

6.1 Supplemental Tables

Table S1. Demographically stratified adjusted association between urinary VOC metabolite levels and Greenness 100 m peak NDVI. Values represent % change (95% confidence intervals) per 0.1 NDVI.* represents significant interaction.

VOC Metabolite	Male (n=98)	Female (n=111)	White (n=107)	Black (n=90)
CEMA	-8.6 (-19.1, 3.3)	-2.4 (-16.4, 14.0)	-11.8 (-22.9, 0.9)	-8.8 (-22.6, 7.5)
3HPMA	-15.1 (-26.7, -15.1)	-6.3 (-20.0, 9.9)	-14.9 (-26.8, -1.1)	-0.2 (-14.1, 15.9) *
AAMA	-17.5 (-29.7, -17.5)	-11.6 (-24.2, 3.0)	-26.4 (-39.0, -11.3)	4.9 (-9.5, 21.5)
CYMA	-35.1 (-52.4, -35.1)	-5.9 (-29.9, 26.2)	-62.2 (-75.1, -42.7)	-3.5 (-23.6, 21.8) *
HEMA	29.1 (4.7, 59.2)	-27.9 (-42.1, -10.1) *	-6.3 (-22.1, 12.7)	-0.7 (-26.0, 33.3)
MU	-25.9 (-41.5, -6.1)	-23.5 (-45.7, 7.6)	-37.2 (-50.8, -20.0)	-14.5 (-37.5, 16.8)
BPMA	0.8 (-18.9, 25.3)	-26.4 (-41.2, -7.8) *	-29.2 (-43.2, -11.6)	-0.9 (-23.1, 27.7)
DHBMA	-2.5 (-11.2, -2.5)	-7.0 (-15.3, 2.1)	-11.1 (-18.2, -3.2)	-0.0 (-10.9, 12.2)
MHBMA3	-26.8 (-38.8, -12.5)	39.0 (7.4, 79.8) *	-28.0 (-42.7, -9.5)	10.9 (-10.7, 37.9) *
HPMMA	-2.9 (-12.9, 8.1)	0.2 (-16.0, 19.6)	-4.9 (-21.6, 15.3)	0.7 (-12.3, 15.7)
AMCC	-7.8 (-17.8, 3.4)	5.0 (-6.7, 18.1)	-9.3 (-20.0, 2.9)	2.8 (-9.6, 17.0)
PGA	-2.6 (-11.7, 7.5)	-8.9 (-16.5, -0.5)	-7.9 (-15.6, 0.6)	2.2 (-9.9, 15.8)
2HPMA	-4.3 (-20.6, 15.3)	-31.8 (-44.9, -15.6) *	-18.1 (-32.1, -1.3)	-17.5 (-36.5, 7.3)
PHEMA	0.6 (-13.7, 17.3)	-4.1 (-22.7, 19.0)	-20.5 (-30.5, -9.1)	17.2 (-8.0, 49.4) *
MA	-1.9 (-13.8, 11.6)	-2.5 (-10.2, 5.9)	-4.5 (-13.8, 5.8)	2.6 (-10.6, 17.7)
BMA	-21.9 (-38.5, -0.7)	6.3 (-15.8, 34.2)	-24.7 (-39.1, -6.9)	12.1 (-19.5, 56.1) *
2MHA	-3.4 (-22.6, 20.6)	12.7 (-15.7, 50.5)	-15.1 (-38.0, 16.3)	28.4 (1.1, 63.0) *
3MHA+4MHA	-20.5 (-35.4, -2.2)	-13.2 (-28.7, 5.8)	-42.5 (-53.1, -29.6)	9.6 (-7.3, 29.7) *

Table S2. Environmentally stratified adjusted associations between urinary VOC metabolite levels and greenness 100 m NDVI peak. Values represent % change (95% confidence intervals) per 0.1 NDVI. * represents significant interaction.

VOC Metabolite	Low Veh. M (n=105)	High Veh. M (n=106)	Low Pop (n=106)	High Pop. (n=105)
CEMA	4.8 (-10.8, 23.0)	-12.6 (-23.1, -0.7)	-10.7 (-21.7, 1.9)	-4.4 (-18.2, 11.8)
3HPMA	0.0 (-15.2, 17.9)	-14.3 (-24.4, -2.8)	-12.8 (-24.6, 1.0)	-14.5 (-26.9, 0.0)
AAMA	-13.6 (-27.2, 2.5)	-15.9 (-27.5, -2.4)	-16.4 (-29.0, -1.5)	-13.8 (-25.7, 0.1)
CYMA	-16.1 (-42.6, 22.5)	-23.4 (-45.3, 7.3)	-40.0 (-59.3, -11.4)	13.1 (-15.5, 51.3) *
HEMA	-22.4 (-38.5, -2.1)	21.6 (-0.6, 48.7) *	-4.5 (-21.6, 16.3)	7.0 (-15.6, 35.6)
MU	-36.7 (-53.4, -14.1)	-18.8 (-37.1, 4.9)	-40.4 (-53.1, -24.2)	3.6 (-20.4, 34.8) *
BPMA	32.1 (7.6, 62.1)	-35.9 (-48.3, -20.4) *	-23.2 (-38.6, -3.9)	-18.9 (-36.5, 3.5)
DHBMA	-3.2 (-13.1, 7.9)	-7.2 (-14.4, 0.7)	-7.4 (-14.7, 0.4)	-3.2 (-13.0, 7.7)
MHBMA3	11.9 (-12.0, 42.3)	-13.5 (-31.3, 8.9)	-7.7 (-26.8, 16.2)	-2.1 (-23.2, 24.8)
HPMMA	7.6 (-5.4, 22.3)	-9.5 (-22.9, 6.3) *	-6.9 (-22.4, 5.2)	-0.7 (-14.5, 15.3)
AMCC	-2.3 (-13.9, 10.8)	-5.4 (-15.7, 6.1)	-6.6 (-17.1, 5.2)	1.0 (-11.0, 14.6)
PGA	-5.7 (-14.7, 4.2)	-8.3 (-15.8, -0.0)	-4.8 (-13.8, 5.1)	-6.1 (-13.9, 2.3)
2HPMA	7.7 (-14.6, 35.9)	-32.4 (-42.1, -21.0) *	-18.6 (-34.0, 0.5)	-28.3 (-39.9, -14.5) *
PHEMA	-1.0 (-19.8, 22.1)	1.4 (-12.9, 17.9)	-13.8 (-27.6, 2.6)	5.2 (-10.9, 24.3)
MA	-2.7 (-14.0, 10.2)	-4.5 (-13.4, 5.4)	-4.9 (-14.1, 5.3)	-0.7 (-11.7, 11.6)
BMA	-6.6 (-29.3, 23.4)	-19.2 (-33.3, -2.1)	-25.5 (-39.9, -7.5)	0.9 (-22.5, 31.4) *
2MHA	8.7 (-19.3, 46.2)	9.3 (-14.9, 40.2)	2.3 (-20.7, 32.0)	17.3 (-11.5, 55.6)
3MHA+4MHA	6.7 (-12.0, 29.3)	-27.8 (-39.8, -13.5) *	-29.3 (-41.0, -15.4)	3.6 (-16.2, 28.1) *