Supplemental Material

Perfluoroalkyl Acids in Maternal Serum and Indices of Fetal Growth:
The Aarhus Birth Cohort

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Figure S1. Directed acyclic graph illustrating the association between perfluoroalkyl acid (PFAA) exposure and birth weight. The figure also applies to the outcomes birth length and head circumference at birth. In the main analyses we conditioned on the variables marked with white circles. According to this graph it was not necessary to condition on the variables marked with grey circles. Figure made by use of daggity.net (Textor et al. 2011).

Figure S2. Directed acyclic graph illustrating the association between perfluoroalkyl acid (PFAA) exposure and preterm birth. The illustration also applies to the continuous gestational age outcome. In the main analyses we conditioned on the variables marked with white circles. According to this graph it was not necessary to condition on the variables marked with grey circles. Figure made by use of daggity.net (Textor et al. 2011).

Figure S3. Restricted cubic splines with pre-specified knots according to quartile boundaries of PFAAs. Illustrates the association between individual PFAAs and birth weight, adjusted for maternal pre-pregnancy body mass index, educational level, and age. The shading indicates 95% confidence intervals. See PFAA abbreviations in Table 1 in the main document.

Table S1. Perfluoroalkyl acid abbreviations, limits of quantification (LOQ), and levels above the
LOQ for compounds not included in the study of 1507 women from the Aarhus Birth Cohort, 2008-2013.

**Table S2.** Pearson’s correlations for perfluoroalkyl acids in 1507 women from the Aarhus Birth Cohort, 2008-2013.

**Table S3.** Levels of perfluoroalkyl acids, birth length (n= 1499) and head circumference at birth (n=1494) in the Aarhus Birth Cohort, 2008-2013.

**Table S4.** Levels of perfluoroalkyl acids and gestational length at birth or preterm birth in 1507 children from the Aarhus Birth Cohort, 2008-2013.

**References**