

Supplementary Table 3. AUC of ROC curves for evaluation of diagnostic value of lipid metabolites in females

Metabolic indices	AUC (95% CI)	p
LDCH	0.66 (0.51–0.82)	0.052
LDPN	0.69 (0.54–0.84)	0.022
L1PN	0.68 (0.52–0.84)	0.030
L2PN	0.70 (0.56–0.85)	0.015
L3PN	0.70 (0.55–0.85)	0.016
LDFC	0.69 (0.54–0.84)	0.022
LDPL	0.68 (0.53–0.83)	0.030
LDAB	0.69 (0.54–0.84)	0.022
L2TG	0.70 (0.55–0.85)	0.019
L3TG	0.79 (0.65–0.92)	0.001
L1CH	0.67 (0.51–0.82)	0.048
L2CH	0.71 (0.56–0.85)	0.013
L3CH	0.69 (0.54–0.84)	0.024
L1FC	0.66 (0.49–0.82)	0.064
L2FC	0.64 (0.48–0.80)	0.096
L3FC	0.65 (0.50–0.81)	0.065
L1PL	0.67 (0.52–0.83)	0.041
L2PL	0.71 (0.57–0.86)	0.011
L3PL	0.69 (0.54–0.84)	0.026
L1AB	0.68 (0.52–0.84)	0.030
L2AB	0.70 (0.56–0.85)	0.015
L3AB	0.70 (0.55–0.85)	0.016
LDAB+L1AB+L2AB+L3AB	0.74 (0.60–0.88)	0.004
LDCH+L1CH+L2CH+L3CH	0.74 (0.60–0.88)	0.004
LDFC+L1FC+L2FC+L3FC	0.70 (0.56–0.85)	0.016
LDCH+L1CH+L2CH+L3CH+LDFC+L1FC+L2FC+L3FC	0.82 (0.71–0.94)	<0.001
L2TG+L3TG	0.79 (0.66–0.92)	<0.001
LDPN+L1PN+L2PN+L3PN	0.73 (0.59–0.87)	0.005
LDPL+L1PL+L2PL+L3PL	0.73 (0.56–0.87)	0.006

AUC, area under the curve; ROC, receiver operating characteristic; CI, confidence interval; LDCH, LDL-cholesterol; LDPN, LDL particle number; L1PN, LDL-1 particle number; L2PN, LDL-2 particle number; L3PN, LDL-3 particle number; LDFC, LDL free cholesterol; LDPL, LDL phospholipids; LDAB, LDL apolipoprotein-B; L2TG, LDL-2 triglycerides; L3TG, LDL-3 triglycerides; L1CH, LDL-1 cholesterol; L2CH, LDL-2 cholesterol; L3CH, LDL-3 cholesterol; L1FC, LDL-1 free cholesterol; L2FC, LDL-2 free cholesterol; L3FC, LDL-3 free cholesterol; L1PL, LDL-1 phospholipids; L2PL, LDL-2 phospholipids; L3PL, LDL-3 phospholipids; L1AB, LDL-1 apolipoprotein-B; L2AB, LDL-2 apolipoprotein-B; L3AB, LDL-3 apolipoprotein-B; LDL, low-density lipoprotein