

Supplementary Table 4. Baseline characteristics of study population after 1:1:1 propensity score matching

Characteristic	Total (n = 380,973)	Original valsartan (n = 126,991)	Eventually NDMA- uncontaminated valsartan (n = 126,991)	NDMA-contained valsartan (n = 126,991)	p value
Age (yr)	57.9 ± 11.8	57.9 ± 11.7	57.7 ± 11.9	58.0 ± 11.8	< 0.001 ^{b)}
Sex					> 0.999
Male	228,288 (59.9)	76,096 (59.9)	76,096 (59.9)	76,096 (59.9)	
Female	152,685 (40.1)	50,895 (40.1)	50,895 (40.1)	50,895 (40.1)	
BMI (kg/m ²)	25.4 ± 3.3	25.4 ± 3.2	25.5 ± 3.4	25.4 ± 3.3	< 0.001 ^{b)}
CCI					0.187
0	133,761 (35.11)	44,495 (35.0)	44,946 (35.4)	44,320 (34.9)	
1	104,516 (27.4)	34,931 (27.5)	34,639 (27.3)	34,946 (27.5)	
2	66,106 (17.4)	21,960 (17.3)	22,058 (17.4)	22,088 (17.4)	
≥ 3	76,590 (20.1)	25,605 (20.2)	25,348 (20.0)	25,637 (20.2)	
Being a prevalent user					> 0.999
No	380,892 (99.9)	126,964 (99.9)	126,964 (99.9)	126,964 (99.9)	
Yes	81 (0.1)	27 (0.1)	27 (0.1)	27 (0.1)	
Drinking status					< 0.001
No	188,911 (49.6)	62,813 (49.5)	62,443 (49.2)	63,655 (50.1)	
Yes	192,062 (50.4)	64,178 (50.5)	64,548 (50.8)	63,336 (49.9)	
Smoking status					0.172
Current	98,508 (25.9)	32,705 (25.8)	33,125 (26.1)	32,678 (25.7)	
Ever	71,287 (18.7)	23,778 (18.7)	23,595 (18.6)	23,914 (18.8)	
Never	211,178 (55.4)	70,508 (55.5)	70,271 (55.3)	70,399 (55.4)	
Disability					0.009
No	343,782 (90.2)	114,850 (90.4)	114,525 (90.2)	114,407 (90.1)	
Yes	37,191 (9.8)	12,141 (9.6)	12,466 (9.8)	12,584 (9.9)	
Level of healthcare provider					0.177
Tertiary	580 (0.2)	193 (0.2)	194 (0.2)	193 (0.2)	
Secondary	52,941 (13.9)	17,541 (13.8)	17,859 (14.1)	17,541 (13.8)	
Primary	292,578 (76.8)	97,731 (77.0)	97,116 (76.5)	97,731 (77.0)	
Healthcare center	32,295 (8.5)	10,672 (8.4)	10,951 (8.6)	10,672 (8.4)	
Others ^{a)}	2,579 (0.7)	854 (0.7)	871 (0.7)	854 (0.7)	
Follow-up duration (yr)		8.0 [0]	3.5 [3.4]	4.2 [2.7]	< 0.001 ^{b)}

NDMA, N-nitrosodimethylamine; BMI, body mass index; CCI, Charlson comorbidity index; ANOVA, analysis of variance.

^{a)}Others' healthcare providers included dentistry, psychiatry, and oriental medicine.

^{b)}Welch's ANOVA was performed for unequal population variances.