

Table A3

Univariable relationships between measures potential confounders and the balance outcome measures

Confounders	Dynamic balance		SBEO		SBEC	
	N = 4791	OR [95% CI]	N = 4819	OR [95% CI]	N = 4764	OR [95% CI]
Marital status						
Never married	572	1 (ref)	578	1 (ref)	573	1 (ref)
Previous marriage	207	0.89 [0.67, 1.18]	208	1.00 [0.73, 1.38]	205	0.80 [0.60, 1.06]
Married	4012	1.05 [0.90, 1.23]	4033	0.94 [0.79, 1.12]	3986	1.09 [0.93, 1.28]
	<i>P</i>	0.361		0.444		0.107
Crowding Index						
≤ 0.5	2536	1 (ref)	2552	1 (ref)	2524	1 (ref)
0.5 – 0.75	1485	0.92 [0.82, 1.03]	1492	0.87 [0.76, 0.99]	1473	0.91 [0.81, 1.02]
>0.75	770	0.93 [0.81, 1.08]	775	0.85 [0.72, 1.00]	767	0.82 [0.71, 0.95]
	<i>P</i>	0.197		0.016		0.005
Home ownership						
Mortgaged/owned	4438	1 (ref)	4463	1 (ref)	4415	1 (ref)
Rented/other	353	1.01 [0.82, 1.23]	356	0.82 [0.66, 1.01]	349	0.89 [0.73, 1.09]
	<i>P</i>	0.913		0.066		0.255
Parity						
No previous children	2353	1 (ref)	2372	1 (ref)	2341	1 (ref)
1 or 2 children	2274	1.10 [0.99, 1.22]	2281	0.93 [0.83, 1.05]	2259	0.98 [0.88, 1.09]
≥ 3 children	164	0.93 [0.71, 1.23]	166	0.88 [0.64, 1.21]	164	0.82 [0.62, 1.10]
	<i>P</i>	0.258		0.195		0.334
Maternal education						
CSE/vocational	863	1 (ref)	870	1 (ref)	861	1 (ref)
O levels	1730	0.96 [0.83, 1.11]	1738	1.07 [0.91, 1.26]	1714	1.14 [0.99, 1.32]
A levels	1366	1.05 [0.90, 1.23]	1374	1.04 [0.87, 1.23]	1358	1.32 [1.13, 1.53]
Degree	832	1.03 [0.87, 1.22]	837	1.34 [1.10, 1.61]	831	1.64 [1.38, 1.94]
	<i>P</i>	0.380		0.014		<0.001
Ethnicity						
White	4725	1 (ref)	4753	1 (ref)	4698	1 (ref)
Non-white	66	1.20 [0.77, 1.87]	66	1.28 [0.77, 2.10]	66	1.25 [0.79, 1.96]

	<i>P</i>	<i>0.419</i>		<i>0.341</i>		<i>0.336</i>
Maternal age						
≤20	99	1.40 [0.97, 2.02]	103	1.01 [0.68, 1.51]	102	0.76 [0.53, 1.09]
21-30	2929	1 (ref)	2944	1 (ref)	2915	1 (ref)
31-35	1361	0.98 [0.88, 1.10]	1365	1.06 [0.93, 1.21]	1346	1.19 [1.06, 1.33]
>35	402	0.98 [0.81, 1.19]	407	0.99 [1.81, 1.22]	401	0.89 [0.74, 1.07]
	<i>P</i>	<i>0.778</i>		<i>0.579</i>		<i>0.253</i>
Maternal social class						
I	340	0.90 [0.73, 1.11]	340	1.22 [0.96, 1.55]	339	1.24 [1.01, 1.53]
II	1678	1 (ref)	1690	1 (ref)	1671	1 (ref)
IIIN	2034	0.87 [0.77, 0.97]	2047	0.90 [0.79, 1.02]	2025	0.83 [0.74, 0.93]
IIIM	303	0.99 [0.80, 1.24]	305	0.76 [0.60, 0.97]	301	0.67 [0.54, 0.83]
IV + V	436	0.95 [0.79, 1.15]	437	0.86 [0.70, 1.07]	428	0.74 [0.61, 0.90]
	<i>P</i>	<i>0.213</i>		<i>0.014</i>		<i><0.001</i>
Smoking						
No smoking	4211	1 (ref)	4237	1 (ref)	4188	1 (ref)
1-9/day	298	0.95 [0.77, 1.17]	300	1.12 [0.88, 1.41]	296	0.90 [0.73, 1.11]
10-19/day	219	1.19 [0.93, 1.52]	219	0.92 [0.70, 1.21]	218	0.82 [0.64, 1.04]
≥20/day	63	0.82 [0.53, 1.28]	63	0.80 [0.49, 1.32]	62	0.86 [0.55, 1.32]
	<i>P</i>	<i>0.775</i>		<i>0.566</i>		<i>0.059</i>
Cannabis						
none	4733	1 (ref)	4761	1 (ref)	4706	1 (ref)
any	58	0.97 [0.61, 1.52]	58	1.27 [0.75, 2.17]	58	0.83 [0.52, 1.31]
	<i>P</i>	<i>0.881</i>		<i>0.377</i>		<i>0.415</i>
Caffeine drinks						
none	348	1 (ref)	353	1 (ref)	350	1 (ref)
1-21 cups/wk	1412	0.93 [0.75, 1.15]	1424	1.24 [0.98, 1.56]	1409	1.02 [0.82, 1.25]
22-42 cups/wk	2191	0.97 [0.79, 1.19]	2196	0.99 [0.79, 1.25]	2168	0.84 [0.69, 1.03]
>42 cups/wk	840	0.89 [0.71, 1.11]	846	0.98 [0.76, 1.26]	837	0.66 [0.53, 0.83]
	<i>P</i>	<i>0.528</i>		<i>0.038</i>		<i><0.001</i>
No. maternal life events						
0-1	623	1 (ref)	627	1 (ref)	617	1 (ref)
2-4	1195	0.96 [0.81, 1.15]	1198	1.06 [0.87, 1.29]	1187	1.08 [0.91, 1.29]
5-7	965	0.87 [0.73, 1.05]	969	0.91 [0.75, 1.12]	959	0.93 [0.77, 1.11]
≥8	2008	0.95 [0.80, 1.11]	2025	1.04 [0.87, 1.25]	2001	1.08 [0.92, 1.27]

	<i>P</i>	<i>0.508</i>		<i>0.882</i>		<i>0.587</i>
Depression						
Not depressed	3711	1 (ref)	3733	1 (ref)	3691	1 (ref)
Possible depression	1080	0.92 [0.81, 1.04]	1086	1.91 [0.80, 1.05]	1073	0.92 [0.82, 1.04]
	<i>P</i>	<i>0.168</i>		<i>0.190</i>		<i>0.194</i>

NB. (OR for “good” balance by confounder category); all P values are for the test for trend across categories. Measures of smoking, cannabis and caffeine exposure all measured at 18 weeks gestation.

SBEO = static balance, eyes open

SBEC = static balance , eyes closed