Supplement table 4. Childhood and adolescence fasting plasma insulin, total cholesterol, low-density lipoprotein (LDL) cholesterol, high-density lipoprotein (HDL) cholesterol and triglyceride levels at the age of 9 to 15 (1980–1986) and associated the risk of later development of any non-affective psychosis\(^a\) or affective disorders\(^b\) up to the end of 2018. RR=Risk ratio; CI=confidence interval. *log-transformed in analyses.

| Childhood and adolescent lipid and insulin levels (age range 9-15 years) | Risk of any non-affective psychosis (DSM IV 295, 297, 298) | Risk of affective disorders (DSM IV 296, 300, 311) |
|---|---|---|
| | Univariate | Multivariate** | Univariate | Multivariate** |
| | RR (95%CI) | P | RR (95%CI) | P | RR (95%CI) | P | RR (95%CI) | P |
| 1-unit lower insulin* | 1.32 (0.8–2.1) | 0.246 | 1.29 (0.8–2.2) | 0.329 | 0.82 (0.6–1.2) | 0.255 | 0.80 (0.6–1.1) | 0.210 |
| 1-unit lower total cholesterol | 1.34 (0.98–1.8) | 0.068 | 1.24 (0.9–1.7) | 0.174 | 1.01 (0.8–1.2) | 0.893 | 1.04 (0.8–1.3) | 0.682 |
| 1-unit lower LDL cholesterol | 1.39 (1.03–1.9) | 0.034 | 1.33 (0.98–1.8) | 0.065 | 1.03 (0.8–1.3) | 0.813 | 1.06 (0.8–1.3) | 0.622 |
| 1-unit lower HDL cholesterol | 0.92 (0.4–2.3) | 0.856 | 0.70 (0.3–1.7) | 0.440 | 0.94 (0.6–1.5) | 0.794 | 0.97 (0.6–1.6) | 0.914 |
| 1-unit lower triglyceride* | 1.31 (0.8–2.1) | 0.284 | 1.34 (0.8–2.2) | 0.268 | 1.007 (0.7–1.5) | 0.972 | 1.02 (0.7–1.5) | 0.918 |

\(^a\) DSM-IV diagnosis 295, 297 and 298

\(^b\) DSM-IV diagnoses 296, 300, 311

**All multivariate analyses include sex, age, BMI underweight vs higher, low (<2500g) birthweight, physical activity index, and mother’s mental disorders.