

Figure 1 Flowchart of the study and participant selections

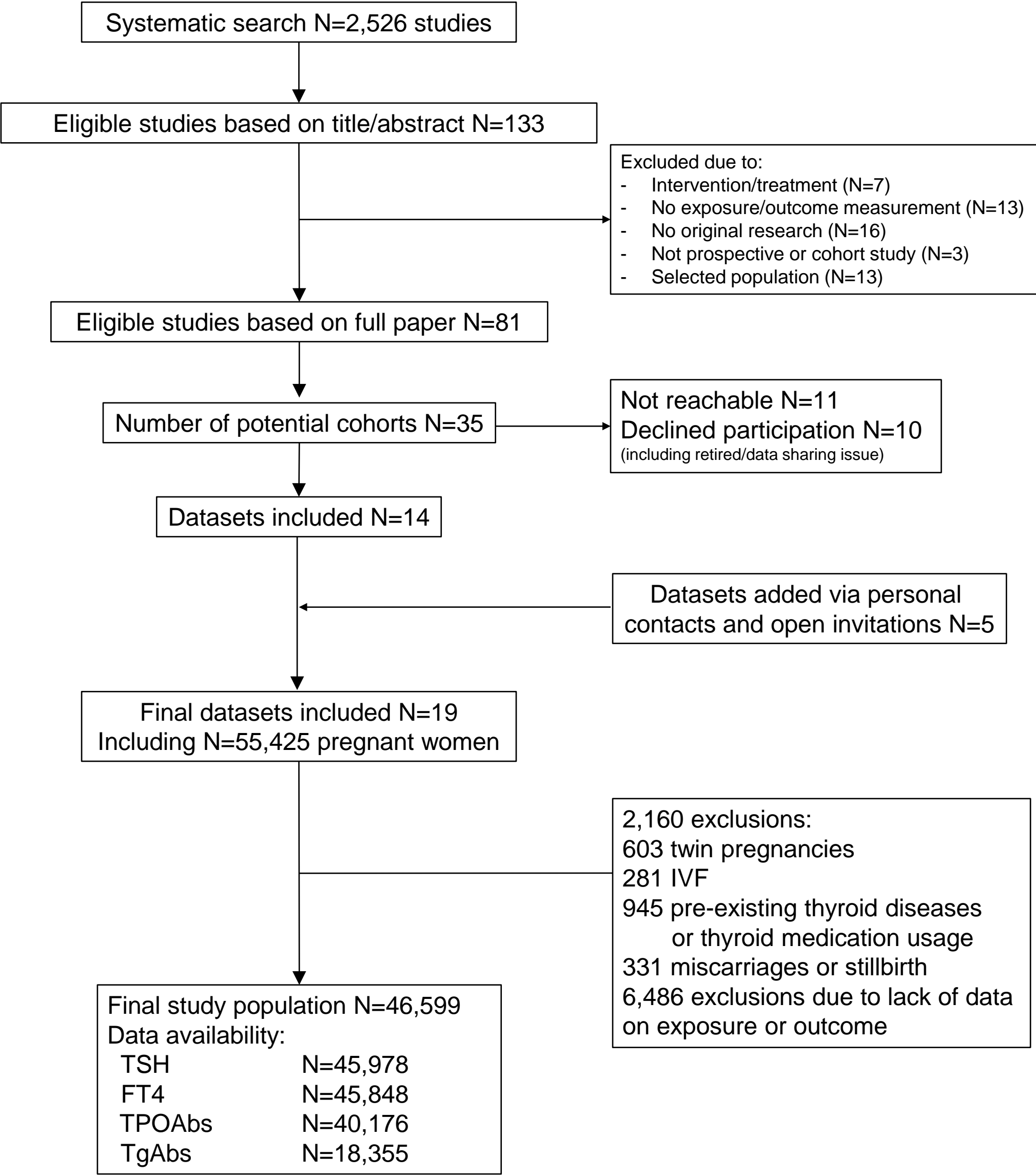
