

**Supplemental Table 2. Baseline characteristics in early vs. normal age menopause**

	<b>Early menopause (n=3447)</b>	<b>Normal age menopause (n=5920)</b>	<b>P</b>
<b>Age (mean±SD, years)</b>	55.7±8.4	58.9±8.4	<0.0001
<b>Race/ethnicity (n,%)</b>			<0.0001
Non-Hispanic white	1813 (52.6)	3578 (60.4)	
Non-Hispanic black	1419 (41.2)	1590 (26.9)	
Others	215 (6.2)	752 (12.7)	
<b>Education (n,%)</b>			<0.0001
≤high school	1950 (56.6)	3075 (52.0)	
>high school	1493 (43.36)	2834 (48.0)	
<b>Current smoking (n,%)</b>	797 (23.1)	912 (15.4)	<0.0001
<b>Current alcohol drinking (n,%)</b>	1657 (48.1)	3402 (57.5)	<0.0001
<b>T2DM (n, %)</b>	511 (14.8)	724 (12.2)	0.0003
<b>BMI</b>			
BMI (mean±SD, kg/m <sup>2</sup> )	28.8±6.5	28.3±6.1	0.0001
BMI≥30 (n,%, kg/m <sup>2</sup> )	1260 (36.6)	1999 (33.8)	0.006
<b>Blood pressure</b>			
SBP (mean±SD, mmHg)	123.8±20.9	125.9±21.3	<0.0001
DBP (mean±SD, mmHg)	71.7±10.8	70.7±10.4	<0.0001
SBP≥140 or DBP≥90 mmHg (n,%)	1227 (35.6)	2304 (39.0)	0.0014
<b>Cholesterol</b>			
Total cholesterol (mean±SD, mg/dL)	212.8±42.6	211.9±39.9	0.2822
Total cholesterol≥200 mg/dL (n,%)	2023 (59.3)	3516 (59.7)	0.7125
<b>Antihypertensive medication (n,%)</b>	1156 (33.6)	2008 (34.0)	0.7052
<b>Lipids-lowering medication (n,%)</b>	858 (25.02)	1436 (24.6)	0.4657
<b>Menopausal age (mean± SD, years)</b>	38.0±4.9	49.8±3.4	<0.0001
<b>Menopausal type (n,%)</b>			<0.0001
Natural	1161 (33.7)	4589 (77.5)	
Surgical	2244 (65.10)	1275 (21.5)	
Not specified	42 (1.2)	56 (1.0)	
<b>Ever used hormone therapy (n,%)</b>	1890 (55.0)	3158 (53.6)	0.1054
<b>Ever pregnant (n,%)</b>	3174 (92.1)	5429 (91.8)	0.5149

T2DM: type 2 diabetes. Missing n for covariates: education 15, smoking 4, BMI 5, Blood pressure 10, cholesterol 69, antihypertensive medication 11, lipids-lowering medication 40, Ever used hormone therapy 43 and ever pregnant 5.