

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	112/ 173	0.72 (0.46-1.13)		
rs999737	Duration of estrogen only MHT among current users (years)	>=10	156/ 258	1.23 (0.87-1.74)		
rs999737	Duration of estrogen only MHT among current users (years/5)	combined	3310/ 5667		1.07	1.8E-01
rs999737	Mean lifetime intake of alcohol (g/day)	0	1358/ 2533	0.92 (0.82-1.03)		
rs999737	Mean lifetime intake of alcohol (g/day)	>0-<10	1781/ 2864	0.91 (0.82-1.00)		
rs999737	Mean lifetime intake of alcohol (g/day)	>=10-<20	375/ 590	0.73 (0.59-0.92)		
rs999737	Mean lifetime intake of alcohol (g/day)	>=20	288/ 394	1.20 (0.93-1.55)		
rs999737	Mean lifetime intake of alcohol (10g/day)	combined	3802/ 6381		1.03	2.9E-01
rs999737	Smoking (ever)	no	5007/ 8263	0.92 (0.86-0.98)		
rs999737	Smoking (ever)	yes	3838/ 6774	0.92 (0.85-0.99)		
rs999737	Smoking (ever/never)	combined	8845/ 15037		1.00	1.0E+00
rs999737	Smoking (pack-years)	0	4522/ 7263	0.93 (0.87-1.00)		
rs999737	Smoking (pack-years)	0-<10	1466/ 2881	0.91 (0.82-1.02)		
rs999737	Smoking (pack-years)	10-<20	691/ 1292	0.96 (0.82-1.13)		
rs999737	Smoking (pack-years)	>=20	951/ 1629	0.85 (0.73-0.98)		
rs999737	Smoking (pack-years/10)	combined	7630/ 13065		1.00	8.7E-01
rs999737	Physical activity during year before reference date (h/week)	0	502/ 1004	0.99 (0.81-1.19)		
rs999737	Physical activity during year before reference date (h/week)	0-<3.5	1142/ 2238	0.95 (0.84-1.08)		
rs999737	Physical activity during year before reference date (h/week)	3.5-<7	759/ 1392	0.86 (0.74-1.01)		
rs999737	Physical activity during year before reference date (h/week)	>=7	890/ 1342	0.95 (0.83-1.10)		
rs999737	Physical activity during year before reference date (square root of h/week)	combined	3293/ 5976		0.98	4.9E-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)