**Table e-3: Results from logistic regressions with metabolite concentrations, sex, and age as independent variables and migraine status as dependent variable.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | LUMINA | | NESDA-1 | | NTR | | ERF | | RS | | TMS | | LifeLines | | NESDA-2 | |
|  | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI |
| XXL-VLDL-P | 0.18 | -0.10:0.46 | 0.11 | -0.05:0.26 | 0.00 | -0.08:0.08 | -0,14 | -0,31:0,04 | 0.07 | -0.08:0.23 | 0.11 | -0.13:0.36 | 0.24 | 0.09:0.39 | -0.09 | -0.30:0.11 |
| XXL-VLDL-L | 0.19 | -0.09:0.47 | 0.11 | -0.05:0.26 | 0.00 | -0.08:0.09 | -0,14 | -0,31:0,03 | 0.07 | -0.08:0.23 | 0.11 | -0.13:0.36 | 0.24 | 0.09:0.39 | -0.09 | -0.29:0.11 |
| XXL-VLDL-PL | 0.18 | -0.10:0.46 | 0.06 | -0.09:0.22 | -0.01 | -0.09:0.07 | -0,16 | -0,33:0,02 | 0.07 | -0.09:0.23 | 0.10 | -0.14:0.35 | 0.23 | 0.08:0.38 | -0.10 | -0.31:0.11 |
| XXL-VLDL-C | 0.20 | -0.09:0.48 | 0.11 | -0.05:0.26 | 0.00 | -0.08:0.08 | -0,11 | -0,28:0,06 | 0.07 | -0.08:0.23 | 0.11 | -0.13:0.36 | 0.25 | 0.10:0.40 | -0.09 | -0.29:0.12 |
| XXL-VLDL-CE | 0.22 | -0.07:0.50 | 0.12 | -0.03:0.27 | 0.00 | -0.08:0.09 | -0,1 | -0,26:0,07 | 0.09 | -0.07:0.24 | 0.13 | -0.11:0.37 | 0.25 | 0.10:0.40 | -0.06 | -0.26:0.13 |
| XXL-VLDL-FC | 0.16 | -0.11:0.44 | 0.09 | -0.07:0.24 | 0.00 | -0.08:0.09 | -0,17 | -0,34:0,01 | 0.06 | -0.10:0.21 | 0.10 | -0.14:0.35 | 0.26 | 0.11:0.41 | -0.11 | -0.32:0.09 |
| XXL-VLDL-TG | 0.18 | -0.09:0.46 | 0.11 | -0.05:0.27 | 0.00 | -0.09:0.08 | -0,14 | -0,31:0,04 | 0.07 | -0.08:0.23 | 0.11 | -0.13:0.36 | 0.24 | 0.09:0.39 | -0.10 | -0.31:0.11 |
| XL-VLDL-P | 0.19 | -0.09:0.48 | 0.06 | -0.09:0.22 | -0.01 | -0.09:0.07 | -0,15 | -0,32:0,03 | 0.08 | -0.08:0.23 | 0.08 | -0.17:0.33 | 0.24 | 0.09:0.39 | -0.11 | -0.32:0.10 |
| XL-VLDL-L | 0.21 | -0.07:0.49 | 0.07 | -0.09:0.23 | 0.00 | -0.09:0.08 | -0,15 | -0,32:0,03 | 0.08 | -0.07:0.24 | 0.07 | -0.18:0.32 | 0.25 | 0.10:0.40 | -0.11 | -0.31:0.10 |
| XL-VLDL-PL | 0.21 | -0.08:0.49 | 0.05 | -0.10:0.21 | 0.00 | -0.08:0.08 | -0,16 | -0,34:0,01 | 0.08 | -0.08:0.23 | 0.08 | -0.16:0.33 | 0.23 | 0.08:0.38 | -0.11 | -0.31:0.10 |
| XL-VLDL-C | 0.22 | -0.07:0.50 | 0.11 | -0.04:0.27 | 0.00 | -0.08:0.09 | -0,15 | -0,32:0,03 | 0.07 | -0.08:0.23 | 0.09 | -0.15:0.33 | 0.24 | 0.09:0.39 | -0.10 | -0.30:0.10 |
| XL-VLDL-CE | 0.20 | -0.08:0.48 | 0.13 | -0.03:0.28 | 0.01 | -0.07:0.10 | -0,11 | -0,28:0,06 | 0.06 | -0.09:0.22 | 0.09 | -0.15:0.33 | 0.24 | 0.09:0.40 | -0.10 | -0.30:0.10 |
| XL-VLDL-FC | 0.23 | -0.06:0.52 | 0.10 | -0.06:0.25 | 0.00 | -0.08:0.09 | -0,14 | -0,32:0,03 | 0.09 | -0.07:0.24 | 0.09 | -0.15:0.34 | 0.23 | 0.08:0.38 | -0.10 | -0.31:0.10 |
| XL-VLDL-TG | 0.20 | -0.08:0.47 | 0.07 | -0.09:0.22 | -0.01 | -0.09:0.07 | -0,14 | -0,32:0,03 | 0.08 | -0.07:0.23 | 0.07 | -0.18:0.32 | 0.25 | 0.10:0.40 | -0.11 | -0.32:0.10 |
| L-VLDL-P | 0.23 | -0.06:0.51 | 0.06 | -0.10:0.22 | -0.01 | -0.09:0.07 | -0,17 | -0,34:0,01 | 0.08 | -0.07:0.24 | 0.08 | -0.17:0.33 | 0.25 | 0.10:0.40 | -0.09 | -0.29:0.12 |
| L-VLDL-L | 0.25 | -0.03:0.53 | 0.09 | -0.06:0.25 | -0.01 | -0.09:0.08 | -0,17 | -0,34:0,00 | 0.09 | -0.06:0.25 | 0.07 | -0.18:0.32 | 0.27 | 0.12:0.42 | -0.07 | -0.27:0.12 |
| L-VLDL-PL | 0.24 | -0.05:0.53 | 0.06 | -0.10:0.22 | -0.01 | -0.09:0.07 | -0,16 | -0,33:0,01 | 0.06 | -0.10:0.21 | 0.08 | -0.17:0.32 | 0.25 | 0.10:0.40 | -0.08 | -0.28:0.12 |
| L-VLDL-C | 0.27 | -0.02:0.56 | 0.10 | -0.06:0.25 | -0.01 | -0.09:0.07 | -0,17 | -0,34:0,00 | 0.08 | -0.07:0.24 | 0.08 | -0.16:0.33 | 0.26 | 0.11:0.41 | -0.08 | -0.28:0.12 |
| L-VLDL-CE | 0.30 | 0.00:0.59 | 0.13 | -0.02:0.28 | 0.00 | -0.08:0.08 | -0,14 | -0,31:0,03 | 0.08 | -0.07:0.24 | 0.09 | -0.16:0.33 | 0.29 | 0.14:0.44 | -0.08 | -0.27:0.12 |
| L-VLDL-FC | 0.24 | -0.05:0.53 | 0.06 | -0.10:0.21 | -0.01 | -0.10:0.07 | -0,17 | -0,34:0,01 | 0.08 | -0.08:0.23 | 0.08 | -0.17:0.33 | 0.25 | 0.10:0.40 | -0.09 | -0.29:0.11 |
| L-VLDL-TG | 0.22 | -0.06:0.51 | 0.06 | -0.09:0.22 | -0.01 | -0.09:0.08 | -0,17 | -0,34:0,01 | 0.10 | -0.06:0.26 | 0.07 | -0.18:0.32 | 0.26 | 0.11:0.41 | -0.08 | -0.28:0.12 |
| M-VLDL-P | 0.31 | 0.01:0.61 | 0.13 | -0.03:0.28 | 0.01 | -0.08:0.09 | -0,16 | -0,33:0,01 | 0.08 | -0.07:0.24 | 0.08 | -0.17:0.33 | 0.29 | 0.14:0.43 | -0.08 | -0.28:0.12 |
| M-VLDL-L | 0.32 | 0.03:0.61 | 0.13 | -0.03:0.29 | 0.01 | -0.07:0.09 | -0,16 | -0,33:0,00 | 0.10 | -0.06:0.26 | 0.07 | -0.17:0.32 | 0.30 | 0.15:0.45 | -0.06 | -0.25:0.13 |
| M-VLDL-PL | 0.33 | 0.03:0.63 | 0.13 | -0.03:0.28 | 0.01 | -0.08:0.09 | -0,17 | -0,34:0,00 | 0.09 | -0.06:0.25 | 0.08 | -0.17:0.33 | 0.28 | 0.14:0.43 | -0.07 | -0.26:0.13 |
| M-VLDL-C | 0.34 | 0.04:0.64 | 0.11 | -0.04:0.27 | 0.01 | -0.07:0.09 | -0,15 | -0,32:0,01 | 0.08 | -0.07:0.24 | 0.09 | -0.16:0.33 | 0.29 | 0.14:0.44 | -0.04 | -0.24:0.15 |
| M-VLDL-CE | 0.35 | 0.05:0.65 | 0.12 | -0.04:0.27 | 0.02 | -0.06:0.10 | -0,15 | -0,31:0,01 | 0.06 | -0.10:0.22 | 0.09 | -0.15:0.34 | 0.28 | 0.13:0.43 | -0.03 | -0.22:0.16 |
| M-VLDL-FC | 0.29 | 0.00:0.59 | 0.12 | -0.04:0.27 | 0.00 | -0.08:0.08 | -0,18 | -0,35:-0,01 | 0.09 | -0.07:0.25 | 0.08 | -0.17:0.32 | 0.28 | 0.13:0.43 | -0.08 | -0.27:0.12 |
|  | LUMINA | | NESDA-1 | | NTR | | ERF | | RS | | TMS | | LifeLines | | NESDA-2 | |
