

Supplemental Information

SUPPLEMENTAL TABLE 7 Association (Unadjusted Binary Logistic Regressions) of W4 to W7 DWI With W1 to W3 Binge Drinking and Parenting Variables Among Emerging Adults

	W4 (N = 1252)			W5 (N = 1427)			W6 (N = 1594)			W7 (N = 1749)		
	OR	95% CI	P	OR	95% CI	P	OR	95% CI	P	OR	95% CI	P
Binge drinking in W3, yes versus no	4.8	2.9 to 7.8	<.001	4.5	3.0 to 6.8	<.001	4.0	2.6 to 6.0	<.001	2.5	1.5 to 4.0	<.001
Binge drinking												
3 times versus none	6.8	3.2 to 14.2	<.001	7.9	4.5 to 13.8	<.001	5.0	2.5 to 10.0	<.001	2.9	1.6 to 5.3	<.001
Twice versus none	5.9	2.7 to 12.7	<.001	4.5	2.1 to 9.4	<.001	2.8	2.0 to 3.9	<.001	2.2	1.1 to 4.3	<.05
Once versus none	1.8	1.0 to 3.2	<.05	2.4	1.1 to 5.1	<.05	2.1	1.4 to 3.3	<.01	1.1	0.8 to 1.7	>.05
W1 to W3 father monitoring knowledge (grand mean)	0.8	0.6 to 1.1	>.05	0.8	0.7 to 1.0	>.05	0.8	0.7 to 1.0	= .05	0.9	0.8 to 1.2	>.05
W1 to W3 mother monitoring knowledge (grand mean)	0.4	0.3 to 0.6	<.001	0.6	0.4 to 1.1	>.05	0.8	0.5 to 1.3	>.05	0.7	0.5 to 1.1	>.05
W1 to W3 parental support of not using alcohol (grand mean)	0.7	0.6 to 0.8	<.001	0.7	0.5 to 0.9	<.01	0.9	0.7 to 1.1	>.05	0.8	0.6 to 0.9	<.05

W1 to W3: 10th grade to 12th grade; W4 to W7: 1 to 4 y after high school. *N* was the total number of participants who had valid DWI values and an independent driving license in the corresponding wave. CI, confidence interval; OR, unadjusted odds ratio.

SUPPLEMENTAL TABLE 8 Association (Unadjusted Binary Logistic Regressions) of W4 to W7 RWI With W1 to W3 Binge Drinking and Parenting Variables Among Emerging Adults

	W4 (N = 2149)			W5 (N = 2143)			W6 (N = 2257)			W7 (N = 2293)		
	OR	95% CI	P	OR	95% CI	P	OR	95% CI	P	OR	95% CI	P
Binge drinking in W3, yes versus no	3.8	2.5 to 5.8	<.001	3.0	2.1 to 4.4	<.001	3.2	2.1 to 4.8	<.001	2.4	1.4 to 4.1	<.001
Binge drinking												
3 times versus none	7.2	3.6 to 14.4	<.001	4.1	2.3 to 7.3	<.001	5.4	3.0 to 9.5	<.001	2.9	1.3 to 6.4	<.01
Twice versus none	3.2	2.1 to 4.9	<.001	2.9	1.8 to 4.6	<.001	1.9	1.1 to 3.0	<.05	2.2	1.2 to 3.8	<.01
Once versus none	2.2	1.3 to 3.9	<.01	2.1	1.5 to 3.1	<.001	1.6	1.0 to 2.6	<.05	1.3	0.9 to 1.7	>.05
W1 to W3 father monitoring knowledge (grand mean)	0.8	0.7 to 1.0	<.05	1.0	0.8 to 1.1	>.05	0.9	0.8 to 1.1	>.05	0.8	0.7 to 0.9	<.05
W1 to W3 mother monitoring knowledge (grand mean)	0.8	0.6 to 1.1	>.05	0.9	0.6 to 1.2	>.05	0.8	0.5 to 1.3	>.05	0.9	0.6 to 1.6	>.05
W1 to W3 parental support of not using alcohol (grand mean)	0.8	0.7 to 0.9	<.05	0.9	0.8 to 1.1	>.05	0.9	0.8 to 1.0	>.05	0.9	0.8 to 1.1	>.05

W1 to W3: 10th grade to 12th grade; W4 to W7: 1 to 4 y after high school. *N* was the total number of participants who had valid RWI values in the corresponding wave. CI, confidence interval; OR, unadjusted odds ratio.

SUPPLEMENTAL TABLE 9 Association (Unadjusted Binary Logistic Regressions) of W4 to W7 Blackout With W1 to W3 Binge Drinking and Parenting Variables Among Emerging Adults

	W4 (N = 1464)			W5 (N = 1561)			W6 (N = 1831)			W7 (N = 1824)		
	aOR	95% CI	P	aOR	95% CI	P	aOR	95% CI	P	aOR	95% CI	P
Binge drinking in W3, yes versus no Binge drinking	3.0	1.6 to 5.5	<.01	4.0	2.1 to 7.3	<.001	2.9	1.6 to 5.2	<.01	3.2	1.9 to 5.3	<.001
3 times versus none	5.8	2.4 to 14.3	<.001	8.5	3.2 to 22.5	<.001	5.4	2.3 to 12.8	<.001	3.3	2.0 to 5.3	<.001
Twice versus none	2.6	1.2 to 5.7	<.05	2.5	1.2 to 5.0	<.05	1.7	0.9 to 3.4	>.05	2.3	1.3 to 4.0	<.01
Once versus none	2.6	1.2 to 5.8	<.05	1.8	1.0 to 3.4	>.05	1.2	0.8 to 2.0	>.05	1.3	0.8 to 2.1	>.05
W1 to W3 father monitoring knowledge (grand mean)	1.1	0.8 to 1.5	>.05	1.0	0.7 to 1.5	>.05	1.0	0.8 to 1.3	>.05	1.1	0.9 to 1.4	>.05
W1 to W3 mother monitoring knowledge (grand mean)	1.1	0.7 to 1.7	>.05	1.0	0.7 to 1.4	>.05	1.3	0.7 to 2.3	>.05	1.3	0.8 to 2.1	>.05
W1 to W3 parental support of not using alcohol (grand mean)	0.9	0.7 to 1.2	>.05	0.8	0.6 to 1.0	>.05	1.0	0.7 to 1.3	>.05	1.1	0.9 to 1.3	>.05

