

CORRECTION

Correction: Energy Expenditure and Substrate Oxidation in Response to Side-Alternating Whole Body Vibration across Three Commonly-Used Vibration Frequencies

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There are errors in the labelling of the x-axis of Fig 2B. The x-axis label should read “REE, NV, 40, 40, 40, NV”. There is no error with the data itself, the statistics, or the description of the results. Please see the corrected [Fig 2](#) here.



 OPEN ACCESS

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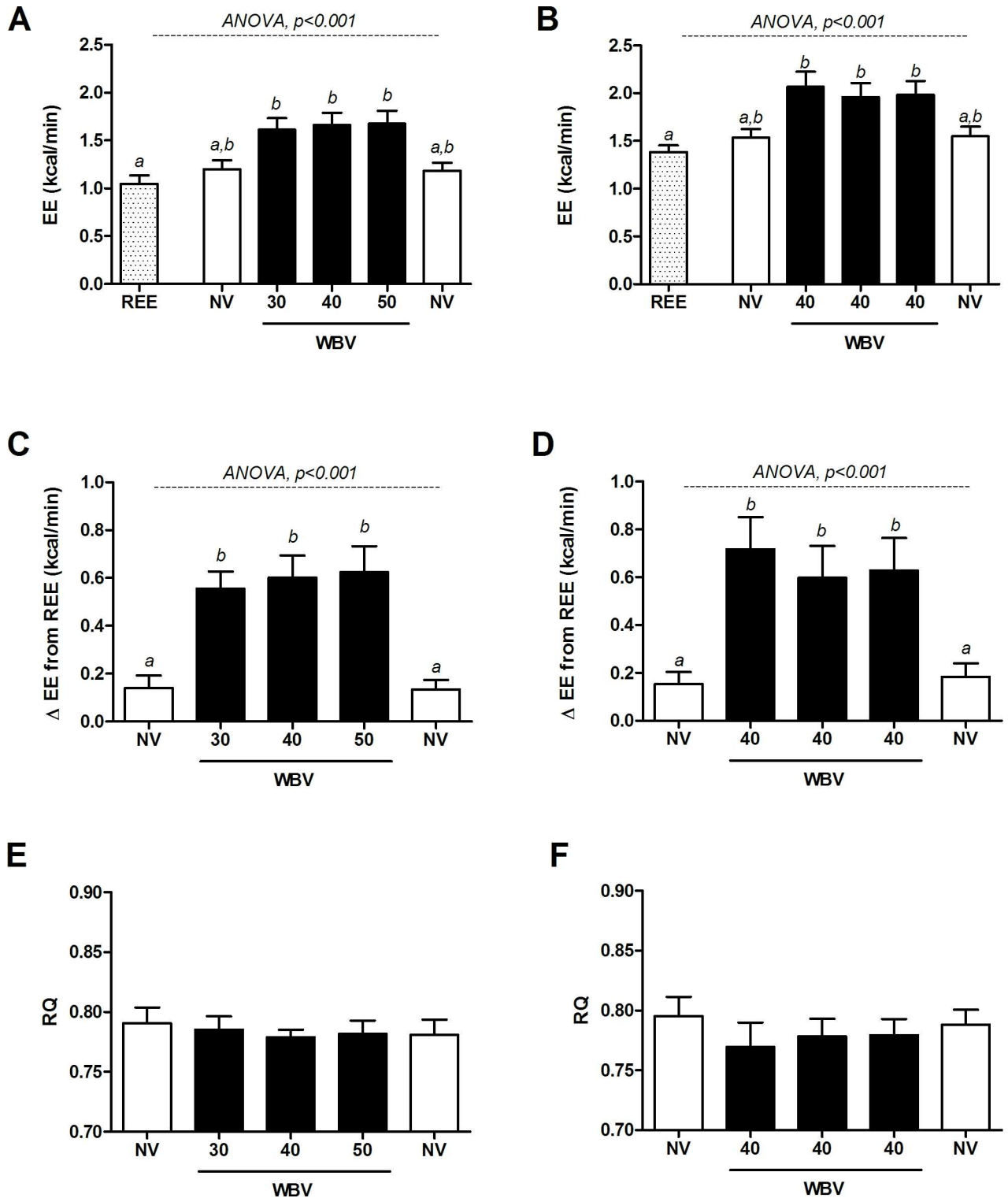


Fig 2. Effects of three frequencies of intermittent side-alternating whole-body vibration (WBV) on energy expenditure (EE) and respiratory quotient (RQ). Left-hand panels (A, C, E) show EE and RQ measured in 8 healthy, young adults across a range of vibration frequencies (30–50 Hz) compared to standing with no vibration. Right-hand panels (B, D, F) show EE and RQ measured across three consecutive vibration periods in 6 healthy, young men at a fixed frequency of 40 Hz. White bars: standing, no vibration (NV); black bars: WBV. Panels A & B: WBV frequencies not sharing letter (*a, b*) are different from one another, as assessed by repeated measures ANOVA followed by Tukey HSD All-Pairwise Comparisons Test.

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Also, the following minor corrections to [Fig 2](#) in-text citations are needed:

The second sentence of the first paragraph of the Energy Expenditure subsection in the Results should read: However, as shown in [Fig 2A and 2C](#) no statistically significant differences were observed across vibration frequencies.

The first sentence of the fifth paragraph of the Energy Expenditure subsection in the Results section should read: Within the subjects ($n = 6$) who underwent 3 consecutive vibrations periods at 40 Hz, EE also increased in response to vibration (+31%, $p < 0.001$) as compared to standing with no vibration (NV; [Fig 2D](#)).

The first sentence of the first paragraph of the Respiratory Quotient subsection of the Results section should read: WBV had no effect on RQ, with no differences found between vibration and standing NV measurements during the 30-40-50 Hz vibration protocol ($p = 0.8$; [Fig 2E](#)), or during the 40-40-40 Hz test of repeatability protocol ([Fig 2F](#)).

Reference

1. Fares E-J, Charrière N, Montani J-P, Schutz Y, Dulloo AG, Miles-Chan JL (2016) Energy Expenditure and Substrate Oxidation in Response to Side-Alternating Whole Body Vibration across Three Commonly-Used Vibration Frequencies. PLoS ONE 11(3): e0151552. doi:[10.1371/journal.pone.0151552](https://doi.org/10.1371/journal.pone.0151552) PMID: [26974147](https://pubmed.ncbi.nlm.nih.gov/26974147/)