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Paper:

Donoghue, K., Rose, H., Boniface, S., Deluca, P., Coulton, S., Alam, M., Gilvarry, E., Kaner, E., Lynch, E., Maconochie, I., McArdle, P., McGovern, R., Newbury-Birch, D., Patton, R., Phillips, C., Phillips, T., Russell, I., Strang, J. & Drummond, C. (2017). Alcohol Consumption, Early-Onset Drinking, and Health-Related Consequences in Adolescents Presenting at Emergency Departments in England. *Journal of Adolescent Health*

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Table 1: overview of study sample and regression analysis to explore the relationship between demographics and measures of general health and social

functioning and the consumption of alcohol in the previous 3 months

	Whole sample (N=5376)	No alcohol in the past 3 months (N=3960)	Consumed alcohol in the past 3 months (1374)	Odds of having consumed alcohol in the past 3 months
Age, mean (SD)	13.28 (2.074)	12.65 (1.850)	15.12 (1.511)	OR = 2.147, p<0.001, 95% CI=2.050-2.248
Gender, N (%)[1]				
Male	2869 (53.8)	2183 (55.1)	686 (49.9)	****
Female	2465 (46.2)	1777 (44.9)	688 (50.1)	OR = 1.232, p=0.001, 95% CI=1.090-1.393
Ethnicity, N (%)[2]				
Other	1396 (27.4)	1215 (32.1)	181 (13.8)	****
White	3699 (72.6)	2565 (67.9)	1134 (86.2)	OR = 2.968, p<0.001, 95% CI = 2.501-3.521
Tobacco, N (%)[3]				
No	4846 (91.1)	3843 (97.36)	1003 (73.2)	****
Yes	476 (8.9)	108 (2.7)	368 (26.8)	OR = 13.056, p<0.001, 95% CI = 10.420-16.357
Emotion scale, N (%)[4]*				
Normal	4556 (86.9)	3442 (87.4)	1114 (85.6)	****
Borderline	284 (5.4)	211 (5.4)	73 (5.6)	OR=1.069, p=0.634, 95% CI=0.812-1.407
Abnormal	400 (7.6)	285 (7.2)	115 (8.8)	OR=1.247, p=0.057, 95% CI=0.994-1.56
Conduct scale, N (%)[5]*				
Normal	1404 (78.6)	3082 (78.7)	1022 (78.3)	****
Borderline	519 (9.9)	382 (9.8)	137 (10.5)	OR=1.082, p=0.459, 95% CI=0.879-1.331
Abnormal	600 (11.5)	453 (11.6)	147 (11.3)	OR=0.979, p=0.831, 95% CI=0.802-1.194
Hyperactivity scale, N (%)[6]*				
Normal	3919 (74.9)	2941 (74.9)	978 (75.2)	****

Borderline	495 (9.5)	380 (9.7)	115 (8.8)	OR=0.910, p=0.403, 95% CI = 0.730-1.135
Abnormal	815 (15.6)	608 (15.5)	207 (15.9)	OR=1.024, p=0.790, 95% CI= 0.861-1.218
Peer scale, N (%)[7]*				
Normal	4471 (85.5)	3393 (86.4)	1078 (82.7)	****
Borderline	584 (11.2)	413 (10.5)	171 (13.1)	OR=0.303, p=0.007, 95% CI=1.077-1.577
Abnormal	175 (3.3)	121 (3.1)	54 (4.1)	OR=1.405, p=0.042, 95% CI=1.012-1.950
Prosocial scale, N (%)[8]*				
Normal	4704 (89.6)	3639 (92.3)	1065 (81.5)	****
Borderline	328 (6.2)	204 (5.2)	124 (9.5)	OR=2.077, p<0.001, 95% CI=1.6452.623
Abnormal	218 (4.2)	101 (2.6)	117 (9.0)	OR=3.958, p<0.001, 95% CI=3.007-5.210
Quality of life, mean (SD)[9]	42.92 (5.32)	43.58 (5.03)	40.92 (5.66)	OR=0.906, p<0.001, 95% CI=0.894-0.918

NB: OR = Odds Ratio, CI = Confidence Interval, Number of participants with missing data; [1]1, [2]245, [3]25, [4]112, [5]129, [6]124, [7]122, [8]102, [9]25, *Derived from the

SDQ, **** Reference group