

Environmental Risk Score as a new tool to examine multi-pollutants in epidemiologic research: an example from the NHANES study using serum lipid levels

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Table S3. Micronutrients selected for each phenotype using Bayesian model averaging (BMA).

Variable in NHANES	Name	Phenotype			
		Total cholesterol	HDL	LDL	Triglyceride
SFOL	Folate, serum (ng/mL)	x	x		x
SB12	Vitamin B12, serum (pg/mL)				x
RBCFOL	Folate, RBC (ng/mL RBC)	x		x	x
LBXMMA	Methylmalonic acid (μmol/L)	x		x	
LBXRPL	Retinyl palmitate (μg/dL)	x			x
LBXRST	Retinyl stearate (μg/dL)		x	x	x
LBXVIA	Retinol (μg/dL)	x	x	x	x
LBXBEC	Trans-β-carotene (μg/dL)	x	x	x	x
LBXCBC	Cis-β-carotene (μg/dL)	x	x		
LBXCRY	β-cryptoxanthin (μg/dL)	x			x
LBXLUZ	Combined lutein/zeaxanthin (μg/dL)	x	x	x	x
LBXLYC	Trans-lycopene (μg/dL)	x	x	x	
LBXATC	α-tocopherol (μg/dL)	x	x	x	x
LBXGTC	γ-tocopherol (μg/dL)	x	x	x	x
Total number included for adjustment		12	9	9	11

Note: A total of 31 micronutrient variables were considered. The variables not selected (n=17) are daidzein (URXDAZ), o-desmethylangolensin (URXDMA), equol (URXEQU), enterodiol (URXETD), enterolactone (URXETL), genistein (URXGNS), δ-tocopherol (LBXDTC), α-cryptoxanthin (LBXACY), α-carotene (LBXALC), total β-carotene (LBXBCC), cis-lycopene (LBXCLC), total lycopene (LBXLCC), cis-lutein/zeaxanthin (LBXCLZ), lutein (LBXLUT), zeaxanthin (LBXZEA), phytofluene (LBXPHF), and phytoene (LBXPHE).