

Temporal Shifts in Cardiovascular Risk Factor Distribution

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Appendix A

Age-adjusted differences in continuous cardiovascular risk factors between 1991–1995 and (A) 1996–2000; (B) 2001–2005; and (C) 2006–2010, stratified by SES

| Variable (units) | SES | Risk factor β -coefficients (95% CI) ^a | | |
|--------------------------|--------|---|----------------------|----------------------|
| | | (A) | (B) | (C) |
| Men | | | | |
| 2-hour PG (mmol/l) | Basic | 0.04 (-0.05, 0.12) | 0.26 (0.18, 0.35) | 0.11 (0.01, 0.21) |
| | Middle | 0.08 (0.02, 0.14) | 0.28 (0.23, 0.34) | 0.21 (0.15, 0.27) |
| | High | 0.08 (-0.01, 0.18) | 0.25 (0.16, 0.33) | 0.21 (0.12, 0.29) |
| BMI (kg/m ²) | Basic | 0.29 (0.13, 0.45) | 0.85 (0.70, 1.01) | 1.19 (0.99, 1.40) |
| | Middle | 0.48 (0.36, 0.61) | 0.93 (0.83, 1.04) | 1.37 (1.24, 1.49) |
| | High | 0.48 (0.30, 0.66) | 0.78 (0.63, 0.93) | 1.12 (0.94, 1.29) |
| Cholesterol (mmol/l) | Basic | -0.22 (-0.27, -0.17) | -0.70 (-0.75, -0.65) | -0.62 (-0.68, -0.57) |
| | Middle | -0.17 (-0.21, -0.13) | -0.58 (-0.62, -0.55) | -0.48 (-0.52, -0.44) |
| | High | -0.05 (-0.11, 0.01) | -0.44 (-0.50, -0.39) | -0.41 (-0.46, -0.35) |
| Systolic BP (mm Hg) | Basic | -0.60 (-1.32, 0.13) | -2.01 (-2.74, -1.27) | -3.54 (-4.38, -2.70) |
| | Middle | -0.77 (-1.31, -0.22) | -2.24 (-2.72, -1.77) | -2.54 (-3.05, -2.02) |
| | High | 0.71 (-0.12, 1.55) | -2.00 (-2.71, -1.30) | -1.52 (-2.28, -0.77) |
| Women | | | | |
| 2-hour PG (mmol/l) | Basic | 0.15 (0.07, 0.23) | 0.25 (0.17, 0.33) | 0.19 (0.09, 0.29) |
| | Middle | 0.02 (-0.03, 0.07) | 0.18 (0.13, 0.23) | 0.12 (0.07, 0.18) |
| | High | 0.09 (0.03, 0.16) | 0.20 (0.15, 0.26) | 0.12 (0.06, 0.18) |
| BMI (kg/m ²) | Basic | 0.34 (0.15, 0.52) | 0.49 (0.31, 0.68) | 0.88 (0.62, 1.13) |
| | Middle | 0.49 (0.34, 0.64) | 0.89 (0.77, 1.02) | 1.19 (1.03, 1.34) |
| | High | 0.35 (0.17, 0.53) | 0.64 (0.50, 0.78) | 0.74 (0.57, 0.91) |
| Cholesterol (mmol/l) | Basic | -0.23 (-0.28, -0.18) | -0.67 (-0.73, -0.63) | -0.68 (-0.73, -0.62) |
| | Middle | -0.13 (-0.17, -0.09) | -0.49 (-0.53, -0.46) | -0.41 (-0.44, -0.37) |
| | High | -0.03 (-0.08, 0.01) | -0.40 (-0.44, -0.36) | -0.30 (-0.34, -0.25) |
| Systolic BP (mm Hg) | Basic | -0.23 (-0.99, 0.52) | -3.44 (-4.19, -2.69) | -6.78 (-7.64, -5.90) |
| | Middle | 0.35 (-0.23, 0.93) | -2.07 (-2.58, -1.56) | -3.85 (-4.41, -3.29) |
| | High | 0.80 (0.10, 1.50) | -2.02 (-2.61, -1.43) | -2.95 (-3.60, -2.31) |

β -coefficients (95% CI) are presented separately by gender. ^aAll regression models adjusted for age and clustering by VIP participant.

VIP, Västerbotten Intervention Programme