

Supplemental Information

SUPPLEMENTAL TABLE 7 Performance of Drinking Quantity per Occasion to Identify Any Past-Year AUD Symptom

Cut Point	Age 12		Age 13		Age 14		Age 15		Age 16		Age 17		Age 18	
	Se	Sp	Se	Sp	Se	Sp	Se	Sp	Se	Sp	Se	Sp	Se	Sp
Females														
≥1 drink	1.00	0.95	1.00	0.88	1.00	0.78	1.00	0.68	1.00	0.61	1.00	0.54	1.00	0.50
≥2 drinks	0.31	0.99	0.37	0.99	0.48	0.96	0.58	0.94	0.64	0.90	0.68	0.87	0.77	0.82
≥3 drinks	0.22	1.00	0.23	0.99	0.36	0.98	0.46	0.96	0.53	0.94	0.59	0.91	0.67	0.87
≥4 drinks	0.13	1.00	0.18	1.00	0.27	0.99	0.35	0.97	0.43	0.96	0.47	0.94	0.54	0.92
Males														
≥1 drink	1.00	0.95	1.00	0.89	1.00	0.81	1.00	0.72	1.00	0.64	1.00	0.57	1.00	0.50
≥2 drinks	0.32	0.99	0.31	0.99	0.46	0.98	0.58	0.94	0.67	0.91	0.73	0.86	0.80	0.79
≥3 drinks	0.24	1.00	0.20	0.99	0.34	0.98	0.49	0.96	0.59	0.93	0.67	0.89	0.73	0.83
≥4 drinks	0.18	1.00	0.15	1.00	0.27	0.99	0.42	0.97	0.52	0.95	0.60	0.91	0.65	0.87

Analysis sample includes those who reported alcohol use in the past month.

SUPPLEMENTAL TABLE 8 Performance of Drinking Quantity per Occasion to Identify Past-Year DSM-IV Alcohol Dependence

Cut Point	Age 12		Age 13		Age 14		Age 15		Age 16		Age 17		Age 18	
	Se	Sp	Se	Sp	Se	Sp	Se	Sp	Se	Sp	Se	Sp	Se	Sp
Females														
≥1 drink	1.00	0.94	1.00	0.85	1.00	0.73	1.00	0.60	1.00	0.51	1.00	0.44	1.00	0.37
≥2 drinks	0.45	0.99	0.47	0.97	0.61	0.94	0.68	0.88	0.74	0.82	0.79	0.77	0.88	0.69
≥3 drinks	0.40	1.00	0.39	0.99	0.47	0.96	0.57	0.91	0.69	0.87	0.72	0.82	0.80	0.76
≥4 drinks	0.07	1.00	0.32	0.99	0.37	0.97	0.48	0.94	0.61	0.90	0.62	0.87	0.68	0.83
Males														
≥1 drink	1.00	0.94	1.00	0.87	1.00	0.77	1.00	0.64	1.00	0.53	1.00	0.45	1.00	0.36
≥2 drinks	0.60	0.99	0.34	0.98	0.71	0.95	0.70	0.89	0.78	0.82	0.81	0.74	0.86	0.63
≥3 drinks	0.50	1.00	0.27	0.99	0.50	0.97	0.61	0.92	0.70	0.85	0.75	0.77	0.81	0.68
≥4 drinks	0.19	1.00	0.18	0.99	0.43	0.98	0.57	0.93	0.65	0.87	0.68	0.81	0.75	0.73

Analysis sample includes those who reported alcohol use in the past month.

SUPPLEMENTAL TABLE 9 Performance of HED Frequency to Identify Any Past-Year AUD Symptom

Cut Point	Age 12		Age 13		Age 14		Age 15		Age 16		Age 17		Age 18	
	Se	Sp	Se	Sp	Se	Sp	Se	Sp	Se	Sp	Se	Sp	Se	Sp
Females														
≥1 d	0.30	0.99	0.35	0.99	0.45	0.97	0.52	0.95	0.56	0.93	0.60	0.91	0.67	0.88
≥2 d	0.14	1.00	0.22	1.00	0.29	0.99	0.36	0.98	0.40	0.97	0.44	0.96	0.52	0.94
≥3 d	0.09	1.00	0.13	1.00	0.19	0.99	0.24	0.99	0.27	0.98	0.31	0.98	0.40	0.97
≥4 d	0.07	1.00	0.09	1.00	0.14	1.00	0.17	1.00	0.20	0.99	0.25	0.99	0.31	0.98
Males														
≥1 d	0.37	0.99	0.33	0.99	0.47	0.97	0.55	0.95	0.66	0.92	0.71	0.88	0.76	0.83
≥2 d	0.24	1.00	0.21	1.00	0.32	0.99	0.40	0.98	0.50	0.96	0.58	0.93	0.64	0.90
≥3 d	0.14	1.00	0.13	1.00	0.21	0.99	0.28	0.99	0.37	0.98	0.45	0.96	0.51	0.94
≥4 d	0.08	1.00	0.09	1.00	0.14	1.00	0.21	0.99	0.29	0.99	0.37	0.97	0.43	0.96

HED frequency is the number of days of 5+ drinks per occasion in the past 30 days. Analysis sample includes those who reported alcohol use in the past month. d, day(s).

SUPPLEMENTAL TABLE 10 Performance of HED Frequency to Identify Past-Year DSM-IV Alcohol Dependence

Cut Point	Age 12		Age 13		Age 14		Age 15		Age 16		Age 17		Age 18	
	Se	Sp	Se	Sp	Se	Sp	Se	Sp	Se	Sp	Se	Sp	Se	Sp
Females														
≥ 1 d	0.44	0.99	0.51	0.97	0.59	0.94	0.66	0.90	0.71	0.86	0.76	0.82	0.83	0.76
≥ 2 d	0.33	1.00	0.37	0.99	0.49	0.97	0.49	0.94	0.58	0.91	0.63	0.89	0.74	0.85
≥ 3 d	0.25	1.00	0.28	0.99	0.37	0.98	0.37	0.97	0.46	0.95	0.48	0.93	0.61	0.90
≥ 4 d	0.25	1.00	0.19	1.00	0.29	0.99	0.29	0.98	0.37	0.97	0.39	0.95	0.51	0.93
Males														
≥ 1 d	0.65	0.99	0.42	0.98	0.71	0.95	0.72	0.90	0.76	0.83	0.81	0.75	0.88	0.67
≥ 2 d	0.42	1.00	0.30	0.99	0.55	0.97	0.59	0.94	0.66	0.89	0.71	0.83	0.77	0.76
≥ 3 d	0.22	1.00	0.21	0.99	0.34	0.98	0.48	0.96	0.55	0.92	0.60	0.88	0.64	0.82
≥ 4 d	0.06	1.00	0.12	1.00	0.29	0.99	0.42	0.97	0.47	0.94	0.50	0.91	0.55	0.86

HED frequency is the number of days of 5+ drinks per occasion in the past 30 days. Analysis sample includes those who reported alcohol use in the past month. d, day(s).