Table 2 **Correlation coefficients of biochemical variables with age, body mass index and with each other**

Parameter	Correlation coefficient							
	Age	BMI[a]	25-OHD	PTH	Ca	P	ALP	Cl_{cr}
25-OHD (nmol/L)								
Premenopause	0.06	0.01	–					
Postmenopause	0.04	0.14	–					
Total	0.05	0.04	–					
PTH (pg/mL)								
Premenopause	0.13**	0.03	−0.07	–				
Postmenopause	−0.08	−0.13	−0.17*	–				
Total	0.09*	0.01	−0.10**	–				
Ca (mg/dL)								
Premenopause	0.01	0.02	0.01	0.05	–			
Postmenopause	0.07	0.12	0.07	−0.03	–			
Total	0.05	0.04	0.03	0.03	–			
P (mg/dL)								
Premenopause	−0.01	−0.01	0.00	−0.01	0.31**	–		
Postmenopause	0.06	0.02	0.15*	−0.11	0.34**	–		
Total	0.03	−0.01	0.04	−0.04	0.32**	–		
ALP (IU/L)								
Premenopause	0.12**	0.05	−0.01	0.2**	0.15**	0.14**	–	
Postmenopause	0.11	−0.15*	−0.07	0.2**	0.19**	0.19**	–	
Total	0.23**	0.04	−0.03	0.20**	0.16**	0.16**	–	
Cl_{cr} (mL/min)								
Premenopause	−0.07	0.14**	0.01	0.011	−0.01	−0.02	−0.01	–
Postmenopause	−0.02	0.04	0.001	−0.08	0.13	0.09	−0.02	–
Total	−0.13**	0.12**	0.01	−0.02	0.01	0.01	−0.04	–
Alb (g/dL)								
Premenopause	−0.12**	−0.01	−0.02	0.01	0.35**	0.15**	0.09*	–
Postmenopause	−0.17*	−0.02	0.1	−0.14	0.23**	0.05	0.10	–
Total	−0.13**	−0.00	−0.01	−0.02	0.33**	0.13**	0.08*	–

Serum values were determined and creatinine clearance estimated.

Premenopause, n = 493; postmenopause, n = 183.

BMI = body mass index; 25-OHD = 25-hydroxyvitamin D; PTH = parathyroid hormone; Ca = calcium; P = phosphorus; ALP = alkaline phosphatase; Cl_{cr} = creatinine clearance; Alb = albumin.

*Correlation significant (P < 0.05).

**Correlation significant (P < 0.01).

[a]Age-adjusted.