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CORRECTION

Correction: Cadence (steps/min) and relative intensity in 21 to 60-year-olds: the CADENCE-adults study

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Correction to: Int J Behav Nutr Phys Act 18, 27 (2021)
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Following the publication of the original article [1], the authors identified errors in the Results and Conclusions sections of the Abstract. The updated numbers are given below, and the changes have been highlighted in **bold typeface**.

The sentences currently reads:

Results:

Across all moderate intensity indicators, the segmented regression models estimated optimal cadence thresholds ranging from 123.8–127.5 (ages 21–30), 121.3–126.0 (ages 31–40), 117.7–122.7 (ages 41–50), and 113.3– 116.1 steps/min (ages 51–60). Corresponding values for vigorous intensity were 140.3–144.1, 140.2–142.6, 139.3–143.6, and 131.6–132.8 steps/min, respectively. ROC analysis estimated chronologically-arranged age groups' cadence thresholds ranging from 114.5–118, 113.5–114.5, 104.6–112.9, and 103.6–106.0 across all moderate intensity indicators, and 127.5, 121.5, 117.2–123.2, and 113.0 steps/min, respectively, for vigorous intensity

Conclusions:

Heuristic cadence thresholds corresponding to relatively-defined moderate intensity for the chronologically-arranged age groups were ≥ 120, 120, 115, and 105 steps/min, regardless of the intensity indicator (i.e., % HRmax, %HRR, or RPE).

The sentences should read:

Results:

Across all moderate intensity indicators, the segmented regression models estimated optimal cadence thresholds ranging from 123.8–127.5 (ages 21-30), **120.2**–126.0 (ages 31-40), 117.7–122.7 (ages 41-50), and 113.3–116.1 steps/min (ages 51-60). Corresponding values for vigorous intensity were 140.3–144.1, **139.6**–142.6, **138.7**–143.6, and 131.6–132.8 steps/min, respectively. ROC analysis estimated chronologically-arranged age groups' cadence thresholds ranging from 114.5–118, 113.5–114.5, 104.6–112.9, and 103.6–106.0 across all moderate intensity indicators, and **124.5**, 121.5, 117.2–**122.2**, and 113.0 steps/min, respectively, for vigorous intensity.

Conclusions:

Heuristic cadence thresholds corresponding to relatively-defined moderate intensity for the chronologically-arranged age groups were ≥ 120, 120, 115, and **110** steps/min, regardless of the intensity indicator (i.e., % HRmax, %HRR, or RPE).

The original article [1] has been corrected.

The original article can be found online at https://doi.org/10.1186/s12966-021-01096-w.

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Reference

1.   McAvoy, et al. (2021) Cadence (steps/min) and relative intensity in 21 to 60-year-olds: the CADENCE-adults study. Int J Behav Nutr Phys Act. 2021;18:27. https://doi.org/10.1186/s12966-021-01096-w.