

SNP	Variable	Stratum	N (cases/ controls)	OR (95% CI) ¹	OR int ²	P int ³
rs999737	Duration of estrogen only MHT among current users (years)	5-<10	181/ 173	0.95 (0.66-1.37)		
rs999737	Duration of estrogen only MHT among current users (years)	>=10	300/ 258	1.39 (1.06-1.83)		
rs999737	Duration of estrogen only MHT among current users (years/5)	combined	5271/ 5667		1.13	4.0E-03
rs999737	Mean lifetime intake of alcohol (g/day)	0	2133/ 2533	0.96 (0.87-1.06)		
rs999737	Mean lifetime intake of alcohol (g/day)	>0-<10	2553/ 2864	0.93 (0.85-1.02)		
rs999737	Mean lifetime intake of alcohol (g/day)	>=10-<20	537/ 590	0.73 (0.60-0.89)		
rs999737	Mean lifetime intake of alcohol (g/day)	>=20	421/ 394	1.21 (0.96-1.53)		
rs999737	Mean lifetime intake of alcohol (10g/day)	combined	5644/ 6381		1.02	5.3E-01
rs999737	Smoking (ever)	no	8494/ 8263	0.93 (0.88-0.98)		
rs999737	Smoking (ever)	yes	7183/ 6774	0.95 (0.90-1.01)		
rs999737	Smoking (ever/never)	combined	15677/ 15037		1.02	5.7E-01
rs999737	Smoking (pack-years)	0	7724/ 7263	0.94 (0.89-1.00)		
rs999737	Smoking (pack-years)	0-<10	2769/ 2881	0.94 (0.86-1.03)		
rs999737	Smoking (pack-years)	10-<20	1339/ 1292	0.97 (0.85-1.11)		
rs999737	Smoking (pack-years)	>=20	1918/ 1629	0.91 (0.82-1.02)		
rs999737	Smoking (pack-years/10)	combined	13750/ 13065		1.01	6.8E-01
rs999737	Physical activity during year before reference date (h/week)	0	1080/ 1004	1.00 (0.87-1.16)		
rs999737	Physical activity during year before reference date (h/week)	0-<3.5	2061/ 2238	0.99 (0.90-1.09)		
rs999737	Physical activity during year before reference date (h/week)	3.5-<7	1308/ 1392	0.89 (0.78-1.01)		
rs999737	Physical activity during year before reference date (h/week)	>=7	1298/ 1342	0.99 (0.87-1.13)		
rs999737	Physical activity during year before reference date (square root of h/week)	combined	5747/ 5976		0.98	3.2E-01

¹ Per-allele SNP effect in each stratum of environmental risk factors using case-control analysis adjusted for study and reference age

² OR for GxE interaction from case-control analysis stratified by study and adjusted for reference age

³ p value for case-control analysis stratified by study and adjusted for reference age

⁴ model used never use of MHT (menopausal hormone therapy) as the reference category and adjusted for former use of MHT and current use of other MHT type, as appropriate

⁵ mean lifetime alcohol intake derived from duration and amount of alcohol intake in g/day at different age periods

⁶ or the highly correlated SNP rs1975930 ($r^2=1$ in HapMap CEU)

⁷ or the highly correlated SNP rs1045485 ($r^2=1$ in HapMap CEU)

⁸ or the highly correlated SNP rs10483813 ($r^2=1$ in HapMap CEU)