

Supplementary table 5. Demographic Characteristics of Individuals with Shingrix vaccination and Zostavax Vaccination Before and After PSM (N4 matched population)

	Before PSM		SMD	After PSM		SMD
	Shingrix N = 14,142	Zostavax N = 11,285		Shingrix N4 = 10,505	Zostavax N4 = 10,505	
Age	65.08 ± 8.47	65.18 ± 6.07	0.013	65.33 ± 8.07	65.20 ± 6.08	0.018
Sex						
Female	6857 (48.49)	5802 (51.41)	0.059	5318 (50.62)	5402 (51.42)	0.016
Male	5945 (42.04)	5018 (44.47)	0.049	4314 (41.07)	4639 (44.16)	0.063
Race						
White	8222 (58.14)	7009 (62.11)	0.081	6497 (61.85)	6358 (60.52)	0.027
Black or African American	2320 (16.41)	1677 (14.86)	0.043	1559 (14.84)	1654 (15.75)	0.025
Asian	870 (6.15)	541 (4.79)	0.060	523 (4.98)	540 (5.14)	0.007
Socio-economic status						
Persons with potential health hazards related to socioeconomic and psychosocial circumstances	191 (1.35)	71 (0.63)	0.073	70 (0.67)	70 (0.67)	<0.001
Comorbidities						
Hypertensive diseases	8659 (61.23)	5613 (49.74)	0.233	5635 (53.64)	5605 (53.36)	0.006
Overweight and obesity	3347 (23.67)	1355 (12.01)	0.308	1393 (13.26)	1354 (12.89)	0.011
Other forms of heart disease	2088 (14.77)	1215 (10.77)	0.120	1234 (11.75)	1194 (11.37)	0.012
Chronic kidney disease	1443 (10.20)	685 (6.07)	0.152	646 (6.15)	685 (6.52)	0.015
Neoplasms	1280 (9.05)	787 (6.97)	0.077	756 (7.20)	775 (7.38)	0.007
Nicotine dependence	946 (6.69)	407 (3.61)	0.140	403 (3.84)	406 (3.87)	0.001
Hypertensive chronic kidney disease	568 (4.02)	219 (1.94)	0.122	209 (1.99)	219 (2.09)	0.007
Alcohol related disorders	275 (1.95)	116 (1.03)	0.076	111 (1.06)	115 (1.10)	0.004
Fibrosis and cirrhosis of liver	158 (1.12)	56 (0.50)	0.069	62 (0.59)	55 (0.52)	0.009
Unspecified dementia	111 (0.79)	45 (0.40)	0.050	31 (0.30)	45 (0.43)	0.022
Alcoholic liver disease	82 (0.58)	22 (0.20)	0.062	18 (0.17)	21 (0.20)	0.007
Alzheimer's disease	69 (0.49)	33 (0.29)	0.031	34 (0.32)	32 (0.31)	0.003
Dementia in other diseases classified elsewhere	76 (0.54)	35 (0.31)	0.035	35 (0.33)	35 (0.33)	<0.001
Hepatic failure, not elsewhere classified	57 (0.40)	14 (0.12)	0.054	13 (0.12)	14 (0.13)	0.003
Chronic hepatitis, not elsewhere classified	10 (0.07)	10 (0.09)	0.006	10 (0.10)	10 (0.10)	<0.001
Vascular dementia	30 (0.21)	10 (0.09)	0.032	10 (0.10)	10 (0.10)	<0.001
Rheumatoid arthritis with rheumatoid factor	11 (0.08)	10 (0.09)	0.004	10 (0.10)	10 (0.10)	<0.001

HZ: herpes zoster; PSM: propensity score matching; SMD: standardized mean difference.
If the patient's count is 1-10, the results indicate a count of 10.
Age is presented as mean ± standard deviation, while sex, race, socioeconomic status, and comorbidities are presented as sample numbers and percentages.