|  | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI |
| M-VLDL-TG | 0.30 | 0.01:0.60 | 0.11 | -0.05:0.26 | 0.00 | -0.08:0.08 | -0,15 | -0,32:0,02 | 0.09 | -0.06:0.25 | 0.07 | -0.18:0.32 | 0.30 | 0.15:0.45 | -0.08 | -0.27:0.12 |
| S-VLDL-P | 0.41 | 0.09:0.72 | 0.12 | -0.04:0.27 | 0.03 | -0.06:0.11 | -0,16 | -0,32:0,01 | 0.09 | -0.07:0.24 | 0.10 | -0.15:0.34 | 0.27 | 0.13:0.42 | -0.01 | -0.21:0.18 |
| S-VLDL-L | 0.41 | 0.11:0.72 | 0.13 | -0.02:0.29 | 0.03 | -0.05:0.11 | -0,17 | -0,34:-0,01 | 0.10 | -0.06:0.25 | 0.10 | -0.15:0.34 | 0.28 | 0.13:0.43 | 0.00 | -0.19:0.19 |
| S-VLDL-PL | 0.39 | 0.08:0.69 | 0.11 | -0.04:0.27 | 0.02 | -0.06:0.10 | -0,14 | -0,31:0,02 | 0.10 | -0.06:0.25 | 0.10 | -0.14:0.34 | 0.26 | 0.11:0.40 | 0.01 | -0.18:0.20 |
| S-VLDL-C | 0.40 | 0.09:0.70 | 0.15 | -0.01:0.31 | 0.05 | -0.03:0.14 | -0,19 | -0,35:-0,03 | 0.07 | -0.09:0.22 | 0.13 | -0.11:0.37 | 0.20 | 0.05:0.36 | 0.04 | -0.15:0.23 |
| S-VLDL-CE | 0.38 | 0.08:0.67 | 0.16 | 0.00:0.32 | 0.06 | -0.02:0.15 | -0,18 | -0,34:-0,01 | 0.05 | -0.11:0.21 | 0.15 | -0.09:0.38 | 0.15 | 0.00:0.31 | 0.05 | -0.14:0.24 |
| S-VLDL-FC | 0.37 | 0.07:0.68 | 0.12 | -0.04:0.27 | 0.01 | -0.07:0.10 | -0,2 | -0,37:-0,04 | 0.08 | -0.07:0.24 | 0.11 | -0.13:0.35 | 0.26 | 0.11:0.41 | 0.01 | -0.18:0.19 |
| S-VLDL-TG | 0.36 | 0.06:0.66 | 0.11 | -0.05:0.26 | 0.01 | -0.07:0.09 | -0,17 | -0,34:0,00 | 0.10 | -0.06:0.25 | 0.07 | -0.18:0.32 | 0.30 | 0.15:0.45 | -0.04 | -0.23:0.15 |
| XS-VLDL-P | 0.40 | 0.09:0.70 | 0.10 | -0.06:0.25 | 0.06 | -0.02:0.14 | -0,19 | -0,36:-0,03 | 0.05 | -0.10:0.21 | 0.10 | -0.14:0.34 | 0.17 | 0.02:0.32 | 0.08 | -0.11:0.27 |
| XS-VLDL-L | 0.37 | 0.08:0.66 | 0.11 | -0.05:0.27 | 0.06 | -0.02:0.14 | -0,19 | -0,35:-0,03 | 0.04 | -0.12:0.20 | 0.11 | -0.14:0.35 | 0.16 | 0.01:0.31 | 0.09 | -0.10:0.28 |
| XS-VLDL-PL | 0.34 | 0.05:0.63 | 0.07 | -0.09:0.22 | 0.03 | -0.05:0.12 | -0,19 | -0,35:-0,02 | 0.02 | -0.14:0.18 | 0.09 | -0.15:0.34 | 0.12 | -0.03:0.27 | 0.11 | -0.07:0.30 |
| XS-VLDL-C | 0.25 | -0.02:0.53 | 0.12 | -0.04:0.28 | 0.09 | 0.00:0.17 | -0,14 | -0,30:0,02 | 0.02 | -0.14:0.18 | 0.11 | -0.13:0.36 | 0.09 | -0.06:0.25 | 0.11 | -0.08:0.29 |
| XS-VLDL-CE | 0.26 | -0.02:0.53 | 0.11 | -0.04:0.27 | 0.09 | 0.01:0.18 | -0,13 | -0,28:0,03 | 0.02 | -0.14:0.18 | 0.10 | -0.14:0.34 | 0.08 | -0.07:0.23 | 0.11 | -0.07:0.29 |
| XS-VLDL-FC | 0.23 | -0.05:0.51 | 0.13 | -0.03:0.28 | 0.07 | -0.02:0.15 | -0,16 | -0,32:0,00 | 0.02 | -0.13:0.18 | 0.13 | -0.12:0.38 | 0.11 | -0.04:0.26 | 0.10 | -0.09:0.28 |
| XS-VLDL-TG | 0.35 | 0.05:0.64 | 0.08 | -0.07:0.23 | 0.01 | -0.07:0.09 | -0,18 | -0,35:-0,01 | 0.08 | -0.07:0.24 | 0.07 | -0.17:0.32 | 0.26 | 0.12:0.40 | -0.01 | -0.20:0.18 |
| VLDL-D | 0.22 | -0.05:0.48 | 0.09 | -0.06:0.24 | -0.01 | -0.09:0.07 | -0.09 | -0.25:0.08 | 0.12 | -0.04:0.28 | 0.02 | -0.23:0.27 | 0.28 | 0.13:0.44 | -0.11 | -0.30:0.07 |
| VLDL-C | 0.38 | 0.08:0.68 | 0.15 | -0.01:0.31 | 0.03 | -0.05:0.12 | -0.18 | -0.34:-0.02 | 0.07 | -0.09:0.23 | 0.12 | -0.12:0.36 | 0.25 | 0.09:0.40 | 0.01 | -0.19:0.20 |
| VLDL-TG | 0.29 | 0.01:0.57 | 0.11 | -0.05:0.26 | 0.00 | -0.08:0.09 | -0.16 | -0.33:0.00 | 0.11 | -0.05:0.27 | 0.07 | -0.18:0.32 | 0.31 | 0.16:0.46 | -0.07 | -0.26:0.13 |
| IDL-P | 0.31 | 0.02:0.60 | 0.07 | -0.09:0.22 | 0.03 | -0.06:0.11 | -0.18 | -0.34:-0.01 | 0.00 | -0.16:0.16 | 0.08 | -0.17:0.32 | 0.08 | -0.07:0.24 | 0.10 | -0.09:0.28 |
| IDL-L | 0.29 | 0.01:0.57 | 0.07 | -0.08:0.23 | 0.03 | -0.05:0.12 | -0.17 | -0.33:-0.01 | -0.01 | -0.18:0.15 | 0.08 | -0.17:0.32 | 0.08 | -0.08:0.24 | 0.10 | -0.09:0.29 |
| IDL-PL | 0.25 | -0.02:0.53 | 0.03 | -0.13:0.18 | 0.02 | -0.06:0.11 | -0.16 | -0.32:0.00 | -0.01 | -0.17:0.15 | 0.06 | -0.19:0.31 | 0.05 | -0.10:0.21 | 0.12 | -0.07:0.31 |
| IDL-C | 0.27 | -0.01:0.54 | 0.06 | -0.09:0.22 | 0.03 | -0.06:0.11 | -0.15 | -0.31:0.01 | -0.01 | -0.17:0.15 | 0.09 | -0.16:0.34 | 0.05 | -0.11:0.20 | 0.10 | -0.09:0.29 |
| IDL-CE | 0.29 | 0.01:0.57 | 0.07 | -0.08:0.23 | 0.03 | -0.06:0.11 | -0.16 | -0.32:0.00 | -0.01 | -0.17:0.15 | 0.10 | -0.15:0.34 | 0.06 | -0.09:0.22 | 0.09 | -0.10:0.28 |
| IDL-FC | 0.21 | -0.06:0.48 | 0.04 | -0.11:0.20 | 0.03 | -0.06:0.11 | -0.14 | -0.30:0.02 | -0.02 | -0.18:0.14 | 0.07 | -0.18:0.32 | 0.01 | -0.15:0.16 | 0.12 | -0.07:0.31 |
| IDL-TG | 0.30 | 0.01:0.59 | -0.02 | -0.17:0.14 | 0.01 | -0.07:0.10 | -0.25 | -0.42:-0.08 | 0.05 | -0.11:0.21 | 0.07 | -0.17:0.31 | 0.20 | 0.06:0.34 | 0.02 | -0.16:0.21 |
| L-LDL-P | 0.30 | 0.01:0.59 | 0.05 | -0.11:0.20 | 0.02 | -0.06:0.11 | -0.19 | -0.35:-0.03 | 0.00 | -0.16:0.17 | 0.08 | -0.16:0.33 | 0.08 | -0.07:0.24 | 0.10 | -0.09:0.29 |
| L-LDL-L | 0.29 | 0.01:0.56 | 0.05 | -0.10:0.21 | 0.02 | -0.06:0.11 | -0.18 | -0.34:-0.03 | -0.01 | -0.17:0.16 | 0.08 | -0.17:0.34 | 0.08 | -0.08:0.24 | 0.10 | -0.09:0.29 |
| L-LDL-PL | 0.29 | 0.01:0.57 | 0.04 | -0.11:0.20 | 0.02 | -0.07:0.10 | -0.17 | -0.33:-0.01 | 0.00 | -0.16:0.17 | 0.08 | -0.17:0.33 | 0.07 | -0.08:0.23 | 0.11 | -0.08:0.30 |
| L-LDL-C | 0.27 | -0.01:0.55 | 0.05 | -0.10:0.21 | 0.02 | -0.06:0.10 | -0.17 | -0.33:-0.01 | -0.01 | -0.17:0.16 | 0.08 | -0.17:0.34 | 0.07 | -0.09:0.22 | 0.11 | -0.08:0.30 |
| L-LDL-CE | 0.29 | 0.01:0.57 | 0.06 | -0.10:0.22 | 0.02 | -0.07:0.10 | -0.18 | -0.34:-0.02 | 0.00 | -0.17:0.16 | 0.09 | -0.16:0.34 | 0.08 | -0.08:0.24 | 0.10 | -0.09:0.29 |
