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|  Sex-combined | 1. Amino acids | 5. Cholesterol | 9. Glycolysis related metabolites | 13. Large HDL | 17. Medium HDL | 21. Protein | 25. Very large HDL |
|  Male | 2. Apolipoproteins | 6. Fatty acids | 10. IDL | 14. Large LDL | 18. Medium LDL | 22. Small HDL | 26. Very large VLDL |
|  Female | 3. Aromatic amino acids | 7. Fluid balance | 11. Inflammation | 15. Large VLDL | 19. Medium VLDL | 23. Small LDL | 27. Very Small VLDL |
| | 4. Branched-chain amino acids | 8. Glycerides and phospholipids | 12. Ketone bodies | 16. Lipoprotein particle size | 20. Metabolites ratio | 24. Small VLDL | |