

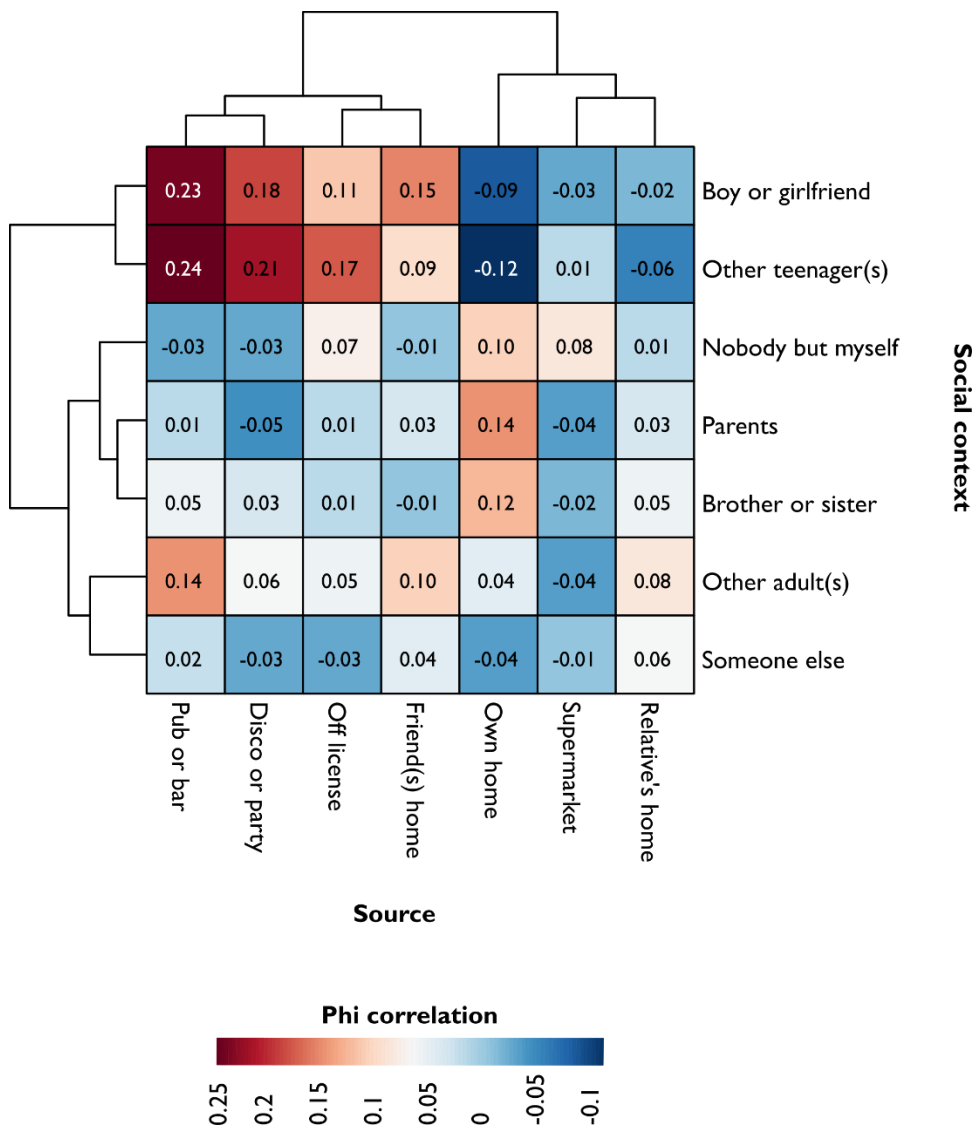
**Table e1. Characteristics of participants 16-year and 30-years of age (n = 10, 968)**

	<b>N</b>	<b>%</b>
<b>At 16-years of age</b>		
Parents occupational social class <sup>a</sup>		
Student	268	2.44
Unskilled	302	2.75
Partly skilled	1062	9.68
Skilled manual	4316	39.35
Skilled non-manual	1172	10.69
Managerial/ technical	3077	28.05
Professional	772	7.04
Frequency of fathers' alcohol consumption		
Never	547	4.99
Occasionally	4254	38.79
Rarely	3729	34.00
Some days	1963	17.90
Most days	9	0.08
Father not at home or dead	465	4.24
Frequency of mothers' alcohol consumption		
Never	1289	11.75
Occasionally	5861	53.44
Rarely	2837	25.87
Some days	760	6.93
Most days	88	0.8
Mother not at home or dead	133	1.21
<b>At 30-years of age</b>		
Occupational social class <sup>a</sup>		
Student	8	0.07
Unskilled	241	2.20
Partly skilled	1227	11.19
Skilled manual/ non-manual	5012	45.7
Managerial/ technical	3788	34.54
Professional	691	6.30

<sup>a</sup> Parents occupational social class: fathers response used unless missing and replaced with mothers occupation.