|  | LUMINA | | NESDA-1 | | NTR | | ERF | | RS | | TMS | | LifeLines | | NESDA-2 | |
|  | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI |
| L-LDL-FC | 0.22 | -0.06:0.49 | 0.03 | -0.12:0.19 | 0.02 | -0.06:0.11 | -0.14 | -0.30:0.02 | -0.02 | -0.18:0.14 | 0.12 | -0.12:0.36 | 0.02 | -0.14:0.17 | 0.12 | -0.07:0.31 |
| L-LDL-TG | 0.24 | -0.05:0.52 | -0.04 | -0.18:0.11 | 0.00 | -0.08:0.09 | -0.24 | -0.41:-0.07 | 0.00 | -0.17:0.17 | 0.05 | -0.19:0.30 | 0.14 | 0.00:0.29 | 0.03 | -0.16:0.21 |
| M-LDL-P | 0.32 | 0.03:0.61 | 0.06 | -0.10:0.22 | 0.02 | -0.06:0.11 | -0.20 | -0.36:-0.04 | 0.01 | -0.15:0.17 | 0.09 | -0.15:0.34 | 0.09 | -0.07:0.24 | 0.10 | -0.09:0.28 |
| M-LDL-L | 0.31 | 0.03:0.60 | 0.07 | -0.08:0.23 | 0.02 | -0.06:0.11 | -0.20 | -0.36:-0.04 | 0.01 | -0.16:0.17 | 0.10 | -0.15:0.35 | 0.09 | -0.07:0.25 | 0.09 | -0.10:0.29 |
| M-LDL-PL | 0.37 | 0.07:0.66 | 0.07 | -0.09:0.23 | 0.01 | -0.08:0.09 | -0.18 | -0.34:-0.02 | 0.03 | -0.14:0.19 | 0.12 | -0.14:0.37 | 0.11 | -0.05:0.27 | 0.07 | -0.12:0.27 |
| M-LDL-C | 0.29 | 0.01:0.57 | 0.08 | -0.08:0.23 | 0.02 | -0.06:0.11 | -0.18 | -0.34:-0.02 | 0.00 | -0.16:0.17 | 0.10 | -0.15:0.35 | 0.08 | -0.08:0.24 | 0.10 | -0.09:0.29 |
| M-LDL-CE | 0.29 | 0.01:0.57 | 0.07 | -0.08:0.23 | 0.02 | -0.06:0.11 | -0.17 | -0.34:-0.01 | 0.00 | -0.16:0.17 | 0.09 | -0.16:0.34 | 0.08 | -0.08:0.23 | 0.11 | -0.08:0.30 |
| M-LDL-FC | 0.25 | -0.03:0.53 | 0.07 | -0.09:0.23 | 0.01 | -0.07:0.10 | -0.19 | -0.35:-0.02 | 0.00 | -0.17:0.16 | 0.13 | -0.12:0.38 | 0.07 | -0.09:0.23 | 0.09 | -0.10:0.28 |
| M-LDL-TG | 0.20 | -0.08:0.48 | -0.06 | -0.21:0.09 | 0.00 | -0.09:0.08 | -0.23 | -0.40:-0.05 | -0.02 | -0.19:0.15 | 0.03 | -0.22:0.28 | 0.13 | -0.02:0.28 | 0.02 | -0.17:0.20 |
| S-LDL-P | 0.31 | 0.02:0.60 | 0.06 | -0.10:0.21 | 0.01 | -0.08:0.09 | -0.21 | -0.37:-0.04 | 0.02 | -0.15:0.18 | 0.11 | -0.14:0.36 | 0.08 | -0.07:0.24 | 0.10 | -0.09:0.29 |
| S-LDL-L | 0.30 | 0.01:0.58 | 0.07 | -0.09:0.23 | 0.01 | -0.08:0.09 | -0.20 | -0.36:-0.04 | 0.01 | -0.15:0.18 | 0.12 | -0.14:0.38 | 0.08 | -0.07:0.24 | 0.11 | -0.09:0.30 |
| S-LDL-PL | 0.28 | -0.01:0.57 | 0.05 | -0.11:0.22 | -0.02 | -0.1:0.06 | -0.19 | -0.35:-0.02 | 0.03 | -0.13:0.20 | 0.20 | -0.06:0.47 | 0.10 | -0.05:0.26 | 0.08 | -0.11:0.28 |
| S-LDL-C | 0.26 | -0.02:0.54 | 0.07 | -0.09:0.23 | 0.02 | -0.07:0.10 | -0.18 | -0.34:-0.02 | 0.01 | -0.16:0.17 | 0.10 | -0.14:0.35 | 0.06 | -0.10:0.21 | 0.12 | -0.07:0.31 |
| S-LDL-CE | 0.26 | -0.02:0.53 | 0.06 | -0.10:0.22 | 0.02 | -0.07:0.10 | -0.17 | -0.33:-0.01 | 0.01 | -0.16:0.17 | 0.09 | -0.16:0.33 | 0.07 | -0.09:0.22 | 0.12 | -0.07:0.31 |
| S-LDL-FC | 0.21 | -0.07:0.49 | 0.09 | -0.07:0.25 | 0.01 | -0.07:0.09 | -0.19 | -0.35:-0.03 | 0.01 | -0.16:0.17 | 0.18 | -0.09:0.44 | 0.04 | -0.11:0.20 | 0.11 | -0.09:0.30 |
| S-LDL-TG | 0.27 | -0.02:0.55 | -0.02 | -0.17:0.13 | -0.03 | -0.11:0.06 | -0.24 | -0.41:-0.06 | 0.04 | -0.13:0.20 | 0.06 | -0.19:0.30 | 0.19 | 0.04:0.33 | -0.01 | -0.20:0.18 |
| LDL-D | -0.08 | -0.33:0.17 | -0.01 | -0.16:0.14 | 0.04 | -0.04:0.13 | 0.16 | 0.01:0.32 | -0.11 | -0.27:0.06 | -0.12 | -0.39:0.16 | -0.11 | -0.27:0.05 | 0.01 | -0.18:0.20 |
| LDL-C | 0.27 | -0.01:0.54 | 0.07 | -0.09:0.23 | 0.02 | -0.06:0.11 | -0.17 | -0.33:-0.02 | 0.00 | -0.17:0.16 | 0.09 | -0.17:0.34 | 0.07 | -0.08:0.23 | 0.11 | -0.08:0.30 |
| LDL-TG | 0.22 | -0.06:0.50 | -0.04 | -0.19:0.11 | -0.01 | -0.09:0.08 | -0.19 | -0.36:-0.02 | -0.01 | -0.18:0.16 | 0.04 | -0.21:0.28 | 0.16 | 0.02:0.31 | 0.01 | -0.17:0.20 |
| XL-HDL-P | -0.30 | -0.57:-0.02 | -0.20 | -0.35:-0.04 | -0.05 | -0.13:0.03 | 0.00 | -0.16:0.16 | -0.15 | -0.32:0.01 | -0.04 | -0.29:0.20 | -0.19 | -0.35:-0.03 | -0.10 | -0.28:0.08 |
| XL-HDL-L | -0.31 | -0.59:-0.03 | -0.21 | -0.36:-0.05 | -0.05 | -0.13:0.04 | 0.00 | -0.16:0.16 | -0.15 | -0.31:0.02 | -0.02 | -0.27:0.22 | -0.20 | -0.35:-0.04 | -0.10 | -0.28:0.08 |
| XL-HDL-PL | -0.34 | -0.63:-0.05 | -0.20 | -0.35:-0.04 | -0.08 | -0.17:0.01 | 0.04 | -0.12:0.20 | -0.18 | -0.35:-0.01 | -0.10 | -0.35:0.15 | -0.19 | -0.35:-0.02 | -0.09 | -0.27:0.10 |
| XL-HDL-C | -0.27 | -0.54:0.01 | -0.21 | -0.37:-0.06 | -0.01 | -0.09:0.07 | -0.04 | -0.20:0.12 | -0.11 | -0.27:0.05 | 0.05 | -0.20:0.30 | -0.21 | -0.36:-0.06 | -0.09 | -0.27:0.08 |
| XL-HDL-CE | -0.24 | -0.51:0.03 | -0.21 | -0.37:-0.06 | 0.00 | -0.08:0.08 | -0.05 | -0.21:0.11 | -0.11 | -0.27:0.05 | 0.07 | -0.18:0.33 | -0.21 | -0.37:-0.06 | -0.09 | -0.27:0.08 |
| XL-HDL-FC | -0.32 | -0.59:-0.04 | -0.21 | -0.37:-0.05 | -0.04 | -0.12:0.04 | -0.02 | -0.18:0.14 | -0.12 | -0.28:0.05 | -0.02 | -0.26:0.23 | -0.19 | -0.34:-0.04 | -0.10 | -0.27:0.08 |
| XL-HDL-TG | 0.04 | -0.22:0.30 | -0.03 | -0.18:0.11 | -0.01 | -0.09:0.07 | -0.16 | -0.33:0.01 | 0.00 | -0.17:0.16 | -0.06 | -0.31:0.19 | 0.11 | -0.03:0.26 | -0.18 | -0.37:0.00 |
| L-HDL-P | -0.32 | -0.60:-0.03 | -0.14 | -0.29:0.00 | -0.12 | -0.20:-0.03 | 0.08 | -0.08:0.23 | -0.13 | -0.30:0.04 | -0.10 | -0.35:0.16 | -0.21 | -0.38:-0.05 | -0.08 | -0.27:0.10 |
| L-HDL-L | -0.35 | -0.65:-0.05 | -0.16 | -0.31:-0.01 | -0.11 | -0.20:-0.02 | 0.09 | -0.07:0.24 | -0.13 | -0.30:0.04 | -0.07 | -0.33:0.19 | -0.23 | -0.39:-0.07 | -0.07 | -0.26:0.12 |
