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Table SI. Baseline characteristics of the participants according to the diabetes status

Characteristics	Data before IPTW ^a			Data after IPTW ^b		
	DM (<i>n</i> = 1,557,897)	Non-DM (<i>n</i> = 210,216)	STD	DM	Non-DM	STD
Age (years)	57.5 ± 13.4	55.4 ± 13.8	0.15	57.2 ± 13.4	58.2 ± 13.4	- 0.07
Age group						
< 20 years	10,356 (0.7)	1,946 (0.9)	-0.03	0.7	0.6	0.01
20-39 years	129,223 (8.3)	21,907 (10.4)	-0.07	8.6	7.4	0.04
40-59 years	752,211 (48.3)	114,186 (54.3)	-0.12	49.0	47.1	0.04
60-79 years	605,606 (38.9)	63,309 (30.1)	0.19	37.8	40.8	-0.06
≥ 80 years	60,501 (3.9)	8,868 (4.2)	-0.02	3.9	4.1	-0.01
Male gender	816,170 (52.4)	117,467 (55.9)	- 0.07	52.8	54.6	- 0.04
Urbanization level						
Low	182,538 (11.7)	22,068 (10.5)	0.04	11.6	11.9	-0.01
Moderate	486,232 (31.2)	62,796 (29.9)	0.03	31.1	31.3	-0.01
High	467,973 (30.0)	63,538 (30.2)	<0.01	30.1	29.8	0.01
Very High	421,154 (27.0)	61,814 (29.4)	-0.05	27.3	27.1	<0.01
Monthly income, NTD						
0 – 17,880	527,816 (33.9)	76,464 (36.4)	-0.05	34.2	34.8	-0.01
17,881 – 22,800	557,730 (35.8)	66,217 (31.5)	0.09	35.3	35.8	-0.01
> 22,800	472,351 (30.3)	67,535 (32.1)	-0.04	30.5	29.4	0.03
Type of DM						
None	-	210,216 (100)	-	-	-	-
Type 1	99,566 (6.4)	-	-	-	-	-
Type 2	1,458,331 (93.6)	-	-	-	-	-
Comorbidities of DM or risk factor of zoster						

Characteristics	Data before IPTW ^a			Data after IPTW ^b		
	DM (<i>n</i> = 1,557,897)	Non-DM (<i>n</i> = 210,216)	STD	DM	Non-DM	STD
Depression	42,749 (2.7)	3,792 (1.8)	0.06	2.6	3.2	-0.03
Obstructive sleep apnea	3,086 (0.2)	203 (0.1)	0.03	0.2	0.2	-0.01
Chronic kidney disease	93,727 (6.0)	3,817 (1.8)	0.22	5.5	7.0	-0.06
Hyperlipidemia	334,691 (21.5)	10,589 (5.0)	0.50	19.5	25.3	-0.14
Hypertension	668,388 (42.9)	33,930 (16.1)	0.61	39.7	44.9	-0.10
Cardiovascular disease						
Old stroke	90,620 (5.8)	5,829 (2.8)	0.15	5.5	6.8	-0.05
Coronary artery disease	180,783 (11.6)	10,362 (4.9)	0.24	10.8	14.2	-0.10
Peripheral artery disease	21,862 (1.4)	1,286 (0.6)	0.08	1.3	1.8	-0.04
Heart failure	31,196 (2.0)	2,092 (1.0)	0.08	1.9	2.3	-0.03
COPD	80,859 (5.2)	7,428 (3.5)	0.08	5.0	5.8	-0.03
Asthma	53,255 (3.4)	4,497 (2.1)	0.08	3.3	3.6	-0.02
Follow up year	7.2 ± 4.2	7.1 ± 4.2	0.03	7.2 ± 4.2	6.7 ± 4.2	0.10

^aValue are given as number (%) or mean ± standard deviation. ^bValues are given as % or mean ± standard deviation.