**Table e2. Units of alcohol consumed in past week at 16-years of age (n = 10, 968)**

	<b>Mean</b>	<b>95% confidence interval</b>
<b>Social context</b>		
Boy or girlfriend	9.23	8.89, 9.57
Other teenager(s)	8.41	8.15, 8.67
Parents	7.63	7.30, 7.96
Brother or sister	9.08	8.54, 9.62
Other adult(s)	9.31	8.92, 9.70
Nobody but myself	9.72	8.59, 10.86
Someone else	7.72	6.70, 8.74
<b>Source</b>		
At a supermarket	8.43	7.36, 9.50
At an off license	10.87	10.23, 11.51
At a pub or bar	10.21	9.86, 10.55
At own home	7.09	6.71, 7.46
At a friend(s) home	8.94	8.18, 9.71
At a relative's home	7.95	6.68, 9.22
At a disco or party	10.14	9.60, 10.69
Somewhere else	6.77	5.76, 7.78



**Figure e1. Phi correlation coefficient heat map of the association between the social context of alcohol consumption and source at 16-years of age (n = 10, 968)**

**Table e3. Percentage overlap between specific social contexts for alcohol consumption (n = 10,968)**

<b>Social context</b>	Parents	Boyfriend/girlfriend	Other teenager(s)	Brother/sister	Other adult(s)	Alone	Someone else
Parents	-	37.19	63.62	29.29	31.27	6.46	4.05
Boyfriend/girlfriend	43.59	-	73.04	20.40	28.42	5.09	4.22
Other teenager(s)	42.96	42.08	-	20.23	26.86	6.16	3.71
Brother/sister	68.81	40.89	70.39	-	35.98	7.24	5.47
Other adult(s)	56.48	43.78	71.82	27.66	-	7.90	4.48
Alone	45.60	30.75	64.50	21.78	30.94	-	5.08
Someone else	31.25	27.79	42.47	17.96	19.18	5.54	-

**Table e4. Percentage overlap between specific sources of alcohol acquisition (n = 10,968)**

<b>Source</b>	Own home	Supermarket	Off license (store)	Pub/bar	Friend's home	Relative's home	Disco/party	Somewhere else
Own home	-	7.78	14.11	33.19	18.24	8.41	19.76	4.73
Supermarket	29.24	-	12.64	28.96	14.09	7.98	24.13	6.27
Off license	31.78	12.64	-	47.74	22.31	5.47	28.57	3.90
Pub/bar	28.60	6.60	18.27	-	15.75	5.40	32.96	5.04
Friend's home	42.75	8.78	23.19	42.84	-	10.04	33.01	3.74
Relative's home	45.97	5.57	13.29	34.26	23.45	-	25.03	4.68
Disco/party	29.00	9.42	18.63	56.14	20.69	6.72	-	4.19
Somewhere else	24.91	6.27	9.14	30.93	8.47	4.53	15.07	-

**Table e5. Odds ratio (95 % confidence interval) for association between social context of alcohol consumption and source at 16-years with harmful alcohol consumption at 30-years of age (n = 10,968)**

