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Correction: Impact of acute exercise on performance and physiological stress during simulated firefighter occupational tasks

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-024-81015-8>, published online 30 November 2024

The original version of this Article contained errors.

Firstly, under the Methods section, the numbers for female and male participants were switched. As a result, where:

“Forty-one individuals were enrolled in the study. Thirty-two (15 males, 17 females) participants completed all study requirements (25.19 ± 4.12 yrs., 173.78 ± 9.84 cm, 75.57 ± 13.22 kg, $23.28 \pm 7.43\%$ body fat).”

now reads,

“Forty-one individuals were enrolled in the study. Thirty-two (17 males, 15 females) participants completed all study requirements (25.19 ± 4.12 yrs., 173.78 ± 9.84 cm, 75.57 ± 13.22 kg, $23.28 \pm 7.43\%$ body fat).”

In addition, in Table 2, the results of the ‘Load’ values were incorrectly given in pounds instead of kilograms. The correct and incorrect data appear below.

Incorrect Table 2:

Resistance session	Squat	Bench	Deadlift	Bent row
Load (kg)	191.2 ± 67.0	135.2 ± 63.6	206.7 ± 73.7	109.5 ± 44.7

Correct Table 2:

Resistance session	Squat	Bench	Deadlift	Bent row
Load (kg)	86.89 ± 30.45	61.46 ± 28.90	93.96 ± 33.48	49.76 ± 20.32

The original Article has been corrected.

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