DM: diabetes mellitus; IPTW: inverse probability treatment weighting; STD: standardized difference; COPD: chronic obstructive pulmonary disease.

Table SII. Baseline characteristics of the zoster patients according to the diabetes status

Characteristics	Data before IPTW ^a			Data after IPTW ^b		
	DM (<i>n</i> = 64,064)	Non-DM (<i>n</i> = 8,033)	STD	DM	Non-DM	STD
Age (years)	64.6 ± 11.7	63.6 ± 12.2	0.08	64.5 ± 11.7	65.1 ± 11.8	-0.06
Age group						
< 20 years	82 (0.1)	12 (0.1)	-0.01	0.13	0.13	<0.01
20-39 years	1,174 (1.8)	168 (2.1)	-0.02	1.9	1.6	0.02
40-59 years	21,824 (34.1)	3,161 (39.4)	-0.11	34.6	32.3	0.05
60-79 years	34,856 (54.4)	3,901 (48.6)	0.12	53.8	55.7	-0.04
≥ 80 years	6,128 (9.6)	791 (9.8)	-0.01	9.6	10.2	-0.02
Male gender	32,599 (50.9)	4,018 (50.0)	0.02	50.8	53.3	-0.05
Urbanization level						
Low	6,959 (10.9)	904 (11.3)	-0.01	10.9	11.3	-0.01
Moderate	19,760 (30.8)	2,384 (29.7)	0.03	30.7	31.0	-0.01
High	18,941 (29.6)	2,335 (29.1)	0.01	29.5	28.4	0.02
Very High	18,404 (28.7)	2,410 (30.0)	-0.03	28.9	29.3	-0.01
Monthly income, NTD						
0 – 17,880	22,265 (34.8)	2,977 (37.1)	-0.05	35.0	37.6	-0.05
17,881 – 22,800	22,538 (35.2)	2,654 (33.0)	0.05	34.9	34.5	0.01
> 22,800	19,261 (30.1)	2,402 (29.9)	<0.01	30.0	27.9	0.05
Type of DM						
None	0 (0.0)	8,033 (100.0)	-	-	-	-
Type 1	4,658 (7.3)	-	-	-	-	-
Type 2	59,406 (92.7)	-	-	-	-	-
Comorbidities of DM or risk factor of zoster						
Depression	1,050 (1.6)	120 (1.5)	0.01	1.6	1.9	-0.02
Obstructive sleep apnea	74 (0.12)	6 (0.07)	0.01	0.11	0.06	0.02
Chronic kidney disease	3,534 (5.5)	160 (2.0)	0.19	5.1	6.5	-0.06
Hyperlipidemia	12,996 (20.3)	432 (5.4)	0.46	18.6	23.1	-0.11
Hypertension	27,005 (42.2)	1,401 (17.4)	0.56	39.4	43.9	-0.09

Characteristics	Data before IPTW ^a			Data after IPTW ^b		
	DM (<i>n</i> = 64,064)	Non-DM (<i>n</i> = 8,033)	STD	DM	Non-DM	STD
Cardiovascular disease						
Old stroke	2,728 (4.3)	187 (2.3)	0.11	4.0	5.3	-0.06
Coronary artery disease	7,772 (12.1)	463 (5.8)	0.22	11.4	15.1	-0.11
Peripheral artery disease	901 (1.4)	49 (0.6)	0.08	1.3	1.7	-0.03
Heart failure	934 (1.5)	64 (0.8)	0.06	1.4	1.8	-0.03
COPD	3,313 (5.2)	318 (4.0)	0.06	5.0	6.3	-0.06
Asthma	2,073 (3.2)	220 (2.7)	0.03	3.2	3.7	-0.03
Follow up year	4.5 ± 3.2	4.3 ± 3.2	0.08	4.5 ± 3.2	4.5 ± 3.3	-0.02

^aValue are given as number (%) or mean ± standard deviation. ^bValues are given as % or mean ± standard deviation.