Supplementary Online Content

Lukowiak TM, Aizman L, Perz A, et al. Association of age, sex, race, and geographic region with variation of the ratio of basal cell to cutaneous squamous cell carcinomas in the United States. *JAMA Dermatol*. Published online August 26, 2020. doi:10.1001/jamadermatol.2020.2571

eTable 1. Aggregate Optum CDM Demographic Data in Comparison With 2010 US Census Benchmarks

eTable 2. Odds Ratio for a KC to Be a BCC When Comparing Females With Males Within a Given Age Grouping

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This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Aggregate Optum CDM Demographic Data in Comparison With 2010 US Census Benchmarks[1,2]*

	Optum CDM	2010 U.S. Census Data
Gender		
Males	49%	49%
Females	51%	50%
US Region		
Northeast	10%	18%
Midwest	23%	22%
South	45%	37%
West	22%	23%
Age Groups		
00-17	22%	24%
18-44	41%	37%
45-64	23%	26%
65+	14%	13%
Ethnicity		
White	51%	63%
Black	8%	13%
Hispanic	10%	16%
Asian	4%	5%
Other/Unknown	8%	3%
Race record does not exist	19%	0%

Note: Optum CDM demographics are estimated based on coverage patterns from 2007 to 2018.

eTable 2. Odds Ratio for a KC to Be a BCC When Comparing Females With Males Within a Given Age Grouping

Odds Ratio (95% CI)	18-39	40-64	≥65
Females: Males	1.67 (1.47-1.88)	1.15 (1.12-1.19)	0.98 (0.97-0.99)
all p-values <0.0001			

Note: The data represented in this table is based off the cases with complete information only and thereby excludes those of unknown race or census division

eTable 3. Mean BCC:cSCC Ratio by US Census Division

Region	Overall	Males	Females
New England			
18-39	10.92	8.75	12.79
40-64	3.68	3.62	3.75
≥65	1.55	1.61	1.47
Total	1.85	1.87	1.82
Middle Atlantic			
18-39	8.17	6.77	9.4
40-64	3.41	3.33	3.52
≥65	1.31	1.28	1.35
Total	1.65	1.59	1.76
South Atlantic			
18-39	8.14	7.15	9.1
40-64	2.27	2.08	2.58
≥65	1.08	1.1	1.04
Total	1.35	1.31	1.42
E.N. Central			
18-39	9.66	4.65	20.19
40-64	3.87	3.54	4.32
≥65	1.59	1.57	1.64
Total	2.04	1.92	2.25
E.S. Central			
18-39	6.7	4.85	9.18
40-64	2.51	2.34	2.78
≥65	1.17	1.15	1.2
Total	1.5	1.42	1.63
W.N. Central			
18-39	13.72	9.38	17.8
40-64	3.75	3.56	3.96
≥65	1.71	1.69	1.77
Total	2.12	2	2.32
W.S. Central			
18-39	10.04	7.6	13.14
40-64	2.91	2.8	3.11
≥65	1.38	1.36	1.43
Total	2.01	1.89	2.28
Mountain			
18-39	10.95	8.26	14.41
40-64	3.21	3.18	3.24
≥65	1.47	1.51	1.41
Total	1.83	1.82	1.85
Pacific			
18-39	10.04	8.35	11.78
40-64	3.26	3.25	3.27
≥65	1.46	1.53	1.36
Total	1.87	1.9	1.82

Note: The data represented in this table are based on all cases, excluding only those of unknown division

eReferences

1. *Cliniformatics Data Mart 7.2* [Power point slide deck]. University of Pennsylvania Optum; 2020.
2. Howden LM, Meyer JA. Age and Sex Composition: 2010. In: Bureau USC, ed2011.