Supplementary Table 2. Subgroup analysis for vascular dementia

	No. of event	Duration (person-year)	Incidence rate (per 1,000)	Hazard ratio (95% confidence intervals)		
				Model 1	Model 2	Model 3
Sex						
Male						
Never	1,595	1,341,731.92	1.19	1 (Ref.)	1 (Ref.)	1 (Ref.)
Beginning	325	292,956.17	1.11	0.93 (0.83, 1.05)	0.92 (0.82, 1.04)	0.93 (0.82, 1.05)
Discontinuation	330	276,207.80	1.19	1.01 (0.89, 1.13)	0.90 (0.80, 1.02)	0.91 (0.81, 1.02)
Maintenance	197	236,459.40	0.83	0.70 (0.60, 0.81)	0.79 (0.60, 0.81)	0.72 (0.62, 0.83)
Female						
Never	2,500	2,332,205.50	1.07	1 (Ref.)	1 (Ref.)	1 (Ref.)
Beginning	289	413,139.73	0.70	0.65 (0.58, 0.74)	0.83 (0.73, 0.93)	0.83 (0.74, 0.94)
Discontinuation	309	384,341.08	0.80	0.75 (0.67, 0.84)	0.86 (0.76, 0.97)	0.86 (0.77, 0.97)
Maintenance	101	232,473.12	0.43	0.41 (0.33, 0.49)	0.56 (0.46, 0.69)	0.58 (0.47, 0.70)
p for interaction				<0.001	0.25	0.23
Age						
40s						
Never	64	804,573.4	0.08	1 (Ref.)	1 (Ref.)	1 (Ref.)
Beginning	17	138,407.65	0.12	1.54 (0.91, 2.64)	1.52 (0.89, 2.60)	1.53 (0.90, 2.61)
Discontinuation	14	120,010.89	0.12	1.47 (0.82, 2.62)	1.43 (0.80, 2.56)	1.45 (0.81, 2.59)
Maintenance	4	89,604.82	0.04	0.56 (0.21, 1.54)	0.54 (0.20, 1.48)	0.56 (0.20, 1.53)
50s						
Never	311	1,213,861.80	0.26	1 (Ref.)	1 (Ref.)	1 (Ref.)
Beginning	56	243,373.37	0.23	0.90 (0.68, 1.19)	0.89 (0.67, 1.18)	0.89 (0.67, 1.19)
Discontinuation	48	219,360.84	0.22	0.85 (0.63, 1.16)	0.84 (0.62, 1.14)	0.85 (0.62, 1.15)
Maintenance	20	161,372.42	0.12	0.48 (0.31, 0.76)	0.47 (0.30, 0.74)	0.48 (0.31, 0.76)
60s						
Never	981	940,437.18	1.04	1 (Ref.)	1 (Ref.)	1 (Ref.)
Beginning	182	207,857.34	0.88	0.84 (0.72, 0.98)	0.83 (0.71, 0.97)	0.83 (0.71, 0.98)
Discontinuation	200	195,268.32	1.02	0.98 (0.84, 1.14)	0.97 (0.83, 1.13)	0.97 (0.83, 1.13)
Maintenance	90	143,027.80	0.63	0.60 (0.49, 0.75)	0.59 (0.47, 0.73)	0.60 (0.48, 0.75)
70s						
Never	656	612,811.97	6.42	1 (Ref.)	1 (Ref.)	1 (Ref.)
Beginning	68	105,656.13	6.30	0.81 (0.72, 0.92)	0.82 (0.73, 0.93)	0.83 (0.74, 0.94)
Discontinuation	60	112,729.17	4.55	0.83 (0.74, 0.93)	0.83 (0.74, 0.93)	0.84 (0.74, 0.94)
Maintenance	27	68,865.71	4.45	0.67 (0.57, 0.79)	0.67 (0.57, 0.79)	0.70 (0.59, 0.82)
80s						
Never	656	102,253.08	6.42	1 (Ref.)	1 (Ref.)	1 (Ref.)
Beginning	68	10,801.41	6.30	0.98 (0.76, 1.26)	0.97 (0.76, 1.25)	0.99 (0.77, 1.27)
Discontinuation	60	13,179.67	4.55	0.71 (0.55, 0.92)	0.71 (0.54, 0.92)	0.72 (0.55, 0.94)
Maintenance	27	6,061.78	4.45	0.69 (0.47, 1.02)	0.68 (0.46, 1.00)	0.71 (0.49, 1.05)
p for interaction				0.13	0.15	0.16

Model 1: non-adjusted; Model 2: adjusted for age and sex; Model 3: adjusted for age, sex, income status, smoking, drinking, body mass index level, diabetes mellitus, hypertension, dyslipidemia, and chronic kidney disease.