| L-HDL-PL | -0.34 | -0.64:-0.05 | -0.15 | -0.29:0.00 | -0.11 | -0.20:-0.03 | 0.09 | -0.07:0.24 | -0.14 | -0.31:0.03 | -0.10 | -0.36:0.16 | -0.21 | -0.37:-0.05 | -0.06 | -0.25:0.13 |
| L-HDL-C | -0.34 | -0.63:-0.04 | -0.16 | -0.32:-0.01 | -0.11 | -0.20:-0.03 | 0.09 | -0.07:0.25 | -0.12 | -0.29:0.05 | -0.06 | -0.32:0.19 | -0.24 | -0.40:-0.08 | -0.08 | -0.27:0.11 |
|  | LUMINA | | NESDA-1 | | NTR | | ERF | | RS | | TMS | | LifeLines | | NESDA-2 | |
|  | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI |
| L-HDL-CE | -0.32 | -0.61:-0.03 | -0.08 | -0.24:0.08 | -0.12 | -0.20:-0.03 | 0.09 | -0.07:0.24 | -0.11 | -0.28:0.05 | -0.07 | -0.32:0.19 | -0.23 | -0.39:-0.07 | -0.09 | -0.27:0.10 |
| L-HDL-FC | -0.37 | -0.66:-0.07 | -0.20 | -0.35:-0.06 | -0.11 | -0.19:-0.02 | 0.08 | -0.08:0.24 | -0.13 | -0.29:0.04 | -0.07 | -0.32:0.18 | -0.25 | -0.42:-0.09 | -0.08 | -0.27:0.11 |
| L-HDL-TG | -0.08 | -0.34:0.18 | 0.10 | -0.04:0.25 | -0.05 | -0.14:0.03 | -0.03 | -0.19:0.13 | -0.05 | -0.22:0.11 | -0.12 | -0.38:0.14 | -0.04 | -0.19:0.11 | -0.13 | -0.31:0.06 |
| M-HDL-P | -0.06 | -0.32:0.20 | -0.20 | -0.35:-0.04 | -0.11 | -0.19:-0.03 | 0.11 | -0.05:0.27 | 0.02 | -0.16:0.20 | -0.13 | -0.39:0.13 | 0.02 | -0.13:0.16 | -0.02 | -0.20:0.15 |
| M-HDL-L | -0.10 | -0.36:0.17 | -0.21 | -0.36:-0.05 | -0.10 | -0.18:-0.02 | 0.12 | -0.04:0.27 | 0.02 | -0.17:0.20 | -0.13 | -0.39:0.13 | 0.01 | -0.14:0.16 | -0.02 | -0.19:0.16 |
| M-HDL-PL | -0.15 | -0.42:0.12 | -0.20 | -0.35:-0.04 | -0.10 | -0.19:-0.02 | 0.10 | -0.06:0.25 | 0.02 | -0.16:0.20 | -0.12 | -0.38:0.14 | 0.00 | -0.14:0.15 | -0.03 | -0.20:0.15 |
| M-HDL-C | -0.12 | -0.39:0.15 | -0.21 | -0.37:-0.06 | -0.10 | -0.18:-0.02 | 0.15 | -0.01:0.31 | 0.00 | -0.18:0.18 | -0.13 | -0.39:0.13 | -0.03 | -0.19:0.12 | -0.01 | -0.18:0.17 |
| M-HDL-CE | -0.10 | -0.37:0.16 | -0.21 | -0.37:-0.06 | -0.10 | -0.18:-0.02 | 0.16 | 0.00:0.32 | -0.03 | -0.20:0.15 | -0.13 | -0.39:0.13 | -0.06 | -0.22:0.09 | -0.01 | -0.19:0.17 |
| M-HDL-FC | -0.07 | -0.33:0.19 | -0.21 | -0.37:-0.05 | -0.11 | -0.19:-0.03 | 0.08 | -0.08:0.23 | 0.08 | -0.10:0.26 | -0.13 | -0.40:0.13 | 0.07 | -0.08:0.22 | 0.00 | -0.18:0.18 |
| M-HDL-TG | 0.22 | -0.04:0.49 | -0.03 | -0.18:0.11 | -0.02 | -0.10:0.06 | -0.07 | -0.23:0.10 | 0.05 | -0.10:0.21 | -0.05 | -0.30:0.19 | 0.25 | 0.10:0.39 | -0.02 | -0.20:0.16 |
| S-HDL-P | 0.07 | -0.18:0.32 | -0.14 | -0.29:0.00 | -0.09 | -0.17:-0.01 | 0.00 | -0.17:0.16 | 0.14 | -0.02:0.30 | -0.04 | -0.28:0.20 | 0.11 | -0.03:0.24 | 0.04 | -0.13:0.20 |
| S-HDL-L | 0.05 | -0.20:0.30 | -0.16 | -0.31:-0.01 | -0.09 | -0.17:-0.01 | -0.01 | -0.17:0.15 | 0.14 | -0.03:0.31 | -0.04 | -0.28:0.21 | 0.10 | -0.04:0.24 | 0.04 | -0.13:0.21 |
| S-HDL-PL | -0.07 | -0.32:0.18 | -0.15 | -0.29:0.00 | -0.11 | -0.19:-0.03 | 0.08 | -0.08:0.24 | 0.10 | -0.06:0.26 | -0.12 | -0.36:0.12 | 0.08 | -0.06:0.22 | -0.01 | -0.18:0.16 |
| S-HDL-C | 0.12 | -0.14:0.38 | -0.16 | -0.32:-0.01 | -0.02 | -0.11:0.06 | -0.09 | -0.25:0.07 | 0.07 | -0.10:0.23 | 0.14 | -0.14:0.42 | 0.01 | -0.15:0.16 | 0.12 | -0.06:0.30 |
| S-HDL-CE | 0.17 | -0.09:0.42 | -0.08 | -0.24:0.08 | 0.00 | -0.08:0.09 | -0.09 | -0.26:0.07 | 0.05 | -0.11:0.21 | 0.17 | -0.11:0.45 | -0.01 | -0.18:0.15 | 0.14 | -0.05:0.32 |
| S-HDL-FC | -0.12 | -0.36:0.13 | -0.20 | -0.35:-0.06 | -0.11 | -0.19:-0.04 | -0.03 | -0.19:0.13 | 0.05 | -0.11:0.22 | -0.04 | -0.29:0.20 | 0.06 | -0.08:0.19 | -0.02 | -0.19:0.15 |
| S-HDL-TG | 0.32 | 0.04:0.61 | 0.10 | -0.04:0.25 | -0.01 | -0.09:0.07 | -0.17 | -0.34:0.00 | 0.07 | -0.09:0.22 | 0.04 | -0.21:0.28 | 0.25 | 0.11:0.39 | -0.04 | -0.23:0.14 |
| HDL-D | -0.36 | -0.65:-0.07 | -0.24 | -0.40:-0.08 | -0.08 | -0.16:0.01 | 0.07 | -0.09:0.23 | -0.18 | -0.35:-0.01 | -0.09 | -0.34:0.17 | -0.23 | -0.39:-0.07 | -0.08 | -0.27:0.10 |
| HDL-C | -0.26 | -0.55:0.03 | -0.26 | -0.43:-0.10 | -0.10 | -0.18:-0.01 | 0.07 | -0.09:0.23 | -0.10 | -0.27:0.07 | -0.05 | -0.31:0.21 | -0.21 | -0.37:-0.05 | -0.05 | -0.24:0.14 |
| HDL2-C | -0.32 | -0.61:-0.03 | -0.26 | -0.42:-0.10 | -0.11 | -0.19:-0.03 | 0.09 | -0.07:0.25 | -0.11 | -0.29:0.06 | -0.09 | -0.35:0.17 | -0.23 | -0.39:-0.07 | -0.07 | -0.25:0.12 |
| HDL3-C | 0.14 | -0.12:0.40 | -0.12 | -0.28:0.04 | 0.01 | -0.07:0.09 | -0.06 | -0.23:0.10 | 0.04 | -0.12:0.20 | 0.18 | -0.09:0.44 | 0.05 | -0.10:0.21 | 0.07 | -0.12:0.27 |
| HDL-TG | 0.19 | -0.07:0.46 | -0.03 | -0.18:0.12 | -0.04 | -0.12:0.04 | -0.12 | -0.29:0.04 | 0.01 | -0.15:0.17 | -0.03 | -0.28:0.22 | 0.20 | 0.05:0.34 | -0.11 | -0.30:0.07 |
| Serum-C | 0.22 | -0.06:0.50 | 0.00 | -0.16:0.16 | -0.01 | -0.09:0.08 | -0.15 | -0.31:0.01 | -0.02 | -0.19:0.15 | 0.07 | -0.19:0.33 | 0.07 | -0.10:0.23 | 0.06 | -0.14:0.25 |
| Remnant-C | 0.38 | 0.08:0.67 | 0.14 | -0.02:0.30 | 0.04 | -0.04:0.12 | -0.18 | -0.34:-0.02 | 0.03 | -0.13:0.19 | 0.09 | -0.15:0.34 | 0.19 | 0.03:0.34 | 0.04 | -0.15:0.23 |
| EstC | 0.21 | -0.07:0.49 | -0.02 | -0.18:0.14 | -0.01 | -0.09:0.08 | -0.13 | -0.29:0.03 | -0.01 | -0.18:0.16 | 0.06 | -0.20:0.31 | 0.05 | -0.11:0.21 | 0.07 | -0.13:0.26 |
| FreeC | 0.23 | -0.05:0.52 | 0.03 | -0.13:0.18 | -0.01 | -0.09:0.08 | -0.20 | -0.36:-0.04 | -0.02 | -0.19:0.14 | 0.15 | -0.10:0.40 | 0.10 | -0.07:0.26 | 0.03 | -0.16:0.22 |