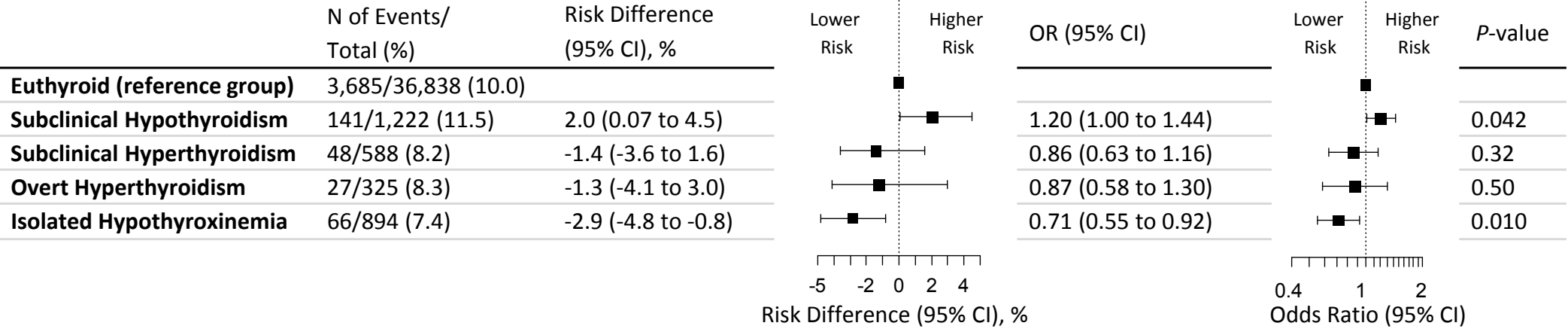
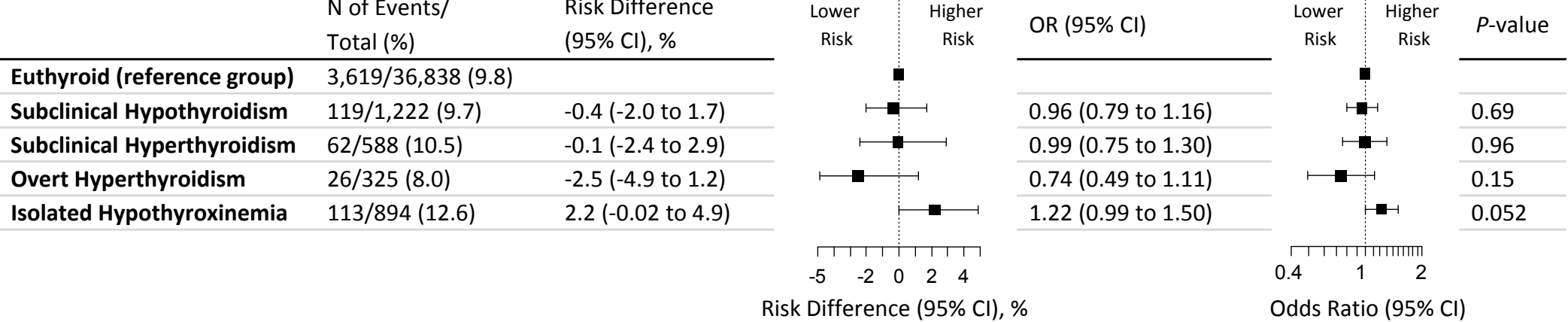


