**Table S1** Equations for parameters and computation of *Z*-scores and centiles for estimated fetal weight according to gestational age

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| **Skewness** |
| λ(GA) = 9.43643 + 9.41579\*(GA/10)-2 - 83.54220 \* log(GA/10)\*(GA/10)-2 |
| **Mean** |
| μ(GA) = -2.42272 + 1.86478\*GA0.5 - 1.93299e-5 \* GA3 |
| **Coefficient of variation** |
| σ(GA) = 0.0193557 + 0.0310716 \* (GA/10)-2 - 0.0657587 \* log(GA/10)\*(GA/10)-2 |
| **Z-score**  Y=log(EFW) |
| If λ(GA)=0, Z(GA) = σ(GA)-1 × log[Y/μ(GA)]  If λ(GA)≠0, Z(GA) = [σ(GA) × λ(GA)]-1 × [(Y/μ(GA))λ(GA) − 1] |
| **Centiles**  Zα defined by Pr(z ≤ Zα)=α for z ~ N(0,1), i.e. Zα = Φ-1(α)  If λ(GA)=0, log[Cα(GA)] = μ(GA) × exp[σ(GA) × Zα]  If λ(GA)≠0, log[Cα(GA)] = μ(GA) × [Zα × σ(GA) × λ(GA) +1]1/λ(GA) |

GA is for gestational age, in exact weeks; EFW: estimated fetal weight in g. The log function denotes the natural logarithm (base e).

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