



Retraction

RETRACTED: Stein et al. The Effects of Acute Caffeine Supplementation on Performance in Trained CrossFit Athletes. *Sports* 2019, 7, 95

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All authors of the published article [1] have agreed to retract it based on the basis of a data entry error (Figure 1). After re-examination of our results for our published manuscript in *Sports*, we identified incorrectly entered data for six subjects on two variables. Specifically, the subjects who received caffeine during the first session and placebo during the second session (Session 1_Treatment = 2) were incorrectly recorded in the 'Reps_Placebo' and 'Reps_Caffeine' columns. Thus, the statistical results in our published manuscript were in inaccurate regarding caffeine's effect during CrossFit exercise. Upon correction and re-analysis, we found that rather than a significant effect of caffeine, there was a significant effect of time (i.e., a learning effect). The paper [1] will therefore be retracted. We apologize to the readers of *Sports* for any inconvenience caused.

	Session1 _Treatme nt	Reps_Cindy.1	Reps_Cindy.2	Reps_Placebo	Reps_Caffeine
1	1	214.00	240.00	214.00	240.00
2	1	581.00	611.00	581.00	611.00
3	1	458.00	485.00	458.00	485.00
4	1	431.00	456.00	431.00	456.00
5	1	510.00	611.00	510.00	611.00
6	1	460.00	458.00	460.00	458.00
7	1	423.00	421.00	423.00	421.00
8	2	339.00	300.00	339.00	300.00
9	2	373.00	372.00	373.00	372.00
10	2	512.10	467.00	512.10	467.00
11	2	486.00	460.98	486.00	460.98
12	2	473.00	374.00	473.00	374.00
13	2	533.00	474.00	533.00	474.00

Figure 1. Database for [1]. Each row represents a subject in our investigation. Session 1_Treatment represents the treatment order (1 = placebo then caffeine, 2 = caffeine then placebo). Reps_Cindy.1 and Reps_Cindy.2 represent the total number of repetitions performed during session 1 and session 2, respectively. Reps_Placebo and Reps_Caffeine represent the total number of repetitions performed during the placebo and caffeine sessions, respectively.

Reference

1. Stein, J.A.; Ramirez, M.; Heinrich, K.M. RETRACTED: The Effects of Acute Caffeine Supplementation on Performance in Trained CrossFit Athletes. *Sports* **2019**, *7*, 95. [[CrossRef](#)] [[PubMed](#)]



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