Figure 2

A Small for Gestational Age



B Large for Gestational Age



C Birth Weight (gr)

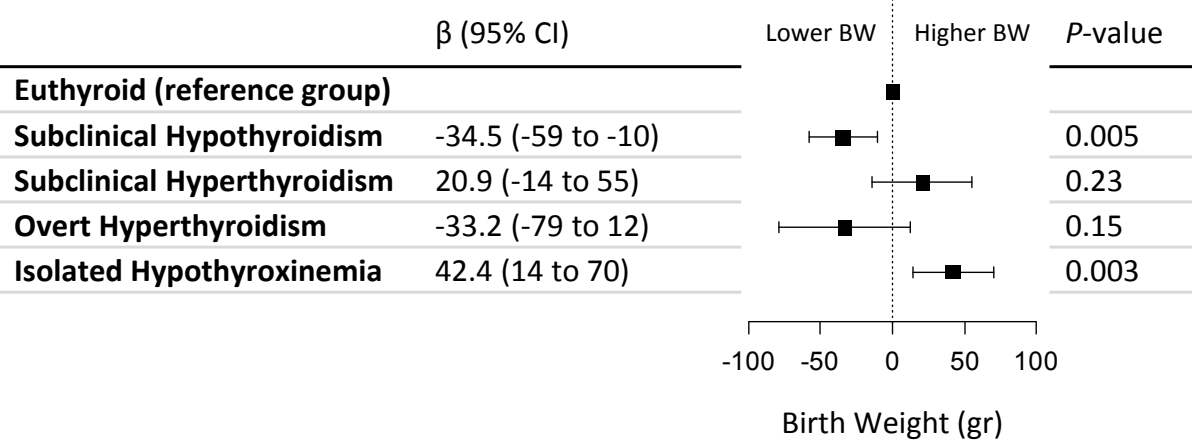


