

Supplemental Table 1. Fully Adjusted (Regression Model 3) Results Relating Problem-Gambling Severity to Incident Hypomania, Generalized-Anxiety Disorder, and Substance-Use Disorders Amongst Older Adults

Study variable	Incident Hypomania		Incident Generalized-Anxiety Disorder		Incident Any Substance-Use Disorder	
	OR	95% CI	OR	95% CI	OR	95% CI
<b>Problem-gambling severity</b>						
NG/LFG	1.00	--	1.00	--	1.00	--
LRG	0.33	0.13-0.81	1.19	0.82-1.75	0.92	0.66-1.29
ARPG	0.66	0.16-2.67	2.51	1.24-5.06	2.61	1.38-4.94
<b>Current Age, Years</b>	0.97	0.94-1.00	0.97	0.94-0.99	0.93	0.91-0.96
<b>Gender</b>						
Male	1.00	--	1.00	--	1.00	--
Female	1.26	0.66-2.40	2.77	1.90-4.02	0.65	0.47-0.89
<b>Race</b>						
White	1.00	--	1.00	--	1.00	--
Black	3.72	1.93-7.15	0.87	0.57-1.32	0.90	0.61-1.32
Other	0.45	0.06-3.49	1.44	0.75-2.78	1.05	0.33-3.39
Hispanic	1.06	0.27-4.24	0.76	0.45-1.31	0.79	0.42-1.47
<b>Marital status</b>						
Married	1.00	--	1.00	--	1.00	--
Formerly married	0.70	0.32-1.54	0.81	0.52-1.27	1.32	0.99-1.76
Never	1.60	0.61-4.22	1.38	0.72-2.66	2.05	1.19-3.55
<b>Education</b>						
Less than high school	1.20	0.57-2.55	1.47	0.98-2.20	0.91	0.62-1.33
High school	1.00	--	1.00	--	1.00	--
Some college	1.01	0.46-2.21	1.16	0.75-1.82	0.88	0.56-1.37
College and above	1.68	0.70-4.04	1.06	0.67-1.68	0.59	0.35-0.98
<b>Employment</b>						
Full time	1.00	--	1.00	--	1.00	--
Part time	1.52	0.51-4.50	1.42	0.75-2.68	1.17	0.68-1.99
Other	1.03	0.51-2.09	1.46	0.87-2.47	1.42	0.93-2.15
<b>Income</b>						
<\$20,000	1.00	--	1.00	--	1.00	--
\$20,000 to <\$35,000	1.18	0.56-2.48	1.04	0.68-1.59	1.02	0.71-1.47
\$35,000 to <\$70,000	0.69	0.30-1.61	0.99	0.57-1.71	1.41	0.95-2.11
>=\$70,000	0.83	0.34-2.05	0.84	0.41-1.72	0.95	0.51-1.77
<b>Any Mood Disorder</b>						
Yes			6.17	4.14-9.18	0.96	0.50-1.83
No			1.00	--	1.00	--
<b>Any Anxiety Disorder</b>						
Yes	1.44	0.63-3.30			1.24	0.72-2.14
No	1.00	--			1.00	--
<b>Any Substance-Use Disorder</b>						
Yes	0.99	0.28-2.57	1.17	0.67-2.03		
No	1.00	--	1.00	--		
<b>Medical conditions</b>	1.31	1.09-1.57	1.16	1.02-1.32	1.13	0.99-1.29
<b>Stressful life events</b>	1.35	1.16-1.57	1.12	1.00-1.26	1.09	0.97-1.23
<b>SF-12 Physical Functioning</b>	1.01	0.99-1.04	0.99	0.98-1.01	1.00	0.99-1.01

