PLOS ONE

CORRECTION

Correction: Maternal Glomerular Filtration Rate in Pregnancy and Fetal Size

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There are errors in the last sentence of the Results section. The correct sentence is: For the CG-based estimate, e.g., the $\chi^2_{2\ d.f.}$ is 3.38 (p = 0.18).

There are errors in Table 3. Please see the corrected Table 3 here.

Citation: Morken N-H, Travlos GS, Wilson RE, Eggesbø M, Longnecker MP (2015) Correction: Maternal Glomerular Filtration Rate in Pregnancy and Fetal Size. PLoS ONE 10(6): e0130752. doi:10.1371/journal.pone.0130752

Published: June 17, 2015

Table 3. Relationship between glomerular filtration rate (GFR) in pregnancy and birth weight, estimated in three studies.

Study	n of subjects	Gestational age (wks) when GFR estimated	mean GFR (ml/min)	β g bw/GFR_{ratio}[a]	SE (β)	Partial r[b]
Gibson[2], 1973[c]	20	28	152	1603[d]	784[e]	0.44
Dunlop[4], 1981[c]	25	26	152	67[d]	535[f]	0.03
Present study, MDRD	953	18	124	101	51	0.07
Present study, CG	953	18	162	125[g]	58	0.07

[a] GFR_{ratio} is the ratio of subject i's GFR to the mean GFR. We used this metric to compare results across studies to adjust for differences in gestational week when GFR was measured.

[b] Partial r is partial correlation coefficient.

[c] measured GFR using inulin clearance.

[d]The beta and partial r for Gibson and Dunlop studies were calculated conditional on gestational age at birth, using the raw data in the original publications.

[e] Gibson had three SGA infants; their inclusion probably accounts for why that study had sufficient power to detect a birth weight-GFR relationship.

[f] The subjects in the Dunlop study had a narrow range of birth weights, and that may explain why the standard error is relatively large in that analysis.

[g] Taking the intraclass correlation coefficient (ICC) for creatinine into account gives a corrected β (SE) for the CG formula of 164 (77) (see text).

doi:10.1371/journal.pone.0130752.t001

Reference

1. Morken N-H, Travlos GS, Wilson RE, Eggesbø M, Longnecker MP (2014) Maternal Glomerular Filtration Rate in Pregnancy and Fetal Size. PLoS ONE 9(7): e101897. doi: 10.1371/journal.pone.0101897 PMID: 25003331