Table SI. Risk of dementia in moderate to severe AD compared with mild AD.

	IR	HR (95% CI)			
		Non-adjusted	Model 1	Model 2	Model 3
All cause dementia					
Mild	7.309	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Moderate to severe	6.264	0.854 (0.774-0.935)	0.969 (0.904-1.035)	0.975 (0.911-1.040)	0.982 (0.918-1.046)
Alzheimer's disease					
Mild	5.571	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Moderate to severe	4.999	0.895 (0.806-0.984)	0.983 (0.912-1.055)	1.020 (0.948-1.091)	1.026 (0.955-1.097)
Vascular dementia					
Mild	1.032	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Moderate to severe	0.752	0.728 (0.507-0.949)	0.818 (0.636-1.000)	0.833 (0.654-1.013)	0.844 (0.668-1.019)

The Cox regression models were used to assess the risks of all-cause dementia, Alzheimer disease, and vascular dementia in patients with atopic dermatitis. Incidence rate is per 1,000 person-years. Model 1 was adjusted for age and gender. Model 2 was adjusted for age, gender, body mass index, smoking, drinking, regular exercise, hypertension, diabetes mellitus, and dyslipidemia. Model 3 was adjusted for age, gender, body mass index, smoking, drinking, regular exercise, hypertension, diabetes mellitus, dyslipidemia, stroke, and ischaemic heart disease. Abbreviations: AD, atopic dermatitis; CI, confidence interval; HR, hazard ratio; IR, incidence rate