W1 to W3: 10th grade to 12th grade; W4 to W7: 1 to 4 y after high school. N was the total number of participants who had valid values for blackout in the corresponding wave. aOR, adjusted odds ratio; CI, confidence interval.

SUPPLEMENTAL TABLE 10 Association (Unadjusted Binary Logistic Regressions) of W7 Extreme Binge Drinking With W1 to W3 Binge Drinking and Parenting Variables Among Emerging Adults

	W7 (N = 2285)		
	aOR	95% CI	P
Binge drinking in W3, yes versus no Binge drinking	2.5	2.0 to 3.2	<.001
3 times versus none	3.6	2.4 to 5.5	<.001
Twice versus none	1.9	0.8 to 1.7	<.001
Once versus none	1.2	0.8 to 1.7	>.05
W1 to W3 father monitoring knowledge (grand mean)	1.1	0.9 to 1.3	>.05
W1 to W3 mother monitoring knowledge (grand mean)	1.0	0.8 to 1.3	>.05
W1 to W3 parental support of not using alcohol (grand mean)	1.0	0.9 to 1.1	>.05

W1 to W3: 10th grade to 12th grade; W4 to W7: 1 to 4 y after high school. N was the total number of participants who had valid values for extreme binge drinking in the corresponding wave. aOR, adjusted odds ratio; CI, confidence interval.

SUPPLEMENTAL TABLE 11 Association (Unadjusted Linear Regression) of W4 to W7 C-RDS With W1 to W3 Binge Drinking and Parenting Variables

	W4 (N = 1253) ^a			W5 (N = 1429) ^a			W6 (N = 1595) ^a			W7 (N = 1751) ^a		
	β	95% CI	P	β	95% CI	P	β	95% CI	P	β	95% CI	P
Binge drinking in W3, yes versus no Binge drinking	1.8	1.0 to 2.7	<.001	2.3	0.9 to 3.7	<.01	1.5	0.3 to 2.8	<.05	2.1	0.5 to 3.6	<.05
3 times versus none	3.6	1.3 to 5.8	<.01	3.5	1.0 to 6.0	<.001	2.0	-0.8 to 4.9	>.05	2.7	0.4 to 5.0	<.05
Twice versus none	2.6	1.8 to 3.5	<.001	1.5	0.2 to 2.8	<.05	.6	-0.9 to 2.2	>.05	1.5	0.3 to 2.7	<.05
Once versus none	.5	-0.8 to 1.8	>.05	1.3	-0.1 to 2.6	>.05	.5	-0.1 to 2.2	>.05	.4	-0.5 to 1.2	>.05
W1 to W3 father monitoring knowledge (grand mean)	.1	-0.4 to 0.6	>.05	.1	-0.6 to 0.8	>.05	.2	-0.3 to 0.8	>.05	.3	-0.3 to 0.9	>.05
W1 to W3 mother monitoring knowledge (grand mean)	-1.2	-2.1 to 0.3	<.01	-1.5	-2.9 to 0.2	<.05	.5	-0.9 to 1.8	>.05	-.7	-1.6 to 0.2	>.05
W1 to W3 parental support of not using alcohol (grand mean)	-.4	-0.8 to 0.1	>.05	-.2	-0.9 to 0.6	>.05	.0	-0.5 to 0.6	>.05	-.3	-0.8 to 0.2	>.05

W1 to W3: 10th grade to 12th grade; W4 to W7: 1 to 4 y after high school. CI, confidence interval.

^a The N was the total number of participants who had valid values for C-RDS and an independent driving license in the corresponding wave.

SUPPLEMENTAL TABLE 12 Pairwise Comparisons to Test Dose-Response Relationship Between the 4-Group Binge Drinking Variable and Outcome Variables

	3 Times Versus Once	2 Times Versus Once	3 Times Versus 2 Times
W4	0.0028	0.0013	0.7730
W5	0.0012	0.1290	0.0803
W6	0.0908	0.2304	0.5055
W7	0.0134	0.1809	0.5495
DWI			
W4	0.0233	0.4521	0.0208
W5	0.2051	0.2485	0.5178
W6	0.0023	0.5158	0.0064
W7	0.0349	0.0646	0.3078
RWI			
W4	0.1662	0.4617	0.0767
W5	0.0038	0.8568	0.0002
W6	0.0243	0.6504	0.0116
W7	0.0289	0.4145	0.0303
Blackout			
W4	0.0147	0.0023	0.7070
W5	0.1594	0.9694	0.2143
W6	0.6605	0.8405	0.5663
W7	0.0641	0.3097	0.3137
Extreme binge drinking			
W7	0.0027	0.2088	0.0657

With a Bonferroni correction approach, the α level used was .008, which was calculated by dividing α (ie, .05) by the number of comparisons (ie, 6). Please see the exact *P* values for the results of 3 times versus never, 2 times versus never, and once versus never in Tables 2 through 6.