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# Response to the Letter Regarding “Reference Values for Weight, Height, Head Circumference, and Body Mass Index in Turkish Children”

Özge Bayrak Demirel<sup>1</sup>, Feyza Darendeliler<sup>1</sup>, Ruveyde Bundak<sup>1,2</sup>

<sup>1</sup>Istanbul University, Istanbul Faculty of Medicine, Department of Pediatrics, Pediatric Endocrinology Unit, Istanbul, Türkiye

<sup>2</sup>University of Kyrenia Faculty of Medicine, Department of Pediatric Endocrinology, Kyrenia, Cyprus

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We thank the author for the careful review of our publication entitled “Reference values for weight, height, head circumference, and body mass index in Turkish children” (1) and for drawing attention to the inconsistency in the LMS parameter table for boys’ weight at 8 years of age (2).

Upon re-examination of the published material, we confirm that the M value for 8-year-old boys was incorrectly reported as 23.9 kg in the LMS parameter table. The correct median (M) value is 25.9 kg. This value is consistently reflected in the percentile tables and in the graphical growth curves presented in the same publication. It is also in agreement with the earlier reference studies based on the same dataset (2,3).

According to the LMS methodology, the 50th percentile corresponds directly to the M parameter. Therefore, use of the incorrectly printed M value for SDS calculations may lead to a deviation of up to 0.5 SD at this specific age (8 years) in boys’ weight; this applies only to weight and not to height or body mass index.

It should be emphasised that the percentile curves and graphical growth charts for all auxological parameters were generated using the correct LMS output values.

## References

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**Corresponding Author:** Prof. Feyza Darendeliler, Istanbul University, Istanbul Faculty of Medicine, Department of Pediatrics, Pediatric Endocrinology Unit, Istanbul, Türkiye  
**E-mail:** feyzad@istanbul.edu.tr **ORCID:** orcid.org/0000-0003-4786-0780

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