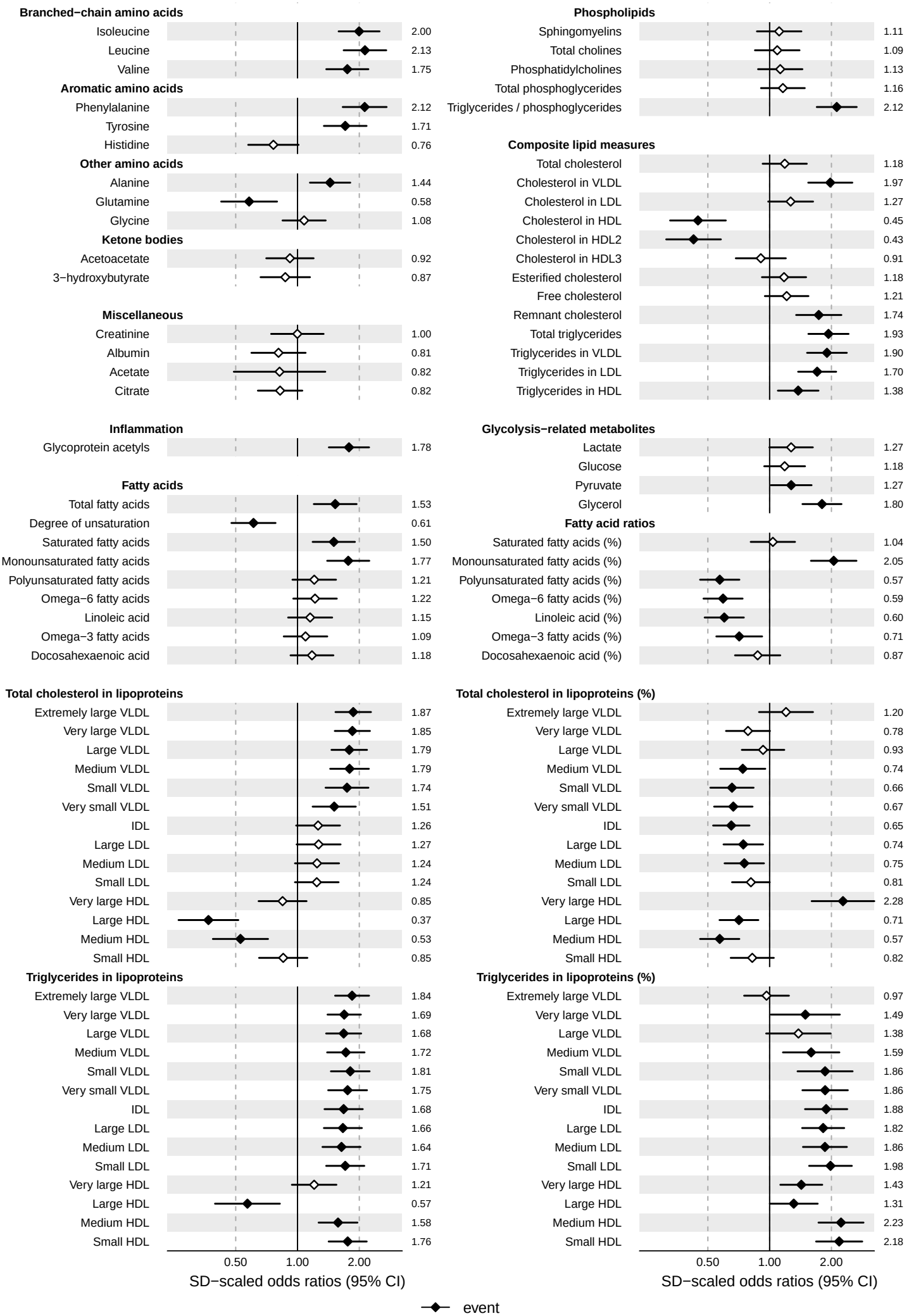
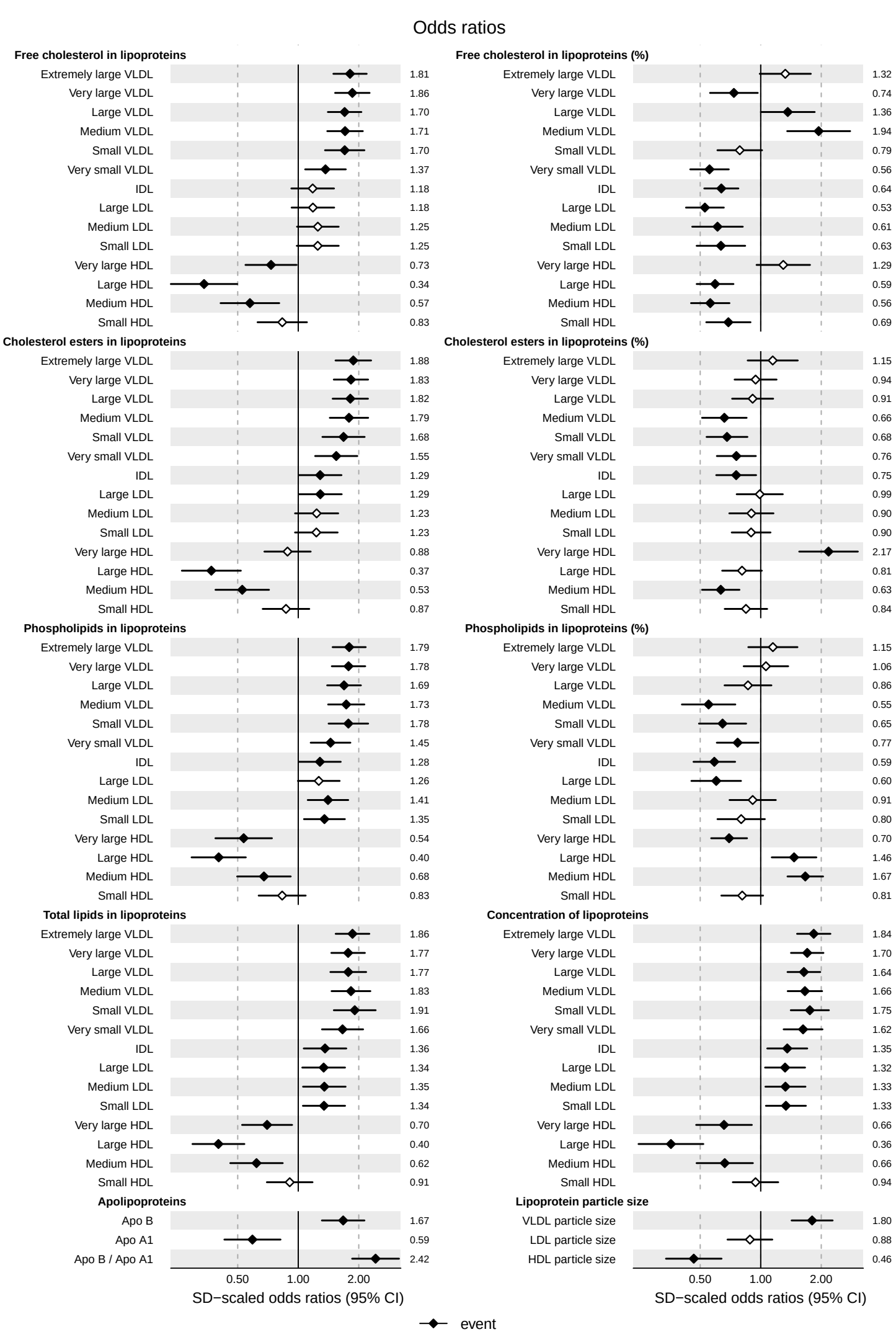

Odds ratios
Branched−chain amino acids
Isoleucine 2.00
Leucine 2.13
Valine 1.75
Aromatic amino acids
Phenylalanine 2.12
Tyrosine 1.71
Histidine 0.76
Other amino acids
Alanine 1.44
Glutamine 0.58
Glycine 1.08
Ketone bodies
Acetoacetate 0.92
3−hydroxybutyrate 0.87
Miscellaneous
Creatinine 1.00
Albumin 0.81
Acetate 0.82
Citrate 0.82
Inflammation
Glycoprotein acetyls 1.78
Fatty acids
Total fatty acids 1.53
Degree of unsaturation 0.61
Saturated fatty acids 1.50
Monounsaturated fatty acids 1.77
Polyunsaturated fatty acids 1.21
Omega−6 fatty acids 1.22
Linoleic acid 1.15
Omega−3 fatty acids 1.09
Docosahexaenoic acid 1.18
Total cholesterol in lipoproteins
Extremely large VLDL 1.87
Very large VLDL 1.85
Large VLDL 1.79
Medium VLDL 1.79
Small VLDL 1.74
Very small VLDL 1.51
IDL 1.26
Large LDL 1.27
Medium LDL 1.24
Small LDL 1.24
Very large HDL 0.85
Large HDL 0.37
Medium HDL 0.53
Small HDL 0.85
Triglycerides in lipoproteins
Extremely large VLDL 1.84
Very large VLDL 1.69
Large VLDL 1.68
Medium VLDL 1.72
Small VLDL 1.81
Very small VLDL 1.75
IDL 1.68
Large LDL 1.66
Medium LDL 1.64
Small LDL 1.71
Very large HDL 1.21
Large HDL 0.57
Medium HDL 1.58
Small HDL 1.76
0.50
1.00
2.00
SD−scaled odds ratios (95% CI)