<b>Tobacco use</b>						
Current user	2.01	0.81-4.98	0.56	0.33-0.96	18.98	13.40-26.88
Former user	1.39	0.59-3.27	0.89	0.61-1.29	1.01	0.63-1.61
Lifetime non-user	1.00	--	1.00	--	1.00	--
<b>Alcohol consumption</b>						
Current drinker	0.99	0.42-2.34	1.06	0.69-1.62	1.53	0.97-2.43
Former drinker	1.13	0.49-2.64	1.05	0.67-1.64	1.13	0.71-1.80
Lifetime abstainer	1.00	--	1.00	--	1.00	--
<b>Drug use</b>						
Current user	3.78	0.89-16.05	0.96	0.36-2.55	1.67	0.60-4.68
Former user	1.94	0.61-6.21	1.11	0.60-2.07	1.40	0.59-3.30
Lifetime non-user	1.00	--	1.00	--	1.00	--

LFG/NG= Low-frequency gambling/Non-gambling; LRG= Low-risk gambling; ARPG=At-risk/problem gambling; SF-12 = Short-Form-12

OR=odds ratio; CI=confidence interval

Supplemental Table 2. Analysis of Attrition

Wave 1 study variable	Did Not Complete vs. Completed Wave 2 <sup>a</sup>		
	OR	95% CI	P <sup>b</sup>
<b>Problem-gambling severity</b>			.0577
NG/LFG	1.00	--	
LRG	0.90	0.79-1.03	
ARPG	0.67	0.45-1.00	
<b>Current age, years</b>	1.04	1.04-1.05	<.0001
<b>Gender</b>			
Male	1.00	--	
Female	0.77	0.68-0.88	
<b>Race</b>			.0526
White	1.00	--	
Black	1.13	0.95-1.33	
Other	1.24	0.93-1.67	
Hispanic	1.28	1.02-1.62	
<b>Marital status</b>			<.0001
Married/living as married	1.00	--	
Formerly married	1.31	1.17-1.47	
Never	1.37	1.09-1.73	
<b>Education</b>			.0146
Less than high school	1.07	0.92-1.23	
High school	1.00	--	
Some college	0.83	0.72-0.97	
College and above	0.74	0.70-1.01	
<b>Employment</b>			.0080
Full time	1.00	--	
Part time	0.65	0.49-0.85	
Other	0.89	0.74-1.06	
<b>Income</b>			.1564
<\$20,000	1.00	--	
\$20,000 to <\$35,000	1.05	0.91-1.20	
\$35,000 to <\$70,000	0.90	0.75-1.08	
≥\$70,000	0.80	0.62-1.04	
<b>Any Mood Disorder</b>			.0971
Yes	1.22	0.96-1.54	
No	1.00	--	
<b>Any Anxiety Disorder</b>			.5503
Yes	0.95	0.78-1.14	
No	1.00	--	
<b>Any Substance-Use Disorder</b>			.2625
Yes	1.14	0.90-1.44	
No	1.00	--	
<b>Medical conditions</b>	0.97	0.93-1.02	.2037
<b>Stressful life events</b>	0.89	0.85-0.94	<.0001

<b>SF-12 Physical Health score</b>	0.98	0.97-0.98	<b>&lt;.0001</b>
<b>Tobacco use</b>			<b>.2820</b>
Current user	1.13	0.93-1.37	
Former user	0.97	0.84-1.11	
Lifetime non-user	1.00	--	
<b>Alcohol consumption</b>			<b>.2065</b>
Current drinker	0.92	0.80-1.06	
Former drinker	1.03	0.89-1.19	
Lifetime abstainer	1.00	--	
<b>Drug use</b>			<b>.0317</b>
Current user	0.70	0.47-1.04	
Former user	0.75	0.56-0.99	
Lifetime non-user	1.00	--	

<sup>a</sup> Model is fully adjusted for all Wave 1 study variables

<sup>b</sup> *p*-value from Wald F-test

LFG/NG= Low-frequency gambling/Non-gambling; LRG= Low-risk gambling; ARPG=At-risk/problem gambling; OR=odds ratio; CI=confidence interval

Bold values indicate statistically significant results (p<.05)