

Table S3. OPLS-DA model goodness of fit and predictive ability

Characteristic	OPLS-DA			Permutation (<i>n</i> =200)		CV-ANOVA
	R2X	R2Y	Q2	R2 intercept (x-axis, y-axis)	Q2 intercept (x-axis, y-axis)	P-value
25(OH)D ≥ or < 7.5 ng/ml in women	0.107	1.00	-0.109	0.00, 0.229	0.00, -0.153	0.99
25(OH)D ≥ or < 7.5 ng/ml in men	0.112	1.00	-0.0256	0.00, 0.132	0.00, -0.128	0.99