

Supplementary Table 1. Characteristics of wives by presence or absence of husbands' undergoing therapy for hypertension, diabetes, dyslipidemia, and any of 3 diseases

Characteristics of wives	Husbands' undergoing therapy					
	Hypertension		P-value*	Diabetes		P-value*
	Presence	Absence		Presence	Absence	
Location of the residence						
Large city	2,508 (16.5%)	14,176 (19.7%)	<0.001	726 (16.7%)	15,958 (19.3%)	<0.001
Medium-sized or small city, Countryside	10,418 (68.7%)	48,981 (68.2%)		3,031 (69.8%)	56,368 (68.2%)	
Countrywide	2,235 (14.7%)	8,623 (12.0%)		585 (13.5%)	10,273 (12.4%)	
Household expenditures (yen)						
mean±SD	26.4±24.8	27.8±24.7	<0.001	25.8±22.5	27.6±24.8	<0.001
Age group						
40-49	506 (3.3%)	19,290 (26.9%)	<0.001	162 (3.7%)	19,634 (23.8%)	<0.001
50-59	2,254 (14.9%)	18,767 (26.1%)		646 (14.9%)	20,375 (24.7%)	
60-69	5,881 (38.8%)	20,831 (29.0%)		1,738 (40.0%)	24,974 (30.2%)	
70-79	4,779 (31.5%)	9,949 (13.9%)		1,379 (31.8%)	13,349 (16.2%)	
80-	1,741 (11.5%)	2,943 (4.1%)		417 (9.6%)	4,267 (5.2%)	
Educational background						
Four-year collage/university	827 (5.5%)	8,141 (11.3%)	<0.001	197 (4.5%)	8,771 (10.6%)	<0.001
Other	14,334 (94.5%)	63,639 (88.7%)		4,145 (95.5%)	73,828 (89.4%)	
Smoking history						
Non-smoker	14,289 (94.2%)	65,295 (90.9%)	<0.001	4,005 (92.2%)	75,536 (91.4%)	0.175
Smoker	677 (4.5%)	5,248 (7.3%)		273 (6.3%)	5,652 (6.8%)	
Past smoker	198 (1.3%)	1,277 (1.8%)		64 (1.5%)	1,411 (1.7%)	
Alcohol drinking habit						
Drinking 180ml or more per day**	676 (4.5%)	4,186 (5.8%)	<0.001	81 (1.9%)	4,781 (5.8%)	<0.001
Other	14,485 (95.5%)	67,594 (94.2%)		4,261 (98.1%)	77,818 (94.2%)	
Presence/absence of having undergone therapy for another disease						
Presence	4,703 (31.0%)	30,532 (42.5%)	<0.001	3,358 (77.3%)	41,351 (50.1%)	<0.001
Absence	10,458 (69.0%)	41,248 (57.5%)		984 (22.7%)	41,248 (49.9%)	

Characteristics of wives	Husbands' undergoing therapy					
	Dyslipidemia		P-value*	Any of 3 diseases		P-value*
	Presence	Absence		Presence	Absence	
Location of the residence						
Large city	1,524 (18.1%)	15,160 (19.3%)	0.001	3,827 (17.1%)	12,857 (19.9%)	<0.001
Medium-sized or small city, Countryside	5,756 (68.4%)	53,643 (68.3%)		15,371 (68.7%)	44,028 (68.2%)	
Countrywide	1,140 (13.5%)	3,718 (12.4%)		3,176 (14.2%)	7,682 (11.9%)	
Household expenditures (yen)						
mean±SD	27.7±24.6	27.5±24.7	0.441	26.6±24.4	27.9±24.8	<0.001
Age group						
40-49	215 (2.6%)	19,581 (24.9%)	<0.001	782 (3.5%)	19,014 (29.4%)	<0.001
50-59	1,394 (16.6%)	19,627 (25.0%)		3,577 (16.0%)	17,444 (27.0%)	
60-69	4,023 (47.8%)	22,689 (28.9%)		9,153 (40.9%)	17,559 (27.2%)	
70-79	2,326 (27.8%)	12,402 (15.8%)		6,715 (30.0%)	8,013 (12.4%)	
80-	492 (5.9%)	4,222 (5.4%)		2,147 (9.6%)	2,537 (3.9%)	
Educational background						
Four-year collage/university	580 (6.7%)	8,408 (10.7%)	<0.001	1,316 (5.9%)	7,652 (11.9%)	<0.001
Other	7,660 (93.3%)	70,113 (89.3%)		21,058 (94.1%)	56,915 (88.1%)	
Smoking history						
Non-smoker	8,017 (95.2%)	71,524 (91.1%)	<0.001	21,067 (94.2%)	58,474 (90.6%)	<0.001
Smoker	296 (3.5%)	5,629 (7.2%)		1,009 (4.5%)	4,916 (7.8%)	
Past smoker	107 (1.3%)	1,368 (1.7%)		298 (1.3%)	1,177 (1.8%)	
Alcohol drinking habit						
Drinking 180ml or more per day**	164 (1.9%)	4,698 (6.0%)	<0.001	792 (3.5%)	4,070 (6.3%)	<0.001
Other	8,256 (98.1%)	73,823 (94.0%)		21,582 (96.5%)	60,497 (93.7%)	
Presence/absence of having undergone therapy for another disease						
Presence	1,828 (21.7%)	37,273 (47.5%)	<0.001	13,009 (58.1%)	23,319 (36.1%)	<0.001
Absence	6,592 (78.3%)	41,248 (52.5%)		9,365 (41.9%)	41,248 (63.9%)	

Note. Data are shown in number (%), otherwise indicated.
 *Wilcoxon rank-sum (Mann-Whitney) test was used for household expenditures, and chi-square test was used for other variables
 **In terms of Japanese sake