**human reproduction** | **SUPPLEMENTARY DATA**

**Supplementary Table SI** Fecundability odds ratio of ultrasound-confirmed pregnancy by maternal lipid levels.

|  | Ultrasound-confirmed pregnancy FOR (95% CI) | Model 1 Ultrasound-confirmed pregnancy FOR (95% CI)[a] | Model 2 Ultrasound-confirmed pregnancy FOR (95% CI)[b] | Model 3 Ultrasound-confirmed pregnancy FOR (95% CI)[c] | Model 4 Ultrasound-confirmed pregnancy FOR (95% CI)[d] |
|---|---|---|---|---|---|
| Total cholesterol (mg/dl) |  |  |  |  |  |
| <200 | Reference | Reference | Reference | Reference | Reference |
| ≥200 | 0.69 (0.53, 0.89)[e] | 0.69 (0.53, 0.90)[e] | 0.71 (0.55, 0.93)[e] | 0.81 (0.62, 1.05) | 0.75 (0.53, 1.07) |
| LDL-C calculated (mg/dl) |  |  |  |  |  |
| <130 | Reference | Reference | Reference | Reference | Reference |
| ≥130 | 0.66 (0.47, 0.92)[e] | 0.60 (0.40, 0.89)[e] | 0.64 (0.43, 0.96)[e] | 0.68 (0.45, 1.02) | 0.66 (0.44, 0.99)[e] |
| HDL-C (mg/dl) |  |  |  |  |  |
| <50 | 0.81 (0.69, 0.96)[e] | 0.80 (0.68, 0.95)[e] | 0.80 (0.68, 0.95)[e] | 0.90 (0.75, 1.07) | 0.82 (0.69, 0.98)[e] |
| ≥50 | Reference | Reference | Reference | Reference | Reference |
| Triglycerides (mg/dl) |  |  |  |  |  |
| <150 | Reference | Reference | Reference | Reference | Reference |
| ≥150 | 0.78 (0.65, 0.95)[e] | 0.82 (0.66, 1.01) | 0.79 (0.64, 0.97)[e] | 0.89 (0.72, 1.11) | 0.85 (0.69, 1.05) |

FOR, fecundability odds ratio; LDL-C, low-density lipoprotein cholesterol; HDL-C, high-density lipoprotein cholesterol. FOR < 1.0 indicates reduced fecundability.
[a]Model 1: adjusted for age, race, education, alcohol use, total cholesterol (excluding total cholesterol model).
[b]Model 2: model 1 plus fasting status and total serum-free fatty acid.
[c]Model 3: model 1 plus BMI.
[d]Model 4: model 1 plus waist–hip ratio.
[e]$P$-value < 0.05.