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Supplementary material

Supplement to: F Liu, J Lu, AHW Kwan, et al. Consolidated and updated ultrasonographic fetal biometry and estimated fetal weight references for the Hong Kong Chinese population. Hong Kong Med J 2024;Epub 16 Dec 2024. https://doi.org/10.12809/hkmj2310910.

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	
μ(GA)	$-9.67592919 + 1.27599572 \times GA - 0.00011240 \times GA^3$
σ(GA)	$-2.65372675 - 0.01378611 \times GA$
λ(GA)	-0.20107911
Head circumference	
μ(GA)	$-5.22260453 + 0.75749674 \times GA + 0.03059762 \times GA^2 - 0.000642244 \times GA^3$
σ(GA)	$-2.18218446 - 0.04131363 \times GA$
λ(GA)	$6.55979294 - 0.22558751 \times GA$
Biparietal diameter (outer to inner)	
μ(GA)	$-1.32598264 + 0.20385472 \times GA + 0.00797103 \times GA^2 - 0.00016003 \times GA^3$
σ(GA)	$-2.03312605 - 0.03847377 \times GA^3$
λ(GA)	2.45191633
Femur length	
μ(GA)	$-3.36012997 + 0.340450504 \times GA - 0.000048407 \times GA^3$
σ(GA)	$-2.13924086 - 0.03249961 \times GA$
λ(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	
μ(GA)	$0.53506422 + 0.33308619 \times GA - 0.00361885 \times GA^2$
σ(GA)	$-3.42743825 - 0.02714572 \times GA$
λ(GA)	0.656119889

Abbreviation: GA = gestational age