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Table S1. Residence and income of the population

Outcome	Actinic keratosis		Skin cancer	
	Rosacea	Normal control	Rosacea	Normal control
Matched group				
Number	11,315	22,630	11,285	22,570
Residence				
Seoul city (%)	2809 (24.8%)	5618 (24.8%)	2807 (24.9%)	5614 (24.9%)
Busan city (%)	512 (4.5%)	1024 (4.5%)	515 (4.6%)	1030 (4.6%)
Daegu city (%)	476 (4.2%)	952 (4.2%)	476 (4.2%)	952 (4.2%)
Incheon city (%)	601 (5.3%)	1202 (5.3%)	596 (5.3%)	1192 (5.3%)
Gwangju city (%)	378 (3.3%)	756 (3.3%)	378 (3.3%)	756 (3.3%)
Daejeon city (%)	439 (3.9%)	878 (3.9%)	438 (3.9%)	876 (3.9%)
Ulsan city (%)	190 (1.7%)	380 (1.7%)	192 (1.7%)	384 (1.7%)
Gyeonggi-do (%)	3135 (27.7%)	6270 (27.7%)	3099 (27.5%)	6198 (27.5%)
Gwangwon-do (%)	391 (3.5%)	782 (3.5%)	390 (3.5%)	780 (3.5%)
Chungcheongbuk-do (%)	291 (2.6%)	582 (2.6%)	288 (2.6%)	576 (2.6%)
Chungcheongnam-do (%)	518 (4.6%)	1036 (4.6%)	513 (4.5%)	1026 (4.5%)
Jeollabuk-do (%)	351 (3.1%)	702 (3.1%)	357 (3.2%)	714 (3.2%)
Jeollanam-do (%)	294 (2.6%)	588 (2.6%)	300 (2.7%)	600 (2.7%)
Gyeongsangbuk-do (%)	501 (4.4%)	1002 (4.4%)	505 (4.5%)	1010 (4.5%)
Gyeongsangnam-do (%)	387 (3.4%)	774 (3.4%)	388 (3.4%)	776 (3.4%)
Jeju-do (%)	42 (0.4%)	84 (0.4%)	43 (0.4%)	86 (0.4%)
Income				
Highest (%)	4145 (36.6%)	8290 (36.6%)	4161 (36.9%)	8322 (36.9%)
Middle high (%)	2562 (22.6%)	5124 (22.6%)	2555 (22.7%)	5110 (22.7%)
Middle low (%)	1920 (17.0%)	3840 (17.0%)	1894 (16.8%)	3788 (16.8%)
Lowest (%)	2688 (23.8%)	5376 (23.8%)	2675 (23.7%)	5350 (23.7%)