Figure 3A

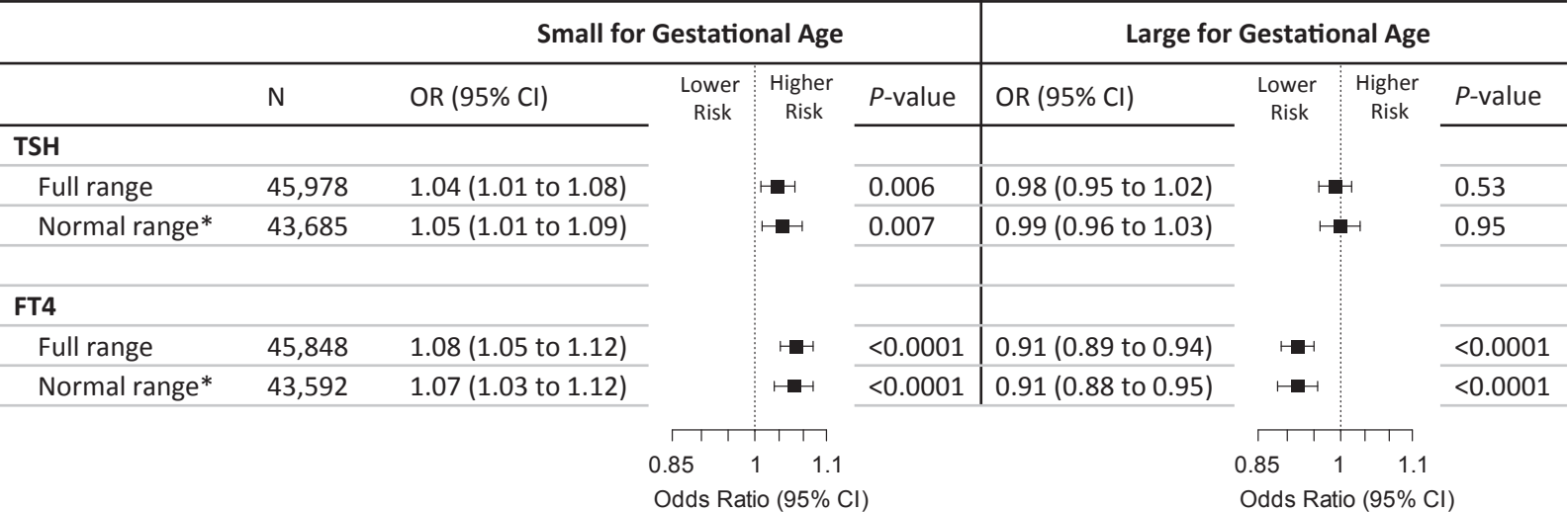
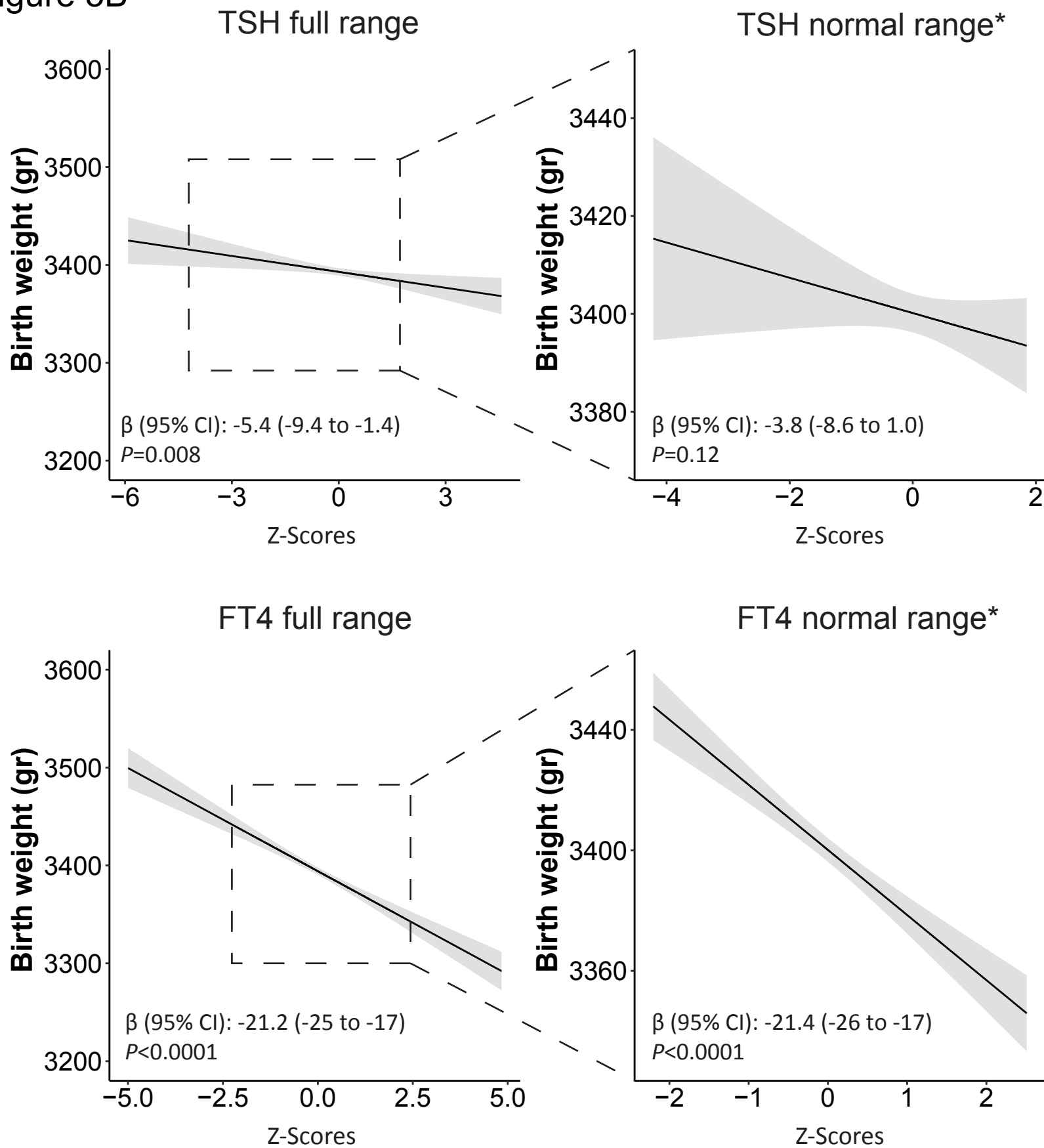


