

Table A2

Univariable relationships between measures of maternal alcohol consumption and potential confounders

Confounders	Pre-pregnancy		18 weeks total		18 weeks binge-drinking		Post-natal	
	N = 4967	OR [95% CI]	N = 4956	OR [95% CI]	N = 4953	OR [95% CI]	N = 4535	OR [95% CI]
<b>Marital status</b>								
Never married	596	1 (ref)	596	1 (ref)	594	1 (ref)	532	1 (ref)
Previous marriage	212	1.18 [0.87, 1.59]	213	1.88 [1.36, 2.59]	214	1.34 [0.94, 1.92]	194	1.21 [0.89, 1.63]
Married	4159	0.60 [0.51, 0.71]	4147	1.10 [0.91, 1.33]	4145	0.51 [0.41, 0.63]	3809	1.12 [0.95, 1.33]
	<i>P</i>	<0.001		0.945		<0.001		0.230
<b>Crowding Index</b>								
≤ 0.5	2630	1 (ref)	2620	1 (ref)	2627	1 (ref)	2441	1 (ref)
0.5 – 0.75	1544	0.62 [0.55, 0.70]	1538	0.98 [0.86, 1.13]	1533	1.29 [1.07, 1.55]	1385	0.82 [0.73, 0.92]
>0.75	793	0.57 [0.49, 0.67]	798	0.97 [0.82, 1.16]	793	1.92 [1.56, 2.37]	709	0.69 [0.59, 0.80]
	<i>P</i>	<0.001		0.720		<0.001		<0.001
<b>Home ownership</b>								
Mortgaged/owned	4600	1 (ref)	4590	1 (ref)	4587	1 (ref)	4208	1 (ref)
Rented/other	367	1.21 [0.99, 1.48]	366	0.95 [0.75, 1.20]	366	1.49 [1.13, 1.96]	327	0.94 [0.77, 1.15]
	<i>P</i>	0.068		0.650		0.004		0.544
<b>Parity</b>								
No previous children	2445	1 (ref)	2444	1 (ref)	2447	1 (ref)	2272	1 (ref)
1 or 2 children	2354	0.58 [0.52, 0.65]	2344	1.20 [1.07, 1.36]	2339	1.18 [1.00, 1.39]	2113	1.13 [1.02, 1.26]
≥ 3 children	168	0.39 [0.29, 0.53]	168	1.16 [0.82, 1.62]	167	1.36 [0.89, 2.07]	150	0.67 [0.49, 0.91]
	<i>P</i>	<0.001		0.006		0.025		0.516
<b>Maternal education</b>								
CSE/vocational	903	1 (ref)	896	1 (ref)	892	1 (ref)	780	1 (ref)
O levels	1783	1.33 [1.14, 1.55]	1785	1.00 [0.83, 1.20]	1784	0.75 [0.61, 0.93]	1621	1.26 [1.08, 1.48]
A levels	1428	1.75 [1.49, 2.05]	1415	1.18 [0.99, 1.42]	1418	0.62 [0.49, 0.77]	1325	1.92 [1.63, 2.26]
Degree	853	2.99 [2.50, 3.59]	860	1.37 [1.12, 1.67]	859	0.39 [0.29, 0.53]	809	2.81 [2.35, 3.37]
	<i>P</i>	<0.001		<0.001		<0.001		<0.001
<b>Ethnicity</b>								
White	4897	1 (ref)	4885	1 (ref)	4883	1 (ref)	4473	1 (ref)
Non-white	70	0.37 [0.24, 0.61]	71	0.52 [0.28, 0.94]	70	1.06 [0.54, 2.08]	62	0.52 [0.32, 0.83]

