



Supplementary Materials: The Relationship between Starting to Drink and Psychological Distress, Sleep Disturbance after the Great East Japan Earthquake and Nuclear Disaster: The Fukushima Health Management Survey

Masatsugu Orui ^{1,*}, Yuka Ueda ², Yuriko Suzuki ^{1,3}, Masaharu Maeda ^{4,6}, Tetsuya Ohira ^{2,6}, Hirooki Yabe ^{5,6} and Seiji Yasumura ^{1,6}

Table S1. Multivariate logistic regression analysis of newly-started drinkers and continuing drinkers after having begun excepted 20–39 age category.

	Sample 1 Newly-Started Drinkers vs. Continuing Non-Drinkers			Sample 2 Continuing Newly-Started Drinkers vs. Abstainers			
	Odds Ratio (95% CI)	<i>p</i> Value	Odds Ratio (95% CI)	<i>p</i> Value			
Gender							
Male	2.14	(1.92–2.39)	<0.01	1.18	(0.89–1.55)	0.25	
Female (Ref.)	1.00			1.00			
Age (as of 11 March 2011)							
40–64 years old	1.60	(1.42–1.80)	<0.01	1.39	(1.05–1.85)	0.02	
65 years old and older (Ref.)	1.00			1.00			
Education							
Junior/ Senior high school	0.96	(0.93–0.99)	0.02	0.98	(0.91–1.06)	0.57	
Vocational college, University, Graduated school (Ref.)	1.00			1.00			
Subjective health condition							
Not good	0.96	(0.93–0.99)	0.04	0.95	(0.87–1.04)	0.25	
Good/ Unremarkable (Ref.)	1.00			1.00			
Sleep disturbance							
Unsatisfied with sleep condition	Yes	1.06	(1.03–1.10)	<0.01	1.03	(0.96–1.11)	0.44
	No	1.00			1.00		
Psychological distress							
K6 (13 points and more)	13≤	1.10	(1.06–1.14)	<0.01	1.06	(0.95–1.19)	0.27
	≤12	1.00			1.00		
Disaster-related experience							
Experience of tsunami	Yes	1.02	(0.99–1.06)	0.21	1.04	(0.96–1.13)	0.32
	No	1.00			1.00		

Experience of nuclear power plant accident	Yes	1.02	(0.99–1.05)	0.17	1.05	(0.95–1.16)	0.37
	No	1.00			1.00		
Disaster effects on economic status							
Loss of employment due to disaster	Yes	1.01	(0.98–1.04)	0.64	0.96	(0.89–1.03)	0.24
	No	1.00			1.00		
Perception of radiation risks							
Delayed effects	High	1.04	(1.01–1.07)	<0.01	1.07	(0.99–1.14)	0.06
	Low	1.00			1.00		
Drinking behavior in 2012							
Heavy drinkers (4 drinks/day and more)		–	–	–	1.30	(1.17–1.50)	<0.01
Light drinkers (less than 4 drinks/day)		–			1.00		



© 2017 by the authors. Submitted for possible open access publication under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).