

Supplementary table 4. Demographic Characteristics of Individuals with Zostavax vaccination and without the Herpes Zoster Vaccination Before and After PSM (N3 matched population)

	Before PSM			After PSM		
	Zostavax N = 11,285	No HZ vaccine N = 3,363,856	SMD	Zostavax N3 = 11,285	No HZ vaccine N3 = 11,285	SMD
Age	65.18 ± 6.07	63.30 ± 9.30	0.239	65.18 ± 6.07	65.20 ± 6.18	0.004
Sex						
Female	5802 (51.41)	1599752 (47.56)	0.077	5802 (51.41)	5808 (51.47)	0.001
Male	5018 (44.47)	1656239 (49.24)	0.096	5018 (44.47)	5087 (45.08)	0.012
Race						
White	7009 (62.11)	1950118 (57.97)	0.085	7009 (62.11)	7005 (62.07)	0.001
Black or African American	1677 (14.86)	563189 (16.74)	0.052	1677 (14.86)	1679 (14.88)	<0.001
Asian	541 (4.79)	142285 (4.23)	0.027	541 (4.79)	544 (4.82)	0.001
Socio-economic status						
Persons with potential health hazards related to socioeconomic and psychosocial circumstances	71 (0.63)	8856 (0.26)	0.055	71 (0.63)	62 (0.55)	0.010
Comorbidities						
Hypertensive diseases	5613 (49.74)	463464 (13.78)	0.837	5613 (49.74)	5620 (49.80)	0.001
Overweight and obesity	1355 (12.01)	149816 (4.45)	0.277	1355 (12.01)	1346 (11.93)	0.002
Other forms of heart disease	1215 (10.77)	205281 (6.10)	0.168	1215 (10.77)	1208 (10.70)	0.002
Chronic kidney disease	685 (6.07)	89978 (2.68)	0.167	685 (6.07)	690 (6.11)	0.002
Neoplasms	787 (6.97)	83993 (2.50)	0.212	787 (6.97)	767 (6.80)	0.007
Nicotine dependence	407 (3.61)	67311 (2.00)	0.097	407 (3.61)	419 (3.71)	0.006
Hypertensive chronic kidney disease	219 (1.94)	26124 (0.78)	0.101	219 (1.94)	218 (1.93)	0.001
Alcohol related disorders	0 (0.00)	3546 (0.11)	0.046	0 (0.00)	10 (0.09)	0.042
Fibrosis and cirrhosis of liver	116 (1.03)	18739 (0.56)	0.053	116 (1.03)	113 (1.00)	0.003
Unspecified dementia	56 (0.50)	19168 (0.57)	0.010	56 (0.50)	56 (0.50)	<0.001
Alcoholic liver disease	45 (0.40)	7108 (0.21)	0.034	45 (0.40)	38 (0.34)	0.010
Alzheimer's disease	22 (0.20)	6594 (0.20)	<0.001	22 (0.20)	24 (0.21)	0.004
Dementia in other diseases classified elsewhere	33 (0.29)	3447 (0.10)	0.043	33 (0.29)	31 (0.28)	0.003
Hepatic failure, not elsewhere classified	35 (0.31)	3858 (0.12)	0.042	35 (0.31)	37 (0.33)	0.003
Chronic hepatitis, not elsewhere classified	14 (0.12)	5877 (0.18)	0.013	14 (0.12)	15 (0.13)	0.002
Vascular dementia	10 (0.09)	730 (0.02)	0.029	10 (0.09)	10 (0.09)	<0.001
Rheumatoid arthritis with rheumatoid factor	10 (0.09)	1394 (0.04)	0.019	10 (0.09)	10 (0.09)	<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.