| Serum-TG | 0.30 | 0.02:0.58 | 0.11 | -0.04:0.26 | 0.00 | -0.08:0.08 | -0.18 | -0.35:-0.01 | 0.10 | -0.06:0.26 | 0.06 | -0.18:0.31 | 0.31 | 0.16:0.46 | -0.06 | -0.25:0.13 |
| TotPG | 0.13 | -0.14:0.41 | -0.14 | -0.29:0.02 | -0.10 | -0.18:-0.01 | -0.12 | -0.28:0.04 | 0.01 | -0.17:0.19 | -0.02 | -0.27:0.24 | 0.09 | -0.06:0.25 | -0.04 | -0.22:0.15 |
| PC | 0.01 | -0.26:0.28 | -0.11 | -0.27:0.04 | -0.07 | -0.15:0.02 | -0.08 | -0.25:0.08 | -0.02 | -0.20:0.16 | -0.02 | -0.28:0.23 | 0.04 | -0.12:0.19 | -0.04 | -0.23:0.14 |
| SM | 0.31 | 0.01:0.61 | 0.06 | -0.10:0.21 | 0.03 | -0.06:0.11 | -0.18 | -0.35:-0.02 | -0.06 | -0.23:0.12 | 0.12 | -0.15:0.38 | 0.04 | -0.12:0.21 | -0.01 | -0.19:0.18 |
|  | LUMINA | | NESDA-1 | | NTR | | ERF | | RS | | TMS | | LifeLines | | NESDA-2 | |
|  | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI |
| TotCho | 0.05 | -0.23:0.32 | -0.12 | -0.28:0.04 | -0.07 | -0.15:0.02 | -0.11 | -0.27:0.06 | -0.03 | -0.21:0.15 | 0.01 | -0.25:0.28 | 0.04 | -0.12:0.19 | -0.03 | -0.22:0.16 |
| ApoA1 | -0.13 | -0.41:0.14 | -0.25 | -0.41:-0.09 | -0.10 | -0.18:-0.02 | 0.00 | -0.16:0.16 | -0.09 | -0.27:0.09 | -0.01 | -0.27:0.26 | -0.12 | -0.28:0.04 | -0.08 | -0.26:0.11 |
| ApoB | 0.41 | 0.11:0.71 | 0.12 | -0.04:0.28 | 0.03 | -0.06:0.11 | -0.20 | -0.36:-0.04 | 0.04 | -0.12:0.20 | 0.12 | -0.12:0.37 | 0.20 | 0.04:0.35 | 0.05 | -0.14:0.24 |
| TotFA | 0.24 | -0.04:0.51 | 0.00 | -0.16:0.15 | -0.06 | -0.14:0.02 | -0.16 | -0.32:0.00 | 0.03 | -0.14:0.21 | 0.05 | -0.21:0.30 | 0.20 | 0.05:0.36 | -0.04 | -0.23:0.16 |
| UnsatDeg | 0.02 | -0.23:0.26 | -0.08 | -0.22:0.06 | 0.01 | -0.07:0.08 | 0.08 | -0.09:0.24 | -0.02 | -0.18:0.14 | -0.13 | -0.38:0.12 | -0.17 | -0.32:-0.02 | 0.07 | -0.11:0.24 |
| FAw3 | -0.08 | -0.35:0.19 | -0.25 | -0.42:-0.08 | -0.03 | -0.12:0.05 | -0.07 | -0.24:0.09 | 0.03 | -0.14:0.19 | -0.01 | -0.26:0.24 | -0.01 | -0.18:0.15 | -0.10 | -0.30:0.11 |
| FAw6 | 0.26 | -0.01:0.54 | -0.02 | -0.17:0.14 | -0.03 | -0.11:0.05 | -0.11 | -0.28:0.05 | -0.06 | -0.23:0.11 | 0.12 | -0.14:0.37 | 0.12 | -0.03:0.28 | 0.07 | -0.12:0.25 |
| PUFA | 0.23 | -0.05:0.51 | -0.05 | -0.21:0.10 | -0.03 | -0.12:0.05 | -0.12 | -0.28:0.04 | -0.05 | -0.22:0.12 | 0.10 | -0.15:0.35 | 0.11 | -0.05:0.27 | 0.05 | -0.14:0.24 |
| MUFA | 0.27 | 0.00:0.54 | 0.01 | -0.15:0.16 | -0.08 | -0.16:0.00 | -0.20 | -0.37:-0.03 | 0.13 | -0.04:0.29 | -0.03 | -0.28:0.23 | 0.24 | 0.09:0.39 | -0.05 | -0.24:0.14 |
| SFA | 0.22 | -0.05:0.49 | 0.01 | -0.14:0.16 | -0.05 | -0.13:0.03 | -0.15 | -0.32:0.01 | 0.02 | -0.15:0.19 | 0.08 | -0.17:0.33 | 0.18 | 0.03:0.34 | -0.06 | -0.25:0.13 |
| DHA | 0.08 | -0.19:0.36 | -0.20 | -0.36:-0.04 | -0.02 | -0.1:0.06 | -0.07 | -0.24:0.10 | 0.01 | -0.16:0.17 | 0.02 | -0.22:0.27 | 0.02 | -0.13:0.17 | -0.11 | -0.30:0.09 |
| LA | 0.23 | -0.04:0.50 | -0.02 | -0.17:0.13 | -0.03 | -0.11:0.05 | -0.07 | -0.23:0.09 | -0.08 | -0.25:0.08 | 0.15 | -0.09:0.40 | 0.09 | -0.07:0.24 | 0.12 | -0.06:0.30 |
| Glc | -0.06 | -0.33:0.21 | -0.01 | -0.17:0.15 | 0.02 | -0.07:0.10 | -0.11 | -0.27:0.06 | -0.05 | -0.22:0.11 | 0.23 | -0.01:0.47 | 0.13 | -0.02:0.28 | -0.07 | -0.28:0.13 |
| Lac | 0.05 | -0.20:0.29 | 0.06 | -0.08:0.21 | -0.05 | -0.12:0.03 | -0.05 | -0.21:0.11 | 0.01 | -0.16:0.17 | 0.16 | -0.06:0.39 | 0.06 | -0.08:0.20 | 0.00 | -0.17:0.17 |
| Pyr | -0.03 | -0.28:0.21 | 0.04 | -0.10:0.19 | - | - | -0.18 | -0.35:-0.01 | 0.01 | -0.15:0.17 | 0.03 | -0.20:0.27 | 0.07 | -0.08:0.21 | 0.02 | -0.16:0.19 |
| Cit | -0.20 | -0.46:0.05 | -0.10 | -0.25:0.04 | -0.08 | -0.16:0.00 | 0.05 | -0.11:0.21 | 0.04 | -0.12:0.21 | 0.08 | -0.17:0.33 | 0.02 | -0.12:0.16 | 0.04 | -0.13:0.22 |
| Ala | 0.20 | -0.06:0.46 | -0.01 | -0.15:0.14 | 0.00 | -0.08:0.08 | 0.00 | -0.17:0.16 | -0.01 | -0.17:0.15 | 0.14 | -0.10:0.39 | 0.06 | -0.09:0.20 | -0.05 | -0.23:0.13 |
| Gln | 0.04 | -0.21:0.30 | -0.16 | -0.31:-0.01 | - | - | -0.09 | -0.25:0.07 | -0.06 | -0.22:0.11 | -0.03 | -0.27:0.20 | 0.05 | -0.10:0.20 | 0.04 | -0.14:0.22 |
| His | -0.08 | -0.33:0.17 | 0.00 | -0.14:0.15 | 0.02 | -0.06:0.10 | 0.09 | -0.07:0.26 | 0.02 | -0.15:0.18 | 0.17 | -0.08:0.42 | 0.02 | -0.13:0.16 | -0.18 | -0.35:0.00 |
| Ile | 0.00 | -0.25:0.25 | 0.01 | -0.16:0.18 | 0.07 | -0.02:0.16 | -0.11 | -0.28:0.06 | -0.01 | -0.18:0.16 | 0.45 | 0.17:0.72 | 0.08 | -0.09:0.26 | -0.04 | -0.24:0.17 |
| Leu | -0.19 | -0.43:0.05 | -0.11 | -0.29:0.07 | 0.09 | 0.00:0.18 | -0.16 | -0.34:0.01 | 0.01 | -0.17:0.19 | 0.46 | 0.18:0.74 | -0.01 | -0.20:0.17 | -0.06 | -0.26:0.14 |
| Val | -0.19 | -0.44:0.05 | -0.09 | -0.25:0.07 | 0.08 | 0.00:0.17 | -0.26 | -0.43:-0.09 | -0.03 | -0.20:0.14 | 0.44 | 0.18:0.70 | 0.00 | -0.16:0.16 | -0.04 | -0.23:0.14 |
| Phe | -0.14 | -0.38:0.10 | -0.01 | -0.15:0.14 | 0.06 | -0.02:0.14 | -0.21 | -0.37:-0.04 | -0.10 | -0.27:0.07 | 0.03 | -0.24:0.30 | 0.06 | -0.09:0.21 | -0.10 | -0.29:0.08 |
| Tyr | -0.07 | -0.32:0.18 | 0.03 | -0.12:0.18 | 0.00 | -0.08:0.09 | -0.29 | -0.46:-0.12 | -0.07 | -0.23:0.10 | 0.14 | -0.11:0.39 | -0.06 | -0.22:0.10 | -0.02 | -0.20:0.17 |
| AcAce | -0.15 | -0.37:0.08 | -0.16 | -0.32:0.00 | -0.01 | -0.09:0.07 | -0.08 | -0.25:0.09 | 0.13 | -0.03:0.29 | -0.02 | -0.29:0.25 | 0.12 | -0.02:0.26 | 0.07 | -0.10:0.24 |
| bOHBut | -0.16 | -0.38:0.07 | -0.15 | -0.3:0.00 | 0.02 | -0.06:0.10 | -0.07 | -0.24:0.11 | 0.06 | -0.10:0.21 | 0.05 | -0.20:0.30 | 0.00 | -0.13:0.14 | -0.04 | -0.22:0.13 |