	Screen positive for alcohol dependency (CAGE score $\geq 2$ ) <sup>a</sup>		Consumed > 14 units alcohol in last week <sup>a</sup>	
	Model 1	Model 2	Model 1	Model 2
<b>Social context</b>				
Parents	1.01 (0.84, 1.23)	1.00 (0.83, 1.22)	1.09 (0.95, 1.25)	1.09 (0.94, 1.25)
Boyfriend/girlfriend	0.98 (0.80, 1.19)	0.92 (0.75, 1.13)	1.04 (0.89, 1.21)	0.99 (0.85, 1.15)
Other teenager(s)	1.32 (1.06, 1.64)	1.27 (1.01, 1.58)	1.37 (1.20, 1.58)	1.32 (1.16, 1.51)
Brother/sister	1.06 (0.86, 1.30)	1.02 (0.83, 1.26)	1.03 (0.87, 1.22)	1.01 (0.85, 1.19)
Other adult(s)	1.06 (0.84, 1.34)	1.03 (0.81, 1.30)	1.08 (0.94, 1.23)	1.05 (0.92, 1.20)
Alone	1.39 (1.00, 1.94)	1.36 (0.97, 1.89)	1.07 (0.84, 1.37)	1.05 (0.81, 1.34)
Someone else	1.27 (0.75, 2.15)	1.25 (0.74, 2.12)	1.06 (0.81, 1.39)	1.04 (0.80, 1.36)
<b>Source</b>				
Own home	0.86 (0.70, 1.06)	0.85 (0.69, 1.04)	1.10 (0.96, 1.27)	1.09 (0.95, 1.25)
Supermarket	1.16 (0.82, 1.63)	1.12 (0.79, 1.60)	1.14 (0.89, 1.46)	1.12 (0.87, 1.44)
Off license (store)	1.56 (1.21, 2.01)	1.49 (1.17, 1.90)	1.27 (1.04, 1.56)	1.23 (0.99, 1.51)
Pub/bar	1.18 (0.95, 1.47)	1.11 (0.88, 1.38)	1.31 (1.13, 1.51)	1.24 (1.07, 1.42)
Friend's home	1.07 (0.81, 1.42)	1.05 (0.79, 1.39)	0.96 (0.77, 1.21)	0.95 (0.75, 1.19)
Relative's home	1.24 (0.80, 1.93)	1.22 (0.79, 1.90)	0.84 (0.56, 1.28)	0.84 (0.56, 1.26)
Disco/party	1.08 (0.87, 1.33)	1.02 (0.82, 1.29)	1.22 (1.02, 1.47)	1.18 (0.97, 1.43)
Somewhere else	1.31 (0.88, 1.94)	1.28 (0.87, 1.90)	1.28 (0.97, 1.69)	1.26 (0.95, 1.65)

<sup>a</sup> Model 1 adjusted for sex, parental social class at 16 years, achieved adult social class at 30 years, frequency of mothers alcohol consumption, frequency of fathers alcohol consumption, other social contexts alcohol is consumed in (other sources alcohol is acquired under source subheading); Model 2 is model 1 plus units consumed at 16 years of age. Note categories are not mutually exclusive so percentages do not sum to 100%. Reference category is not consuming in that context or source.

**Table e6. Odds ratio (95 % confidence interval) for association between the total score for the number of people alcohol is consumed with and sources it is acquired (n = 10, 968)**

	%	Screen positive for alcohol dependency (CAGE score $\geq 2$ ) <sup>a</sup>		Consumed > 14 units alcohol in last week <sup>a</sup>	
		Model 1	Model 2	Model 1	Model 2
<b>Number of contexts alcohol consumed</b>					
0	10.9	Reference	Reference	Reference	Reference
1	27.8	1.05 (0.78, 1.43)	1.04 (0.77, 1.41)	1.29 (1.05, 1.59)	1.27 (1.04, 1.57)
2	30.6	1.22 (0.89, 1.68)	1.16 (0.84, 1.60)	1.41 (1.14, 1.76)	1.36 (1.10, 1.68)
3	19.6	1.29 (0.91, 1.81)	1.19 (0.84, 1.68)	1.53 (1.19, 1.95)	1.42 (1.11, 1.81)
4	8.3	1.35 (0.89, 2.04)	1.20 (0.78, 1.85)	1.66 (1.27, 2.16)	1.49 (1.15, 1.94)
5	2.5	1.58 (0.96, 2.58)	1.36 (0.82, 2.25)	1.84 (1.24, 2.74)	1.61 (1.08, 2.40)
$\geq 6$	0.3	2.39 (0.90, 6.34)	1.93 (0.72, 5.18)	2.07 (0.84, 5.07)	1.71 (0.68, 4.25)
P for trend		0.008	0.09	<0.001	0.003
<b>Number of sources alcohol acquired</b>					
0	7.4	Reference	Reference	Reference	Reference
1	40.7	1.04 (0.72, 1.51)	1.00 (0.70, 1.46)	1.23 (0.95, 1.58)	1.19 (0.92, 1.53)
2	32.7	1.19 (0.83, 1.72)	1.10 (0.77, 1.55)	1.43 (1.07, 1.91)	1.32 (0.98, 1.78)
3	14.6	1.48 (0.98, 2.23)	1.29 (0.87, 1.92)	1.62 (1.16, 2.25)	1.43 (1.02, 2.01)
4	3.7	1.78 (1.09, 2.89)	1.48 (0.88, 2.51)	1.82 (1.21, 2.72)	1.53 (0.99, 2.35)
5	0.7	1.29 (0.50, 3.32)	1.03 (0.39, 2.69)	2.09 (1.05, 4.16)	1.69 (0.82, 3.48)
$\geq 6$	0.09	1.75 (0.35, 8.53)	1.28 (0.25, 6.59)	2.08 (0.50, 8.67)	1.58 (0.37, 6.81)
P for trend		<0.001	0.03	<0.001	0.03

