



CORRIGENDUM

Determinants of plasma 25-hydroxyvitamin D and development of prediction models in three US cohorts – CORRIGENDUM

Kimberly A. Bertrand, Edward Giovannucci, Yan Liu, Susan Malspeis, A. Heather Eliassen, Kana Wu, Michelle D. Holmes, Francine Laden and Diane Feskanich

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An error in data analysis occurred in this paper by Bertrand *et al.*⁽¹⁾, affecting the derivation of predicted 25-hydroxyvitamin D (25(OH)D) scores in 'test samples' used in validation analyses for the Nurses' Health Study (NHS).

On page 1891, in the second paragraph of the Results section, the reported NHS batch-adjusted Spearman correlation coefficient between predicted score and actual 25(OH)D level (0.23, 95% CI: 0.16, 0.29) and the NHS batch-, season-, and age-adjusted correlation (0.23, 95% CI: 0.16, 0.29) are incorrect. The correct age-adjusted correlation coefficient for NHS is 0.32 (95% CI: 0.25, 0.38). The correct batch-, season-, and age-adjusted correlation for NHS is 0.33 (95% CI: 0.26, 0.39). The reported difference in mean actual 25(OH)D level between extreme deciles of predicted 25(OH)D score for NHS (8.7 ng/ml (95% CI: 5.4, 11.9)) is incorrect. The correct value is 9.7 ng/ml (95% CI: 6.7, 12.7).

The following text in the last paragraph of the Results section on page 1893 should read: 'Among these 443 women, the age- and season-adjusted Spearman correlation coefficient between average measured 25(OH)D based on two blood samples and long-term average predicted 25(OH)D over the same time period was 0.35. We corrected for within-person variation in plasma 25(OH)D to obtain a deattenuated correlation coefficient of 0.43'.

Reference

1. Bertrand KA, Giovannucci E, Liu Y, *et al.* (2012) Determinants of plasma 25-hydroxyvitamin D and development of prediction models in three US cohorts. *Br J Nutr* **108**, 1889–1896, Published by Cambridge University Press, 28 November 2012, doi:10.1017/S0007114511007409.