| Crea | -0.02 | -0.32:0.29 | 0.03 | -0.15:0.21 | 0.04 | -0.06:0.13 | -0.08 | -0.24:0.09 | -0.15 | -0.36:0.06 | 0.08 | -0.22:0.37 | 0.04 | -0.15:0.22 | 0.03 | -0.18:0.24 |
| Alb | 0.24 | -0.02:0.49 | 0.01 | -0.14:0.15 | -0.08 | -0.16:0.00 | 0.01 | -0.15:0.17 | 0.10 | -0.06:0.25 | 0.10 | -0.14:0.34 | -0.06 | -0.20:0.09 | -0.03 | -0.21:0.14 |
| Gp | 0.41 | 0.13:0.69 | 0.17 | 0.03:0.31 | 0.01 | -0.07:0.08 | -0.10 | -0.27:0.06 | 0.00 | -0.17:0.16 | 0.15 | -0.10:0.40 | 0.21 | 0.07:0.36 | -0.15 | -0.33:0.03 |
| XXL-VLDL-PL\_% | -0.20 | -0.47:0.07 | -0.04 | -0.17:0.09 | -0.02 | -0.09:0.06 | -0.08 | -0.22:0.06 | -0.01 | -0.17:0.15 | -0.16 | -0.42:0.10 | 0.07 | -0.07:0.21 | -0.03 | -0.20:0.14 |
|  | LUMINA | | NESDA-1 | | NTR | | ERF | | RS | | TMS | | LifeLines | | NESDA-2 | |
|  | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI |
| XXL-VLDL-C\_% | -0.19 | -0.46:0.09 | -0.03 | -0.16:0.10 | 0.06 | -0.03:0.14 | -0.05 | -0.20:0.09 | -0.05 | -0.21:0.11 | -0.02 | -0.24:0.19 | 0.06 | -0.08:0.21 | 0.06 | -0.12:0.24 |
| XXL-VLDL-CE\_% | -0.20 | -0.47:0.07 | -0.02 | -0.15:0.12 | 0.03 | -0.05:0.11 | -0.05 | -0.20:0.09 | -0.01 | -0.17:0.16 | 0.03 | -0.21:0.26 | 0.06 | -0.09:0.20 | 0.09 | -0.09:0.27 |
| XXL-VLDL-FC\_% | -0.14 | -0.40:0.12 | -0.13 | -0.26:0.01 | 0.04 | -0.04:0.12 | -0.06 | -0.21:0.09 | -0.03 | -0.18:0.13 | -0.15 | -0.35:0.05 | 0.11 | -0.04:0.26 | -0.11 | -0.27:0.05 |
| XXL-VLDL-TG\_% | -0.16 | -0.43:0.11 | 0.07 | -0.08:0.21 | 0.00 | -0.08:0.08 | 0.07 | -0.10:0.24 | 0.09 | -0.09:0.26 | 0.23 | -0.18:0.65 | 0.05 | -0.09:0.19 | 0.01 | -0.16:0.19 |
| XL-VLDL-PL\_% | 0.06 | -0.18:0.30 | -0.02 | -0.15:0.11 | 0.06 | -0.02:0.14 | 0.01 | -0.15:0.17 | 0.08 | -0.12:0.27 | -0.04 | -0.25:0.18 | 0.20 | 0.05:0.35 | 0.14 | -0.08:0.37 |
| XL-VLDL-C\_% | 0.05 | -0.19:0.29 | -0.02 | -0.15:0.11 | 0.07 | -0.01:0.15 | 0.08 | -0.09:0.25 | -0.01 | -0.18:0.16 | 0.03 | -0.21:0.28 | 0.18 | 0.03:0.33 | 0.05 | -0.13:0.23 |
| XL-VLDL-CE\_% | 0.04 | -0.20:0.28 | -0.01 | -0.14:0.13 | 0.06 | -0.02:0.14 | 0.08 | -0.09:0.26 | -0.05 | -0.21:0.11 | 0.06 | -0.19:0.31 | 0.17 | 0.03:0.32 | 0.02 | -0.16:0.20 |
| XL-VLDL-FC\_% | 0.03 | -0.21:0.27 | -0.04 | -0.17:0.09 | 0.07 | -0.01:0.15 | 0.07 | -0.10:0.23 | 0.01 | -0.17:0.18 | -0.02 | -0.24:0.20 | 0.19 | 0.04:0.34 | 0.11 | -0.07:0.29 |
| XL-VLDL-TG\_% | 0.10 | -0.13:0.34 | 0.02 | -0.12:0.16 | 0.03 | -0.04:0.11 | 0.08 | -0.09:0.25 | 0.13 | -0.10:0.36 | 0.15 | -0.17:0.47 | 0.18 | 0.03:0.34 | -0.01 | -0.19:0.16 |
| L-VLDL-PL\_% | 0.19 | -0.03:0.41 | 0.12 | -0.04:0.28 | 0.02 | -0.06:0.10 | -0.05 | -0.20:0.10 | -0.04 | -0.20:0.11 | -0.03 | -0.25:0.18 | 0.11 | -0.04:0.25 | 0.05 | -0.14:0.23 |
| L-VLDL-C\_% | 0.12 | -0.10:0.35 | 0.00 | -0.14:0.13 | 0.00 | -0.08:0.08 | -0.07 | -0.21:0.06 | -0.10 | -0.26:0.06 | -0.05 | -0.30:0.20 | 0.05 | -0.09:0.19 | 0.06 | -0.12:0.23 |
| L-VLDL-CE\_% | 0.10 | -0.13:0.33 | -0.01 | -0.14:0.12 | 0.04 | -0.04:0.12 | -0.06 | -0.21:0.08 | -0.05 | -0.20:0.10 | 0.13 | -0.14:0.40 | 0.03 | -0.11:0.17 | 0.05 | -0.13:0.22 |
| L-VLDL-FC\_% | 0.17 | -0.06:0.40 | 0.05 | -0.10:0.20 | 0.04 | -0.04:0.12 | -0.08 | -0.23:0.06 | 0.00 | -0.17:0.17 | -0.12 | -0.34:0.10 | 0.07 | -0.07:0.21 | 0.06 | -0.13:0.25 |
| L-VLDL-TG\_% | 0.07 | -0.16:0.29 | -0.01 | -0.15:0.12 | 0.03 | -0.05:0.11 | 0.07 | -0.10:0.24 | 0.20 | 0.01:0.39 | 0.04 | -0.21:0.30 | 0.03 | -0.10:0.17 | -0.07 | -0.24:0.11 |
| M-VLDL-PL\_% | 0.30 | 0.04:0.56 | 0.03 | -0.11:0.17 | -0.02 | -0.10:0.06 | -0.07 | -0.23:0.10 | -0.03 | -0.18:0.13 | 0.07 | -0.17:0.31 | 0.06 | -0.07:0.20 | 0.02 | -0.16:0.20 |
| M-VLDL-C\_% | -0.08 | -0.35:0.19 | -0.02 | -0.17:0.13 | 0.00 | -0.08:0.08 | -0.08 | -0.24:0.08 | -0.12 | -0.29:0.04 | -0.05 | -0.29:0.20 | -0.08 | -0.22:0.07 | 0.07 | -0.11:0.25 |
| M-VLDL-CE\_% | -0.12 | -0.40:0.16 | -0.05 | -0.19:0.08 | 0.02 | -0.06:0.11 | -0.03 | -0.19:0.13 | -0.14 | -0.30:0.02 | -0.04 | -0.28:0.21 | -0.11 | -0.25:0.03 | 0.08 | -0.10:0.26 |
| M-VLDL-FC\_% | -0.04 | -0.30:0.22 | 0.02 | -0.12:0.16 | -0.02 | -0.10:0.06 | -0.15 | -0.31:0.00 | 0.03 | -0.13:0.19 | -0.02 | -0.26:0.23 | 0.08 | -0.07:0.22 | -0.05 | -0.22:0.12 |
| M-VLDL-TG\_% | 0.01 | -0.26:0.27 | 0.02 | -0.13:0.16 | 0.01 | -0.07:0.09 | 0.09 | -0.08:0.25 | 0.10 | -0.07:0.26 | 0.04 | -0.20:0.28 | 0.07 | -0.07:0.22 | -0.07 | -0.24:0.10 |
| S-VLDL-PL\_% | -0.19 | -0.45:0.08 | -0.17 | -0.32:-0.02 | -0.05 | -0.13:0.03 | 0.18 | 0.03:0.33 | 0.00 | -0.15:0.16 | -0.06 | -0.30:0.19 | -0.13 | -0.27:0.02 | 0.07 | -0.11:0.25 |
| S-VLDL-C\_% | -0.14 | -0.40:0.11 | -0.01 | -0.15:0.14 | 0.04 | -0.04:0.12 | -0.02 | -0.18:0.14 | -0.12 | -0.28:0.04 | 0.03 | -0.22:0.28 | -0.21 | -0.35:-0.06 | 0.10 | -0.08:0.28 |
| S-VLDL-CE\_% | -0.11 | -0.36:0.14 | -0.01 | -0.15:0.13 | 0.05 | -0.03:0.13 | -0.01 | -0.17:0.15 | -0.11 | -0.27:0.05 | 0.03 | -0.21:0.28 | -0.21 | -0.35:-0.06 | 0.10 | -0.08:0.28 |
| S-VLDL-FC\_% | -0.33 | -0.61:-0.06 | -0.10 | -0.25:0.05 | -0.07 | -0.15:0.02 | -0.10 | -0.26:0.06 | -0.09 | -0.25:0.07 | 0.00 | -0.26:0.26 | -0.07 | -0.22:0.07 | 0.09 | -0.10:0.27 |
| S-VLDL-TG\_% | 0.20 | -0.05:0.46 | 0.03 | -0.12:0.17 | -0.01 | -0.10:0.07 | -0.01 | -0.18:0.15 | 0.14 | -0.02:0.31 | 0.01 | -0.23:0.25 | 0.27 | 0.11:0.42 | -0.10 | -0.28:0.07 |