Phospholipids
Sphingomyelins 1.11
Total cholines 1.09
Phosphatidylcholines 1.13
Total phosphoglycerides 1.16
Triglycerides / phosphoglycerides 2.12
Composite lipid measures
Total cholesterol 1.18
Cholesterol in VLDL 1.97
Cholesterol in LDL 1.27
Cholesterol in HDL 0.45
Cholesterol in HDL2 0.43
Cholesterol in HDL3 0.91
Esterified cholesterol 1.18
Free cholesterol 1.21
Remnant cholesterol 1.74
Total triglycerides 1.93
Triglycerides in VLDL 1.90
Triglycerides in LDL 1.70
Triglycerides in HDL 1.38
Glycolysis−related metabolites
Lactate 1.27
Glucose 1.18
Pyruvate 1.27
Glycerol 1.80
Fatty acid ratios
Saturated fatty acids (%) 1.04
Monounsaturated fatty acids (%) 2.05
Polyunsaturated fatty acids (%) 0.57
Omega−6 fatty acids (%) 0.59
Linoleic acid (%) 0.60
Omega−3 fatty acids (%) 0.71
Docosahexaenoic acid (%) 0.87
Total cholesterol in lipoproteins (%)
Extremely large VLDL 1.20
Very large VLDL 0.78
Large VLDL 0.93
Medium VLDL 0.74
Small VLDL 0.66
Very small VLDL 0.67
IDL 0.65
Large LDL 0.74
Medium LDL 0.75
Small LDL 0.81
Very large HDL 2.28
Large HDL 0.71
Medium HDL 0.57
Small HDL 0.82
Triglycerides in lipoproteins (%)
Extremely large VLDL 0.97
Very large VLDL 1.49
Large VLDL 1.38
Medium VLDL 1.59
Small VLDL 1.86
Very small VLDL 1.86
IDL 1.88
Large LDL 1.82
Medium LDL 1.86
