - 1.0)	0.9 (0.6 - 1.3)
<b>Years of education</b>	≥10 years	676	91.2	65	8.8	741	100.0	ref.	ref.
	<10 years	507	88.3	67	11.7	574	100.0	1.4 (1.0 - 2.0)	1.1 (0.8 - 1.7)
<b>Sexuality</b>	Heterosexual	1117	90.5	117	9.5	1234	100.0	ref.	ref.
	LGBT	65	81.3	15	18.8	80	100.0	2.2 (1.1 - 3.6)	1.3 (0.6 - 2.7)

<b>QCS self-harm flag</b>	No	933	92.4	77	7.6	1010	100.0	ref.	ref.
	Yes	239	81.8	53	18.2	292	100.0	3.0 (2.0 – 4.2)	1.4 (0.9 – 2.1)
<b>Previous suicide attempt<sup>§</sup></b>	No	961	92.9	74	7.1	1035	100.0	ref.	ref.
	Yes	222	79.3	58	20.7	280	100.0	2.9 (2.0 – 4.2)	1.2 (0.8 – 1.8)
<b>Lifetime history of mental disorder<sup>§</sup></b>	No	695	93.7	47	6.3	742	100.0	ref.	ref.
	Yes	487	85.1	85	14.9	572	100.0	2.6 (1.8 – 3.9)	1.6 (1.1 – 2.6)
<b>Most serious offence violent</b>	No	557	90.6	58	9.4	615	100.0	ref.	ref.
	Yes	615	89.5	72	10.5	687	100.0	1.1 (0.8 – 1.7)	1.0 (0.7 – 1.5)

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