Table S3. Bivariate associations of bichemical, demographic, socioeconomic, and health status variables with anemia (Odds ratios and their 95% confidence intervals)

Variables	OR	95% CI
Biochemical		
25(OH)D (nmol/l), *n* 638	0·98	0·97, 0·99
25(OH)D < 30 nmol/l (Y vs. N)	4·97	1·84, 13·41
25(OH)D < 50 nmol/l (Y vs. N)	2·64	1·43, 4·86
25(OH)D < 75 nmol/l (Y vs. N)	2·15	1·18, 3·92
Log(CRP) (mg/l), *n* 637	3·19	1·62, 6·29
Log(IL-6) (pg/ml), *n* 623	4·91	1·83, 13·15
Log(IL-8) (pg/ml), *n* 624	5·23	1·63, 16·83
Log(TNF-α) (pg/ml), *n* 624	2·54	0·73, 8·82
Log(IFN-γ) (pg/ml), *n* 624	2·37	0·17, 32·75
Demographic		
Age (yrs), *n* 637	0·97	0·95, 0·996
Sex (F vs. M), *n* 638	6·.31	2·24, 17·75
Race (black vs. white), *n* 602	5·76	3·12, 10·65
Supplement use		
Multivitamin (Y vs. N), *n* 638	0·89	0·48, 1·65
Iron (Y vs. N), *n* 517	7·79	2·11, 28·73
Any vitamin D (Y vs. N), *n* 638	0·97	0·54, 1·73
Socioencomic status		
Education, *n* 637		
Completed high school	2·10	0·45, 9·75
Some college	3·74	1·93, 7·23
Completed college	1·00	0·45, 2·22
Any graduate school	Ref	
Annual household income, *n* 602		
≤ $50,000/yr	7·91	1·60, 39·18
>$50,000-$100,000/yr	9·79	2·26, 42·36
>$100,000 - $200,000/year	5·86	1·33, 25·77
>$200,000/yr	Ref	
Health status		
BMI (kg/m^2), *n* 636	1·05	1·01, 1·09
Waist circumference, *n* 626	1·12	0·60, 2·07
Physical activity (meeting CAPS guidelines vs. not), *n* 634	1·29	0·69. 2·43
Hypertension (Y vs. N), *n* 637	1·56	0·82, 2·97
Diabetes (Y vs. N), *n* 637	3·22	1·33, 7·79
Current smoking (Y vs. N), *n* 636	1·06	0·31, 3·57
eGFR ≥ 60 ml/min/1.73 m^2 (N vs. Y), *n* 635	0·86	0·11, 6·71
Season of visit, *n* 637		
Fall	0·71	0·34, 1·49
Winter	0·79	0·35, 1·78
Spring	1·20	0·54, 2·66
Summer	Ref	