Small LDL 1.98
Very large HDL 1.43
Large HDL 1.31
Medium HDL 2.23
Small HDL 2.18
0.50
1.00
2.00
SD−scaled odds ratios (95% CI)
event


Odds ratios
Free cholesterol in lipoproteins
Extremely large VLDL 1.81
Very large VLDL 1.86
Large VLDL 1.70
Medium VLDL 1.71
Small VLDL 1.70
Very small VLDL 1.37
IDL 1.18
Large LDL 1.18
Medium LDL 1.25
Small LDL 1.25
Very large HDL 0.73
Large HDL 0.34
Medium HDL 0.57
Small HDL 0.83
Free cholesterol in lipoproteins (%)
Extremely large VLDL 1.32
Very large VLDL 0.74
Large VLDL 1.36
Medium VLDL 1.94
Small VLDL 0.79
Very small VLDL 0.56
IDL 0.64
Large LDL 0.53
Medium LDL 0.61
Small LDL 0.63
Very large HDL 1.29
Large HDL 0.59
Medium HDL 0.56
Small HDL 0.69
Cholesterol esters in lipoproteins
Extremely large VLDL 1.88
Very large VLDL 1.83
Large VLDL 1.82
Medium VLDL 1.79
Small VLDL 1.68
Very small VLDL 1.55
IDL 1.29
Large LDL 1.29
Medium LDL 1.23
Small LDL 1.23
Very large HDL 0.88
Large HDL 0.37
Medium HDL 0.53
Small HDL 0.87
Cholesterol esters in lipoproteins (%)
Extremely large VLDL 1.15
Very large VLDL 0.94
Large VLDL 0.91
Medium VLDL 0.66
Small VLDL 0.68
Very small VLDL 0.76
IDL 0.75
Large LDL 0.99
Medium LDL 0.90
Small LDL 0.90
Very large HDL 2.17
Large HDL 0.81
Medium HDL 0.63
Small HDL 0.84
Phospholipids in lipoproteins
