

Supplementary

Table S1 Serum uric acid concentration by age-stratified groups in females

Menopausal	18-29	30-39	40-49	50-59	60-69	≥70	P
Yes	345.00 (1.41)	267.20 (15.14)	258.44 (64.26)	257.75 (56.74)	264.35 (57.36)	266.55 (67.41)	<0.001
No	256.85 (60.35)	239.76 (56.79)	232.07 (55.76)	238.58 (42.21)	--	--	

Some young participants were rendered menopausal due to medicine, surgery or other reasons.

Table S2 Serum uric acid concentrations in uric-acid-stratified groups in females

Menopausal	Q1	Q2	Q3	Q4	P
Yes	35.3% (146)	29.7% (123)	24.9% (103)	10.1% (42)	<0.001
No	47.4% (388)	33.1% (271)	13.3% (109)	6.2% (51)	