	<i>P</i>	<0.001		0.032		0.870		0.006
<b>Maternal age</b>								
≤20	102	0.31 [0.90, 1.90]	105	0.76 [0.47, 1.22]	104	1.90 [1.19, 3.02]	83	0.58 [0.39, 0.88]
21-30	3037	1 (ref)	3034	1 (ref)	3032	1 (ref)	2769	1 (ref)
31-35	1409	1.57 [1.39, 1.77]	1398	1.52 [1.33, 1.74]	1398	1.08 [0.90, 1.30]	1303	1.67 [1.47, 1.87]
>35	419	1.87 [1.53, 2.27]	419	1.74 [1.41, 2.14]	419	1.29 [0.98, 1.70]	380	1.59 [1.31, 1.94]
	<i>P</i>	<0.001		<0.001		0.090		<0.001
<b>Maternal social class</b>								
I	346	1.73 [1.39, 2.15]	351	1.15 [0.92, 1.46]	351	0.75 [0.51, 1.10]	331	1.69 [1.37, 2.10]
II	1745	1 (ref)	1735	1 (ref)	1737	1 (ref)	1616	1 (ref)
IIIN	2108	0.70 [0.62, 0.78]	2103	0.80 [0.70, 0.91]	2098	1.18 [0.98, 1.42]	1908	0.69 [0.61, 0.78]
IIIM	313	0.59 [0.47, 0.75]	314	0.82 [0.63, 1.06]	314	1.38 [0.99, 1.92]	276	0.51 [0.40, 0.64]
IV + V	455	0.47 [0.38, 0.57]	453	0.71 [0.56, 0.90]	453	1.75 [1.34, 2.29]	404	0.44 [0.36, 0.54]
	<i>P</i>	<0.001		<0.001		<0.001		<0.001
<b>Smoking</b>								
No smoking	3817	1 (ref)	4362	1 (ref)	4355	1 (ref)	4001	1 (ref)
1-9/day	365	1.94 [1.58, 2.38]	309	1.36 [1.10, 1.73]	309	2.60 [1.98, 3.40]	282	0.92 [0.74, 1.15]
10-19/day	489	1.16 [0.97, 1.39]	224	1.20 [0.89, 1.60]	226	3.57 [2.67, 4.77]	196	0.80 [0.61, 1.05]
≥20/day	296	1.77 [1.40, 2.23]	61	1.57 [0.92, 2.67]	63	6.79 [4.23, 10.89]	56	1.29 [0.79, 2.10]
	<i>P</i>	<0.001		0.007		<0.001		0.400
<b>Cannabis</b>								
none	4802	1 (ref)	4897	1 (ref)	4894	1 (ref)	4487	1 (ref)
any	165	3.19 [2.37, 4.29]	59	1.39 [0.80, 2.42]	59	4.36 [2.59, 7.35]	48	3.21 [1.88, 5.50]
	<i>P</i>	<0.001		0.247		<0.001		<0.001
<b>Caffeine drinks</b>								
none	N/A	N/A	367	1 (ref)	367	1 (ref)	329	1 (ref)
1-21 cups/wk			1465	1.75 [1.30, 2.34]	1461	1.00 [0.68, 1.46]	1335	1.19 [0.96, 1.48]
22-42 cups/wk			2260	2.22 [1.67, 3.00]	2257	1.64 [1.14, 2.35]	2090	1.32 [1.07, 1.63]
>42 cups/wk			864	2.13 [1.57, 2.90]	868	2.29 [1.57, 3.36]	781	1.10 [0.87, 1.39]
	<i>P</i>			<0.001		<0.001		0.394
<b>No. maternal life events</b>								
0-1	658	1 (ref)	652	1 (ref)	649	1 (ref)	593	1 (ref)
2-4	1221	0.96 [0.81, 1.15]	1222	1.02 [0.83, 1.25]	1219	0.92 [0.68, 1.23]	1129	0.98 [0.82, 1.17]
5-7	998	1.04 [0.87, 1.25]	998	1.00 [0.81, 1.24]	999	1.09 [0.81, 1.47]	912	1.11 [0.92, 1.34]
≥8	2090	1.19 [1.01, 1.40]	2084	1.12 [0.93, 1.35]	2086	1.51 [1.16, 1.97]	1901	1.22 [1.03, 1.44]

	<i>P</i>	<i>0.002</i>		<i>0.142</i>		<i>&lt;0.001</i>		<i>0.001</i>
<b>Depression</b>								
Not depressed	3846	1 (ref)	3840	1 (ref)	3840	1 (ref)	3540	1 (ref)
Possible depression	1121	0.95 [0.83, 1.07]	1116	0.96 [0.83, 1.11]	1113	1.58 [1.33, 1.89]	995	0.90 [0.79, 1.02]
	<i>P</i>	<i>0.389</i>		<i>0.544</i>		<i>&lt;0.001</i>		<i>0.100</i>

NB. (OR for higher levels of alcohol consumption by confounder category); all P values are for the test for trend across categories. Measures of confounding variables used were as contemporaneous to the alcohol exposure time as possible.

N/A = not available