<sup>a</sup> Model 1 adjusted for sex, parental social class at 16 years, achieved adult social class at 30 years, frequency of mothers alcohol consumption, frequency of fathers alcohol consumption; Model 2 is model 1 plus units consumed at 16 years of age. Reference category is not consuming in that context or source.

**Table e7. Odds ratio (95 % confidence interval) for association between social context of alcohol consumption and source at 16-years with harmful alcohol consumption at 30-years of age with no missing data**

	Screen positive for alcohol dependency (CAGE score $\geq 2$ ) <sup>a</sup> (n = 1,514)		Consumed > 14 units alcohol in last week <sup>a</sup> (n = 1,529)	
	Model 1	Model 2	Model 1	Model 2
<b>Social context</b>				
Boy or girlfriend	0.90 (0.65, 1.23)	0.90 (0.65, 1.25)	1.02 (0.81, 1.29)	0.97 (0.76, 1.23)
Other teenager(s)	1.25 (0.87, 1.79)	1.25 (0.87, 1.81)	1.17 (0.90, 1.52)	1.12 (0.86, 1.46)
Parents	1.05 (0.77, 1.44)	1.05 (0.77, 1.45)	1.16 (0.91, 1.46)	1.15 (0.91, 1.45)
Brother or sister	1.22 (0.86, 1.74)	1.22 (0.86, 1.75)	1.00 (0.76, 1.32)	0.98 (0.75, 1.30)
Other adult(s)	1.20 (0.86, 1.66)	1.20 (0.86, 1.67)	1.11 (0.86, 1.43)	1.09 (0.85, 1.41)
Nobody but myself	1.09 (0.63, 1.89)	1.10 (0.63, 1.90)	0.87 (0.56, 1.34)	0.84 (0.54, 1.31)
Someone else	0.98 (0.49, 1.95)	0.98 (0.49, 1.95)	0.95 (0.58, 1.58)	0.92 (0.56, 1.53)
<b>Source</b>				
At a supermarket	0.88 (0.52, 1.49)	0.89 (0.52, 1.51)	0.91 (0.61, 1.35)	0.89 (0.60, 1.32)
At an off license	1.54 (1.07, 2.23)	1.56 (1.07, 2.27)	1.08 (0.80, 1.46)	1.05 (0.77, 1.42)
At a pub or bar	1.03 (0.76, 1.41)	1.04 (0.75, 1.44)	1.11 (0.88, 1.40)	1.07 (0.84, 1.36)
At own home	0.86 (0.70, 1.06)	0.87 (0.63, 1.19)	1.07 (0.85, 1.36)	1.06 (0.84, 1.35)
At a friend(s) home	1.08 (0.73, 1.59)	1.09 (0.74, 1.61)	0.97 (0.72, 1.30)	0.95 (0.71, 1.29)
At a relative's home	1.59 (0.85, 2.98)	1.60 (0.85, 3.00)	0.74 (0.43, 1.27)	0.73 (0.43, 1.25)
At a disco or party	0.91 (0.64, 1.29)	0.92 (0.64, 1.33)	1.44 (1.12, 1.86)	1.40 (1.07, 1.82)
Somewhere else	1.15 (0.64, 2.04)	1.15 (0.65, 2.06)	1.12 (0.71, 1.75)	1.10 (0.70, 1.73)

<sup>a</sup> Model 1 adjusted for sex, parental social class at 16 years, achieved adult social class at 30 years, frequency of mothers alcohol consumption, frequency of fathers alcohol consumption, other social contexts alcohol is consumed in (other sources alcohol is acquired under source subheading); Model 2 is model 1 plus units consumed at 16 years of age. Reference category is not consuming in that context or source.