| XS-VLDL-PL\_% | 0.12 | -0.13:0.38 | -0.07 | -0.22:0.08 | -0.02 | -0.10:0.07 | -0.06 | -0.22:0.10 | -0.08 | -0.24:0.09 | 0.00 | -0.27:0.28 | -0.03 | -0.19:0.13 | 0.12 | -0.08:0.31 |
| XS-VLDL-C\_% | -0.27 | -0.54:0.00 | 0.05 | -0.09:0.20 | 0.05 | -0.03:0.13 | 0.21 | 0.03:0.38 | -0.06 | -0.22:0.10 | 0.02 | -0.24:0.27 | -0.24 | -0.38:-0.10 | 0.04 | -0.14:0.22 |
| XS-VLDL-CE\_% | -0.24 | -0.51:0.03 | 0.01 | -0.13:0.15 | 0.04 | -0.04:0.13 | 0.20 | 0.03:0.37 | -0.05 | -0.22:0.11 | -0.01 | -0.25:0.23 | -0.21 | -0.35:-0.07 | 0.04 | -0.14:0.22 |
| XS-VLDL-FC\_% | -0.18 | -0.45:0.09 | 0.08 | -0.07:0.24 | 0.02 | -0.06:0.10 | 0.10 | -0.06:0.27 | -0.04 | -0.20:0.11 | 0.06 | -0.20:0.33 | -0.16 | -0.31:-0.01 | 0.00 | -0.18:0.19 |
| XS-VLDL-TG\_% | 0.16 | -0.09:0.41 | -0.01 | -0.16:0.13 | -0.03 | -0.11:0.05 | -0.15 | -0.32:0.01 | 0.12 | -0.04:0.28 | -0.01 | -0.26:0.23 | 0.25 | 0.11:0.39 | -0.05 | -0.23:0.12 |
| IDL-PL\_% | -0.24 | -0.52:0.05 | -0.20 | -0.36:-0.05 | -0.01 | -0.09:0.07 | 0.26 | 0.08:0.43 | -0.02 | -0.18:0.14 | -0.17 | -0.40:0.07 | -0.19 | -0.35:-0.03 | 0.11 | -0.09:0.31 |
|  | LUMINA | | NESDA-1 | | NTR | | ERF | | RS | | TMS | | LifeLines | | NESDA-2 | |
|  | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI |
| IDL-C\_% | -0.02 | -0.27:0.23 | 0.07 | -0.07:0.22 | 0.02 | -0.06:0.1 | 0.10 | -0.06:0.27 | -0.04 | -0.20:0.12 | 0.07 | -0.18:0.31 | -0.09 | -0.23:0.05 | 0.01 | -0.16:0.18 |
| IDL-CE\_% | 0.02 | -0.24:0.27 | 0.10 | -0.05:0.25 | 0.01 | -0.07:0.09 | 0.06 | -0.11:0.22 | 0.01 | -0.16:0.17 | 0.12 | -0.13:0.38 | -0.02 | -0.17:0.12 | -0.04 | -0.22:0.14 |
| IDL-FC\_% | -0.05 | -0.29:0.19 | -0.02 | -0.16:0.13 | 0.04 | -0.04:0.13 | 0.11 | -0.07:0.28 | -0.06 | -0.21:0.10 | 0.09 | -0.19:0.37 | -0.17 | -0.31:-0.02 | 0.08 | -0.12:0.28 |
| IDL-TG\_% | 0.05 | -0.19:0.29 | -0.08 | -0.23:0.06 | -0.02 | -0.09:0.06 | -0.18 | -0.34:-0.02 | 0.06 | -0.11:0.22 | -0.01 | -0.27:0.25 | 0.18 | 0.04:0.32 | -0.02 | -0.20:0.15 |
| L-LDL-PL\_% | -0.22 | -0.48:0.04 | -0.11 | -0.26:0.05 | -0.02 | -0.1:0.07 | 0.20 | 0.05:0.36 | 0.02 | -0.15:0.19 | -0.09 | -0.36:0.18 | -0.11 | -0.27:0.05 | -0.05 | -0.24:0.14 |
| L-LDL-C\_% | 0.12 | -0.12:0.37 | 0.08 | -0.07:0.23 | 0.02 | -0.06:0.1 | -0.05 | -0.20:0.10 | -0.03 | -0.19:0.13 | 0.05 | -0.20:0.31 | 0.00 | -0.15:0.15 | 0.08 | -0.10:0.26 |
| L-LDL-CE\_% | 0.24 | -0.01:0.50 | 0.09 | -0.07:0.24 | 0.02 | -0.07:0.1 | -0.12 | -0.27:0.02 | -0.01 | -0.17:0.16 | 0.10 | -0.17:0.36 | 0.11 | -0.05:0.28 | 0.05 | -0.13:0.24 |
| L-LDL-FC\_% | -0.33 | -0.61:-0.06 | -0.07 | -0.22:0.07 | 0.02 | -0.06:0.1 | 0.24 | 0.07:0.40 | -0.04 | -0.20:0.13 | 0.04 | -0.23:0.30 | -0.25 | -0.41:-0.10 | 0.02 | -0.17:0.21 |
| L-LDL-TG\_% | -0.03 | -0.27:0.21 | -0.05 | -0.19:0.09 | -0.02 | -0.10:0.06 | -0.14 | -0.30:0.02 | 0.00 | -0.17:0.16 | -0.01 | -0.26:0.25 | 0.08 | -0.07:0.22 | -0.02 | -0.19:0.15 |
| M-LDL-PL\_% | -0.16 | -0.41:0.09 | -0.12 | -0.28:0.03 | -0.03 | -0.12:0.06 | 0.18 | 0.02:0.33 | 0.00 | -0.16:0.17 | -0.06 | -0.33:0.21 | -0.04 | -0.20:0.11 | -0.08 | -0.27:0.11 |
| M-LDL-C\_% | 0.08 | -0.16:0.32 | 0.10 | -0.04:0.25 | 0.04 | -0.04:0.12 | -0.08 | -0.24:0.08 | -0.04 | -0.20:0.12 | 0.06 | -0.20:0.33 | 0.01 | -0.14:0.16 | 0.08 | -0.10:0.26 |
| M-LDL-CE\_% | 0.15 | -0.09:0.38 | 0.15 | -0.01:0.30 | 0.04 | -0.05:0.13 | -0.13 | -0.27:0.02 | -0.04 | -0.20:0.12 | 0.09 | -0.24:0.42 | 0.10 | -0.06:0.27 | 0.07 | -0.12:0.26 |
| M-LDL-FC\_% | -0.35 | -0.61:-0.08 | -0.10 | -0.25:0.06 | -0.02 | -0.11:0.07 | 0.16 | 0.00:0.31 | 0.00 | -0.18:0.17 | -0.03 | -0.30:0.23 | -0.15 | -0.32:0.01 | -0.07 | -0.26:0.12 |
| M-LDL-TG\_% | -0.02 | -0.26:0.23 | -0.06 | -0.21:0.08 | -0.02 | -0.10:0.07 | -0.09 | -0.25:0.07 | -0.05 | -0.22:0.12 | -0.04 | -0.30:0.22 | 0.10 | -0.05:0.26 | 0.00 | -0.19:0.18 |
| S-LDL-PL\_% | -0.17 | -0.43:0.08 | -0.12 | -0.27:0.03 | -0.05 | -0.13:0.04 | 0.15 | 0.00:0.31 | 0.01 | -0.15:0.17 | -0.04 | -0.30:0.22 | -0.08 | -0.24:0.08 | -0.09 | -0.28:0.10 |
| S-LDL-C\_% | 0.05 | -0.18:0.29 | 0.09 | -0.05:0.24 | 0.05 | -0.03:0.13 | -0.04 | -0.19:0.12 | 0.00 | -0.17:0.16 | 0.02 | -0.23:0.27 | 0.00 | -0.15:0.15 | 0.10 | -0.09:0.29 |
| S-LDL-CE\_% | 0.10 | -0.13:0.34 | 0.08 | -0.07:0.23 | 0.04 | -0.05:0.12 | -0.09 | -0.23:0.06 | -0.03 | -0.19:0.13 | 0.06 | -0.25:0.38 | 0.11 | -0.08:0.29 | 0.09 | -0.11:0.28 |
| S-LDL-FC\_% | -0.29 | -0.56:-0.02 | -0.02 | -0.17:0.13 | 0.00 | -0.09:0.09 | 0.14 | -0.01:0.30 | -0.01 | -0.18:0.16 | 0.03 | -0.24:0.30 | -0.17 | -0.33:-0.01 | -0.06 | -0.26:0.13 |
| S-LDL-TG\_% | 0.09 | -0.15:0.32 | -0.01 | -0.15:0.14 | -0.02 | -0.10:0.06 | -0.15 | -0.31:0.01 | 0.02 | -0.14:0.19 | -0.05 | -0.31:0.21 | 0.20 | 0.05:0.35 | -0.05 | -0.24:0.13 |
| XL-HDL-PL\_% | -0.52 | -0.94:-0.10 | -0.10 | -0.25:0.05 | -0.05 | -0.13:0.04 | -0.02 | -0.17:0.13 | -0.03 | -0.19:0.14 | 0.00 | -0.27:0.27 | -0.05 | -0.23:0.12 | -0.01 | -0.22:0.20 |
| XL-HDL-C\_% | 0.30 | 0.01:0.60 | 0.20 | 0.03:0.36 | 0.11 | 0.02:0.20 | -0.09 | -0.25:0.07 | 0.23 | 0.06:0.41 | 0.07 | -0.22:0.36 | 0.02 | -0.17:0.20 | 0.02 | -0.18:0.22 |
| XL-HDL-CE\_% | 0.33 | 0.03:0.62 | 0.10 | -0.1:0.29 | 0.11 | 0.02:0.20 | -0.09 | -0.25:0.07 | 0.29 | -0.07:0.66 | 0.08 | -0.21:0.37 | 0.03 | -0.16:0.21 | 0.01 | -0.18:0.19 |
