

Supplementary Table: Median and mean untransformed and unadjusted nicotine metabolite values, by race and sex.

	Native Hawaiian <i>n</i> =99	White <i>n</i> =99	Japanese American <i>n</i> =97
<b>Females</b>			
Total nicotine (nmol/mL)			
Median (Inter-quartile range)	9.47 (5.01-15.4)	7.14 (4.10-10.7)	7.46 (4.43-12.1)
Mean (95% confidence limits)	11.7 (9.80-13.5) <sup>‡</sup>	9.71 (7.82-11.6)	10.5 (8.46-12.5)
Total cotinine (nmol/mL)			
Median	13.6 (7.73-20.5) <sup>§</sup>	12.6 (7.62-21.0)	9.35 (6.02-15.3) <sup>‡</sup>
Mean	16.5 (14.1-18.9) <sup>§</sup>	16.8 (13.9-19.7)	11.6 (9.75-13.5) <sup>‡</sup>
Total <i>trans</i> 3'-hydroxycotinine (nmol/mL)			
Median	9.17 (4.19-20.8) <sup>§</sup>	14.1 (6.29-28.3)	5.32 (1.82-12.1) <sup>‡</sup>
Mean	15.4 (12.0-18.9) <sup>‡§</sup>	20.7 (16.4-24.9)	8.55 (6.64-10.5) <sup>‡</sup>
Nicotine equivalents* (nmol/mL)			
Median	34.6 (19.7-57.9) <sup>§</sup>	36.0 (23.6-59.0)	26.7 (15.1-38.2)
Mean	43.6 (37.1-50.1) <sup>§</sup>	47.2 (39.6-54.9)	30.7 (26.5-34.9) <sup>‡</sup>
Nicotine equivalents per CPD <sup>†</sup> (nmol/mL)			
Median	1.79 (0.98-2.88) <sup>§</sup>	1.59 (1.09-2.72)	1.51 (0.89-2.39)
Mean	2.44 (2.01-2.86)	2.16 (1.83-2.49)	1.90 (1.64-2.17)
Total 3-HC : total COT			
Median	0.85 (0.33-1.21) <sup>‡§</sup>	1.14 (0.60-1.79)	0.47 (0.20-1.02) <sup>‡</sup>
Mean	0.97 (0.80-1.13) <sup>‡§</sup>	1.51 (1.13-1.90)	0.94 (0.54-1.33) <sup>‡</sup>
<b>Males</b>			
Total nicotine			
Median	13.0 (5.57-20.2)	8.98 (5.76-19.6)	10.3 (5.21-17.8)
Mean	15.2 (12.7-17.7)	13.8 (11.2-16.3)	14.3 (11.5-17.1)
Total cotinine			
Median	14.6 (10.6-27.7) <sup>§</sup>	15.7 (9.24-28.2)	11.6 (6.36-18.6) <sup>‡</sup>
Mean	20.0 (17.0-23.1) <sup>§</sup>	22.3 (18.6-26.1)	15.2 (12.6-17.8) <sup>‡</sup>
Total <i>trans</i> 3'-hydroxycotinine			
Median	12.9 (5.04-25.0) <sup>§</sup>	13.9 (6.95-32.9)	5.93 (2.37-12.2) <sup>‡</sup>
Mean	21.0 (15.0-26.9) <sup>§</sup>	25.7 (19.7-31.6)	10.8 (7.92-13.7) <sup>‡</sup>
Nicotine equivalents			
Median	45.0 (27.5-70.1) <sup>§</sup>	41.5 (24.3-75.9)	29.1 (18.4-49.5) <sup>‡</sup>
Mean	56.2 (46.4-65.9) <sup>§</sup>	61.8 (50.4-73.1)	40.2 (33.6-46.8) <sup>‡</sup>
Nicotine equivalents per CPD			
Median	2.24 (1.18-3.34) <sup>‡§</sup>	1.62 (0.96-2.96)	1.46 (0.82-2.29)
Mean	2.64 (2.20-3.09) <sup>§</sup>	2.52 (1.96-3.09)	1.88 (1.56-2.19)
Total 3-HC : total COT			
Median	0.64 (0.39-1.46)	0.95 (0.64-1.47)	0.51 (0.28-0.94) <sup>‡</sup>
Mean	1.00 (0.82-1.18) <sup>‡§</sup>	1.19 (0.98-1.39)	0.77 (0.62-0.92) <sup>‡</sup>

\*Nicotine equivalents are sum of total nicotine, total cotinine, and total *trans* 3'-hydroxycotinine (3-HC).

<sup>†</sup>Nicotine equivalents divided by average cigarette intake per day (CPD). CPD is estimated by averaging over the three days preceding the 12-hour urine collection.

<sup>‡</sup>P-value for comparison to whites is <0.05 (except p=0.06 for comparison of nicotine equivalents per CPD between Native Hawaiian and white men). P-values computed by one-way nonparametric analysis.

<sup>§</sup>P-value for comparison to Japanese Americans is <0.05 (except p=0.06 for comparison among females of both median nicotine equivalents and median nicotine equivalents per CPD). P-values computed by one-way nonparametric analysis.