

Supplementary Table S1. Characteristics of users of media relating to nuclear exposure (Forced evacuees)

Forced evacuees	Any local media		Any national media		Public broadcasting (NHK)		Internet media		Public relations from local governments	
	(n=112)		(n=46)		(n=76)		(n=24)		(n=79)	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
Age (as of August 2016)										
<40 years	10	(8.9)	4	(8.7)	6	(7.9)	7	(29.2)	1	(1.3)
40-64 years	55	(49.1)	20	(43.5)	29	(38.2)	16	(66.7)	41	(51.9)
≥65 years	47	(42.0)	22	(47.8)	41	(53.9)	1	(4.2)	37	(46.8)
Gender										
Male	43	(38.4)	18	(39.1)	29	(38.2)	13	(54.2)	35	(44.3)
Female	69	(61.6)	28	(60.9)	47	(61.8)	11	(45.8)	44	(55.7)
Education										
Junior/ Senior high school	82	(74.5)	32	(71.1)	55	(73.3)	10	(41.7)	60	(76.9)
Vocational college, University, Graduate school	28	(25.5)	13	(28.9)	20	(26.7)	14	(58.3)	18	(23.1)
Occupational category										
Employed or owner	43	(39.1)	9	(20.0)	27	(37.0)	14	(58.3)	25	(32.5)
Suspended from job	6	(5.5)	3	(6.7)	3	(4.1)	1	(4.2)	5	(6.5)
Unemployed	61	(55.5)	33	(73.3)	43	(58.9)	9	(37.5)	47	(61.0)

Supplementary Table S2. Characteristics of users of media relating to nuclear exposure (Voluntary evacuees)

Voluntary evacuees	Any local media		Any national media		Public broadcasting (NHK)		Internet media		Public relations from local governments	
	(n=45)		(n=17)		(n=26)		(n=30)		(n=20)	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
Age (as of August 2016)										
<40 years	8	(17.8)	5	(29.4)	1	(3.8)	13	(43.3)	4	(20.0)
40-64 years	24	(53.3)	7	(41.2)	14	(53.8)	16	(53.3)	6	(30.0)
≥65 years	13	(28.9)	5	(29.4)	11	(42.3)	1	(3.3)	10	(50.0)
Gender										
Male	19	(42.2)	5	(29.4)	11	(42.3)	11	(36.7)	10	(50.0)
Female	26	(57.8)	12	(70.6)	15	(57.7)	19	(63.3)	10	(50.0)
Education										
Junior/ Senior high school	25	(56.8)	7	(41.2)	15	(57.7)	10	(33.3)	12	(60.0)

Vocational college, University, Graduate

school 19 (43.2) 10 (58.8) 11 (42.3) 20 (66.7) 8 (40.0)

Occupational category

Employed or owner 30 (68.2) 8 (47.1) 19 (76.0) 25 (83.3) 13 (65.0)

Suspended from job 0 (0.0) 0 (0.0) 0 (0.0) 0 (0.0) 0 (0.0)

Unemployed 14 (31.8) 9 (52.9) 6 (24.0) 5 (16.7) 7 (35.0)

Supplementary Table S3. Prevalence of current health anxiety due to radiation exposure

	Total	Forced	Voluntary	
	(n=223)	evacuees	evacuees	p
	n (%)	(n=155)	(n=68)	value
	n (%)	n (%)	n (%)	(χ^2)
Current health anxiety due to radiation exposure				
Not at all	28 (12.6)	21 (13.5)	7 (10.3)	
Only a little	47 (21.1)	32 (20.6)	15 (22.1)	
Somewhat	105 (47.1)	73 (47.1)	32 (47.1)	
Very	24 (10.8)	19 (12.3)	5 (7.4)	0.40
Extremely	19 (8.5)	10 (6.5)	9 (13.2)	($\chi^2=4.05$)