

Table 2. Correlation matrix between MVC, densitometric and ultrasonometric parameters in the whole sample and in the sample subdivided according to gonadal status

Parameters		Whole sample (n=194)	Premenopausal (n=92)	Postmenopausal (n=102)
		MVC ^a (N)	MVC (N)	MVC (N)
R-BMD^b (g/cm ²)	r	0.354	0.111	0.354
	p ^c	0.0001	0.290	0.0001
ADSoS^d (m/s)	r	0.294	-0.187	0.307
	p	0.0001	0.07	0.01
UBPI^e	r	0.311	-0.033	0.319
	p	0.0001	0.753	0.01

^aMaximal voluntary contraction, ^bBone mineral density at one third of the radius, ^cSpearman correlation coefficient, ^dAmplitude-dependent speed of sound, ^eUltrasound bone profile index.