Figure 3B



FT4

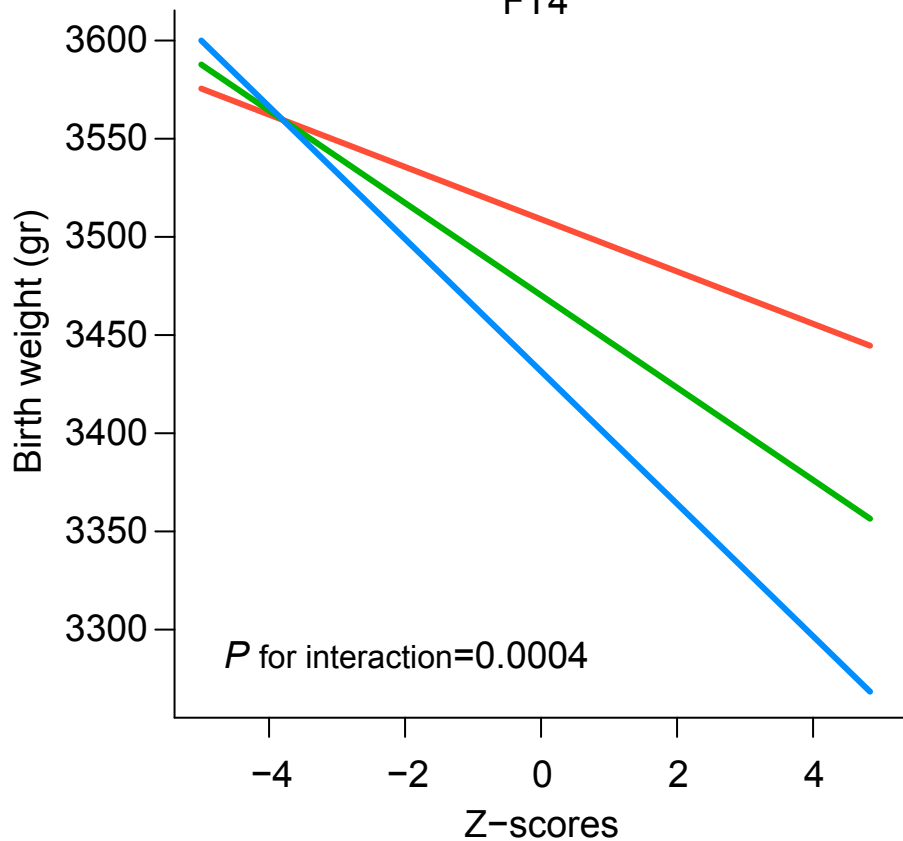


Figure 4

Gestational age at the time of blood sampling

6 weeks

18 weeks

30 weeks

Figure 1. Flowchart of the study and population selection.

Figure 2. Association of thyroid function test abnormalities with small or large for gestational age and birth weight.

All analyses were adjusted for maternal age, BMI, ethnicity, smoking, parity, gestational age at blood sampling, fetal sex and gestational age at birth (for birth weight only). Risk differences and 95% CIs were back-calculated from the results of multivariable models and adjusted for baseline risk imprecision.

Figure 3. Association of TSH and FT4 concentrations with small or large for gestational age and birth weight.

Figures show the association of maternal TSH and FT4 in full range (left panels) or within the normal range (2.5th-97.5th percentiles) with small or large for gestational age and birth weight (grams). All analyses were adjusted for maternal age, BMI, ethnicity, smoking, parity, gestational age at blood sampling, fetal sex and gestational age at birth (for birth weight only).

* Normal range (2.5th-97.5th percentiles) is defined based on cohort-specific absolute measurements of TSH or FT4, which in the standardized data corresponds to TSH Z-score range of -4.2 to 1.8 and FT4 Z-score range of -2.2 to 2.5.

Figure 4. Association of FT4 Z-scores with birth weight according to gestational age at the time of sampling.

Figure shows the association of FT4 Z-scores with birth weight (grams) stratified by gestational age at the time of sampling. The analysis was adjusted for maternal age, BMI, ethnicity, smoking, parity, gestational age at blood sampling and fetal sex and gestational age at birth.