| XL-HDL-FC\_% | -0.02 | -0.27:0.23 | 0.02 | -0.12:0.17 | 0.01 | -0.08:0.09 | 0.00 | -0.16:0.16 | 0.12 | -0.06:0.29 | 0.04 | -0.24:0.33 | -0.10 | -0.24:0.04 | 0.09 | -0.09:0.28 |
| XL-HDL-TG\_% | 0.17 | -0.08:0.43 | 0.17 | 0.01:0.32 | 0.03 | -0.05:0.11 | -0.18 | -0.34:-0.02 | 0.15 | -0.02:0.32 | -0.01 | -0.27:0.25 | 0.31 | 0.15:0.47 | -0.04 | -0.23:0.14 |
| L-HDL-PL\_% | -0.08 | -0.32:0.16 | 0.00 | -0.15:0.15 | -0.03 | -0.11:0.05 | 0.03 | -0.14:0.19 | 0.01 | -0.15:0.18 | -0.14 | -0.34:0.06 | 0.09 | -0.07:0.24 | 0.14 | -0.04:0.32 |
| L-HDL-C\_% | -0.03 | -0.28:0.21 | -0.08 | -0.23:0.08 | 0.00 | -0.08:0.08 | 0.09 | -0.09:0.26 | -0.06 | -0.21:0.10 | 0.28 | -0.33:0.90 | -0.12 | -0.27:0.02 | -0.06 | -0.25:0.12 |
| L-HDL-CE\_% | 0.06 | -0.18:0.30 | -0.07 | -0.23:0.09 | -0.01 | -0.09:0.08 | 0.01 | -0.15:0.18 | -0.01 | -0.17:0.15 | 0.22 | -0.30:0.74 | -0.07 | -0.21:0.08 | -0.08 | -0.26:0.11 |
| L-HDL-FC\_% | -0.17 | -0.45:0.11 | -0.11 | -0.26:0.03 | 0.00 | -0.08:0.08 | 0.15 | -0.03:0.33 | -0.10 | -0.25:0.05 | 0.27 | -0.24:0.79 | -0.16 | -0.31:-0.02 | -0.01 | -0.19:0.17 |
| L-HDL-TG\_% | 0.06 | -0.18:0.30 | 0.13 | -0.02:0.29 | 0.02 | -0.06:0.10 | -0.13 | -0.29:0.03 | 0.11 | -0.06:0.27 | -0.03 | -0.31:0.24 | 0.13 | -0.03:0.29 | -0.06 | -0.24:0.13 |
| M-HDL-PL\_% | -0.32 | -0.62:-0.03 | 0.08 | -0.06:0.22 | 0.03 | -0.05:0.11 | -0.06 | -0.21:0.10 | -0.01 | -0.17:0.15 | 0.08 | -0.19:0.34 | -0.02 | -0.17:0.12 | -0.03 | -0.21:0.14 |
|  | LUMINA | | NESDA-1 | | NTR | | ERF | | RS | | TMS | | LifeLines | | NESDA-2 | |
|  | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI | Β | CI |
| M-HDL-C\_% | -0.03 | -0.29:0.22 | -0.13 | -0.28:0.02 | -0.02 | -0.10:0.06 | 0.16 | -0.01:0.32 | -0.05 | -0.21:0.11 | -0.06 | -0.32:0.20 | -0.16 | -0.31:-0.02 | 0.04 | -0.15:0.22 |
| M-HDL-CE\_% | -0.02 | -0.27:0.23 | -0.11 | -0.26:0.04 | 0.00 | -0.08:0.08 | 0.17 | 0.00:0.33 | -0.09 | -0.25:0.07 | -0.04 | -0.30:0.22 | -0.21 | -0.36:-0.07 | 0.02 | -0.16:0.21 |
| M-HDL-FC\_% | -0.03 | -0.28:0.21 | -0.20 | -0.35:-0.04 | -0.06 | -0.14:0.02 | -0.02 | -0.17:0.14 | 0.09 | -0.07:0.25 | -0.11 | -0.38:0.17 | 0.12 | -0.03:0.27 | 0.05 | -0.16:0.25 |
| M-HDL-TG\_% | 0.20 | -0.05:0.45 | 0.16 | 0.01:0.32 | 0.03 | -0.05:0.11 | -0.13 | -0.29:0.02 | 0.07 | -0.10:0.23 | -0.01 | -0.26:0.25 | 0.29 | 0.14:0.45 | 0.02 | -0.16:0.20 |
| S-HDL-PL\_% | -0.22 | -0.50:0.05 | -0.07 | -0.22:0.08 | -0.06 | -0.15:0.02 | 0.17 | 0.00:0.33 | 0.02 | -0.14:0.18 | -0.24 | -0.49:0.02 | 0.01 | -0.15:0.17 | -0.09 | -0.28:0.09 |
| S-HDL-C\_% | 0.09 | -0.15:0.34 | -0.02 | -0.18:0.13 | 0.05 | -0.04:0.13 | -0.11 | -0.27:0.05 | -0.03 | -0.19:0.13 | 0.16 | -0.12:0.45 | -0.10 | -0.26:0.06 | 0.13 | -0.06:0.32 |
| S-HDL-CE\_% | 0.14 | -0.11:0.38 | 0.00 | -0.16:0.15 | 0.06 | -0.03:0.14 | -0.10 | -0.25:0.06 | -0.01 | -0.18:0.15 | 0.14 | -0.15:0.44 | -0.07 | -0.23:0.08 | 0.15 | -0.05:0.34 |
| S-HDL-FC\_% | -0.35 | -0.63:-0.07 | -0.20 | -0.35:-0.06 | -0.08 | -0.16:0.00 | -0.04 | -0.20:0.12 | -0.07 | -0.22:0.09 | -0.05 | -0.29:0.19 | -0.06 | -0.20:0.08 | -0.13 | -0.31:0.05 |
| S-HDL-TG\_% | 0.33 | 0.06:0.60 | 0.20 | 0.05:0.35 | 0.04 | -0.04:0.12 | -0.15 | -0.31:0.01 | 0.06 | -0.10:0.22 | 0.06 | -0.19:0.30 | 0.27 | 0.12:0.41 | -0.04 | -0.22:0.14 |
| TG/PG | 0.23 | -0.05:0.50 | 0.18 | 0.02:0.34 | 0.08 | -0.01:0.16 | -0.13 | -0.29:0.04 | 0.08 | -0.08:0.24 | 0.05 | -0.20:0.30 | 0.28 | 0.12:0.43 | -0.08 | -0.28:0.11 |
| DHA/FA | -0.04 | -0.30:0.21 | -0.24 | -0.4:-0.09 | -0.01 | -0.09:0.07 | -0.04 | -0.20:0.13 | -0.01 | -0.17:0.16 | -0.06 | -0.32:0.19 | -0.11 | -0.26:0.04 | -0.06 | -0.24:0.12 |
| LA/FA | -0.03 | -0.28:0.21 | -0.01 | -0.15:0.14 | 0.03 | -0.05:0.11 | 0.15 | -0.02:0.32 | -0.15 | -0.31:0.01 | 0.18 | -0.07:0.43 | -0.19 | -0.33:-0.04 | 0.23 | 0.04:0.42 |
| FAw3/FA | -0.32 | -0.57:-0.08 | -0.28 | -0.44:-0.13 | -0.02 | -0.10:0.06 | 0.02 | -0.14:0.18 | 0.01 | -0.16:0.17 | -0.16 | -0.42:0.10 | -0.20 | -0.36:-0.04 | -0.05 | -0.23:0.13 |
| FAw6/FA | -0.03 | -0.27:0.22 | -0.01 | -0.15:0.14 | 0.03 | -0.05:0.11 | 0.11 | -0.05:0.28 | -0.14 | -0.30:0.02 | 0.11 | -0.14:0.37 | -0.18 | -0.33:-0.04 | 0.18 | -0.01:0.37 |
| PUFA/FA | -0.10 | -0.34:0.15 | -0.06 | -0.21:0.08 | 0.03 | -0.05:0.11 | 0.12 | -0.05:0.29 | -0.13 | -0.29:0.02 | 0.08 | -0.17:0.34 | -0.23 | -0.37:-0.08 | 0.14 | -0.04:0.33 |
| MUFA/FA | 0.22 | -0.03:0.47 | 0.03 | -0.11:0.18 | -0.06 | -0.14:0.02 | -0.14 | -0.31:0.02 | 0.19 | 0.03:0.35 | -0.14 | -0.39:0.11 | 0.25 | 0.10:0.39 | -0.06 | -0.24:0.12 |
| SFA/FA | -0.26 | -0.51:0.00 | 0.05 | -0.1:0.19 | 0.06 | -0.01:0.14 | 0.03 | -0.13:0.19 | -0.08 | -0.24:0.08 | 0.13 | -0.14:0.39 | -0.08 | -0.22:0.06 | -0.11 | -0.28:0.07 |
| ApoB/ApoA1 | 0.47 | 0.17:0.77 | 0.24 | 0.08:0.4 | 0.09 | 0.00:0.17 | -0.19 | -0.35:-0.03 | 0.08 | -0.08:0.24 | 0.12 | -0.13:0.37 | 0.24 | 0.09:0.40 | 0.07 | -0.11:0.26 |

Abbreviations: B=Beta coefficient, CI=Confidence interval, ERF=Erasmus Rucphen Family study, LUMINA=Leiden University Migraine Neuro-Analysis, NESDA=Netherlands Study of Depression and Anxiety, NTR=Netherlands Twin Registry, RS=Rotterdam Study, TMS=The Maastricht Study. All metabolite abbreviations can be found in e-tables 1 and 2.