CORRECTION

Correction: The Use and Abuse of Transcranial Magnetic Stimulation to Modulate Corticospinal Excitability in Humans

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There is an error in the 10th sentence of the Abstract. The correct sentence is: Approximately 44% of respondents knew researchers who engaged in questionable research practices (range 30–81%), yet only 18% admitted to engaging in them (range 6–38%).

There is an error in the third and fourth sentences of the fifth paragraph in the Results. The correct sentences are: On average, 44% of respondents knew researchers who engaged in these practices (range 30–81%), whereas only 18% admitted to these practices (range 6–38%). About 80% of respondents knew researchers who screened their subjects to identify those that responded in a predictable way to various TMS protocols.

There are errors in Table 1. Please see the correct Table 1 here.

See S1 for the exact wording used in the online survey.

Table 1. Prevalence of questionable research practices.

| Questionable research practices                          | Others [count(%)] | Self [count(%)] |
|----------------------------------------------------------|-------------------|-----------------|
| Screen for ‘responders’ to a TMS protocol                | 38 (81)           | 18 (38)         |
| Drop data points based on a gut feeling                 | 18 (38)           | 6 (13)          |
| Exclude data after looking at impact on results         | 14 (30)           | 3 (6)           |
| Not report all experimental conditions                  | 19 (40)           | 10 (21)         |
| Selectively report outcomes                             | 23 (49)           | 5 (11)          |
| Selectively report time points                          | 14 (30)           | 5 (11)          |
| Selectively report sub-groups of subjects               | 18 (38)           | 8 (17)          |
| Reject ‘outliers’ without statistical support           | 19 (40)           | 10 (21)         |

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Reference

1. Héroux ME, Taylor JL, Gandevia SC (2015) The Use and Abuse of Transcranial Magnetic Stimulation to Modulate Corticospinal Excitability in Humans. PLoS ONE 10(12): e0144151. doi:10.1371/journal.pone.0144151 PMID: 26629998