Extremely large VLDL 1.79
Very large VLDL 1.78
Large VLDL 1.69
Medium VLDL 1.73
Small VLDL 1.78
Very small VLDL 1.45
IDL 1.28
Large LDL 1.26
Medium LDL 1.41
Small LDL 1.35
Very large HDL 0.54
Large HDL 0.40
Medium HDL 0.68
Small HDL 0.83
Phospholipids in lipoproteins (%)
Extremely large VLDL 1.15
Very large VLDL 1.06
Large VLDL 0.86
Medium VLDL 0.55
Small VLDL 0.65
Very small VLDL 0.77
IDL 0.59
Large LDL 0.60
Medium LDL 0.91
Small LDL 0.80
Very large HDL 0.70
Large HDL 1.46
Medium HDL 1.67
Small HDL 0.81
Total lipids in lipoproteins
Extremely large VLDL 1.86
Very large VLDL 1.77
Large VLDL 1.77
Medium VLDL 1.83
Small VLDL 1.91
Very small VLDL 1.66
IDL 1.36
Large LDL 1.34
Medium LDL 1.35
Small LDL 1.34
Very large HDL 0.70
Large HDL 0.40
Medium HDL 0.62
Small HDL 0.91
Concentration of lipoproteins
Extremely large VLDL 1.84
Very large VLDL 1.70
Large VLDL 1.64
Medium VLDL 1.66
Small VLDL 1.75
Very small VLDL 1.62
IDL 1.35
Large LDL 1.32
Medium LDL 1.33
Small LDL 1.33
Very large HDL 0.66
Large HDL 0.36
Medium HDL 0.66
Small HDL 0.94
Apolipoproteins
Apo B 1.67
Apo A1 0.59
Apo B / Apo A1 2.42
Lipoprotein particle size
VLDL particle size 1.80
LDL particle size 0.88
HDL particle size 0.46
0.50
1.00
2.00
SD−scaled odds ratios (95% CI)
0.50
1.00
2.00
SD−scaled odds ratios (95% CI)
event