

Supplementary table 3. Demographic Characteristics of Individuals with Shingrix vaccination and without the Herpes Zoster Vaccination Before and After PSM (N2 matched population)

	Before PSM			After PSM		
	Shingrix N = 14,142	No HZ vaccine N = 3,363,856	SMD	Shingrix N2 = 14,142	No HZ vaccine N2 = 14,142	SMD
Age	65.08 ± 8.47	63.30 ± 9.30	0.201	65.08 ± 8.47	65.08 ± 8.55	<0.001
Sex						
Female	6857 (48.49)	1599752 (47.56)	0.019	6857 (48.49)	6880 (48.65)	0.003
Male	5945 (42.04)	1656239 (49.24)	0.145	5945 (42.04)	6534 (46.20)	0.084
Race						
White	8222 (58.14)	1950118 (57.97)	0.003	8222 (58.14)	8246 (58.31)	0.003
Black or African American	2320 (16.41)	563189 (16.74)	0.009	2320 (16.41)	2337 (16.53)	0.003
Asian	870 (6.15)	142285 (4.23)	0.087	870 (6.15)	845 (5.98)	0.007
Socio-economic status						
Persons with potential health hazards related to socioeconomic and psychosocial circumstances	191 (1.35)	8856 (0.26)	0.122	191 (1.35)	166 (1.17)	0.016
Comorbidities						
Hypertensive diseases	8659 (61.23)	463464 (13.78)	1.124	8659 (61.23)	8672 (61.32)	0.002
Overweight and obesity	3347 (23.67)	149816 (4.45)	0.575	3347 (23.67)	3362 (23.77)	0.002
Other forms of heart disease	2088 (14.77)	205281 (6.10)	0.286	2088 (14.77)	2059 (14.56)	0.006
Chronic kidney disease	1443 (10.20)	89978 (2.68)	0.310	1443 (10.20)	1409 (9.96)	0.008
Neoplasms	1280 (9.05)	83993 (2.50)	0.284	1280 (9.05)	1276 (9.02)	0.001
Nicotine dependence	946 (6.69)	67311 (2.00)	0.231	946 (6.69)	932 (6.59)	0.004
Hypertensive chronic kidney disease	568 (4.02)	26124 (0.78)	0.213	568 (4.02)	545 (3.85)	0.008
Alcohol related disorders	275 (1.95)	18739 (0.56)	0.125	275 (1.95)	260 (1.84)	0.008
Fibrosis and cirrhosis of liver	158 (1.12)	19168 (0.57)	0.060	158 (1.12)	136 (0.96)	0.015
Unspecified dementia	111 (0.79)	7108 (0.21)	0.082	111 (0.79)	104 (0.74)	0.006
Alcoholic liver disease	82 (0.58)	6594 (0.20)	0.062	82 (0.58)	72 (0.51)	0.010
Alzheimer's disease	69 (0.49)	3447 (0.10)	0.071	69 (0.49)	65 (0.46)	0.004
Dementia in other diseases classified elsewhere	76 (0.54)	3858 (0.12)	0.074	76 (0.54)	71 (0.50)	0.005
Hepatic failure, not elsewhere classified	57 (0.40)	5877 (0.18)	0.043	57 (0.40)	47 (0.33)	0.012
Chronic hepatitis, not elsewhere classified	10 (0.07)	730 (0.02)	0.023	10 (0.07)	13 (0.09)	0.007
Vascular dementia	30 (0.21)	1394 (0.04)	0.048	30 (0.21)	24 (0.17)	0.010
Rheumatoid arthritis with rheumatoid factor	11 (0.08)	1081 (0.03)	0.019	11 (0.08)	10 (0.07)	0.003

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.