

Data supplement

Table DS1 Rates of mental health problems by cumulative history of abortion, pregnancy loss and live birth with or without an adverse reaction to pregnancy^a

Measure	Abortion		Pregnancy loss		Live birth			
	No	Yes	No	Yes	Unwanted/adverse reaction		No adverse reaction	
					No	Yes	No	Yes
Major depression, %								
15–18 years	31.4	55.6	32.0	66.7	32.4	50.0	32.5	38.5
18–21 years	29.0	40.9	28.6	59.4	30.7	26.9	30.7	29.1
21–25 years	24.7	39.8	26.3	36.2	25.7	45.5	26.1	32.4
25–30 years	21.9	33.9	23.2	30.9	22.2	47.1	25.0	24.1
Pooled OR (95% CI)	2.15 (1.44–3.23)		1.94 (1.21–3.10)		2.25 (1.28–3.94)		0.89 (0.60–1.30)	
Anxiety disorder, %								
15–18 years	38.0	51.9	38.5	55.6	38.8	37.5	38.8	38.5
18–21 years	17.2	22.7	16.4	40.6	18.0	15.4	15.9	34.6
21–25 years	20.4	38.7	21.7	39.7	22.6	36.4	21.7	31.5
25–30 years	21.4	33.0	22.0	33.0	22.4	39.2	23.4	25.1
Pooled OR (95% CI)	2.25 (1.49–3.42)		2.34 (1.45–3.77)		1.85 (1.02–3.35)		1.34 (0.91–1.98)	
Suicidal ideation, %								
15–18 years	23.3	37.0	23.5	55.6	24.0	25.0	24.3	15.4
18–21 years	13.4	25.8	13.5	37.5	15.1	11.5	14.1	21.8
21–25 years	9.5	23.7	10.1	27.6	11.1	22.7	10.6	17.6
25–30 years	7.1	8.7	5.8	14.9	6.8	13.7	6.1	9.7
Pooled OR (95% CI)	2.25 (1.30–3.89)		3.30 (1.79–6.09)		1.77 (0.80–3.94)		1.41 (0.83–2.39)	
Alcohol dependence, %								
15–18 years	5.5	0.0	5.1	11.1	5.3	0.0	5.3	0.0
18–21 years	4.7	4.6	3.5	21.9	4.9	0.0	4.6	5.5
21–25 years	2.6	7.5	3.1	6.9	3.6	2.3	3.2	4.6
25–30 years	1.8	5.2	2.4	3.2	2.4	3.9	2.9	2.1
Pooled OR (95% CI)	1.86 (0.84–4.12)		2.94 (1.24–6.96)		0.54 (0.13–2.23)		1.05 (0.45–2.41)	
Illicit drug dependence, %								
15–18 years	4.1	0.0	3.9	0.0	3.9	0.0	3.9	0.0
18–21 years	2.5	16.7	3.9	9.4	3.7	15.4	3.9	7.3
21–25 years	3.1	9.7	3.7	8.6	4.0	6.8	4.2	4.6
25–30 years	1.5	8.7	2.7	5.3	2.9	5.9	3.2	3.1
Pooled OR (95% CI)	7.08 (3.06–16.4)		1.76 (0.58–5.35)		2.11 (0.68–6.54)		0.72 (0.28–1.86)	
Mean number of mental health problems								
15–18 years	1.02	1.44	1.03	1.89	1.04	1.13	1.05	0.92
18–21 years	0.67	1.11	0.66	1.69	0.72	0.69	0.69	0.98
21–25 years	0.60	1.19	0.65	1.19	0.67	1.14	0.66	0.91
25–30 years	0.54	0.90	0.56	0.87	0.57	1.10	0.61	0.64
Pooled IRR (95% CI)	1.54 (1.28–1.85)		1.49 (1.21–1.84)		1.31 (1.01–1.69)		1.03 (0.86–1.22)	
Sample sizes, <i>n</i>								
15–18 years	497	27	515	9	516	8	511	13
18–21 years	449	66	483	32	489	26	460	55
21–25 years	421	93	456	58	470	44	406	108
25–30 years	392	115	413	94	456	51	312	195

IRR, incident rate ratio.
a. Assessed up to the end of each interval.