

Supplementary material

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Supplementary Table 1. Smoothing functions for median (μ), coefficient of variation (σ), and skewness (λ) used to derive reference equations for fetal biometry according to gestational age

Abdominal circumference	
$\mu(\text{GA})$	$-9.67592919 + 1.27599572 \times \text{GA} - 0.00011240 \times \text{GA}^3$
$\sigma(\text{GA})$	$-2.65372675 - 0.01378611 \times \text{GA}$
$\lambda(\text{GA})$	-0.20107911
Head circumference	
$\mu(\text{GA})$	$-5.22260453 + 0.75749674 \times \text{GA} + 0.03059762 \times \text{GA}^2 - 0.000642244 \times \text{GA}^3$
$\sigma(\text{GA})$	$-2.18218446 - 0.04131363 \times \text{GA}$
$\lambda(\text{GA})$	$6.55979294 - 0.22558751 \times \text{GA}$
Biparietal diameter (outer to inner)	
$\mu(\text{GA})$	$-1.32598264 + 0.20385472 \times \text{GA} + 0.00797103 \times \text{GA}^2 - 0.00016003 \times \text{GA}^3$
$\sigma(\text{GA})$	$-2.03312605 - 0.03847377 \times \text{GA}^3$
$\lambda(\text{GA})$	2.45191633
Femur length	
$\mu(\text{GA})$	$-3.36012997 + 0.340450504 \times \text{GA} - 0.000048407 \times \text{GA}^3$
$\sigma(\text{GA})$	$-2.13924086 - 0.03249961 \times \text{GA}$
$\lambda(\text{GA})$	-0.65611989

Abbreviation: GA = gestational age

Supplementary Table 2. Smoothing functions for median (μ), coefficient of variation (σ), and skewness (λ) used to derive reference equations for estimated fetal weight according to gestational age

Estimated fetal weight

$$\mu(\text{GA}) \quad 0.53506422 + 0.33308619 \times \text{GA} - 0.00361885 \times \text{GA}^2$$

$$\sigma(\text{GA}) \quad -3.42743825 - 0.02714572 \times \text{GA}$$

$$\lambda(\text{GA}) \quad 0.656119889$$

Abbreviation: GA = gestational age