1	Call for correction: Mid and long-term neurological and neuropsychiatric manifestations of
2	post-COVID-19 syndrome: A meta-analysis
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16	Transparency declarations
17	None to declare.
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19 Dear Editor,

20 We read with great interest the article by Lavienraj Premraj et al. recently published in your 21 journal [1]. This study reported the results of a systematic review and meta-analysis regarding the 22 prevalence of neurological and neuropsychiatric symptoms after the acute phase of COVID-19, 23 based on the National Institute for Healthcare Excellence (NICE) definition of post-acute or long 24 COVID-19 (Long COVID). Their efforts to uncover the clinical impact of the unexplained disease 25 are of great value, because the number of patients with Long COVID will definitely increase 26 during this global pandemic of the Omicron variant [2]. In particular, their results provide 27 landmark data for us because we have opened a COVID-19 aftercare clinic at our university 28 hospital in Japan [3], to which many patients with Long COVID are transferred. Not being limited 29 to us who intensively take care of such patients, they will certainly provide valuable information 30 for every healthcare worker who treats patients with Long COVID. However, upon reading the 31 manuscript, we found several concerns regarding the descriptions and number of demographic 32 characteristics (Table 1) that should be addressed for data accuracy. 33 First, the total numbers in Figure 1 (22,815) and Table 1 (11,324) differ significantly. 34 Also, the total number of "Non-hospitalized" cases (middle column in Table 1) must be 5,536, 35 but not 55,536. This number should be revised appropriately. Second, in the manuscript (3.2. 36 Baseline characteristics), the investigators wrote that "the mean age was 55 years (SD: 10)".

37	However, in Table 1, the mean age of "All Patients" was reported as "52 (10)". Additionally, in
38	the following sentence, the authors wrote that "Patients in hospitals were significantly older than
39	those in the community (58 years [SD: 8] vs. 45 years [SD: 4])". However, in Table 1, the mean
40	(SD) age of "Hospitalized" patients (right column) is noted as "58 (7)"; thus, the SDs do not agree
41	with each other. Third, although the number of hospital admission for "Non-hospitalized" cases
42	(middle column) should be zero, it was denoted as "324/4465 (7)". Given the information, we
43	were unable to determine the cause of these discrepancies. Forth, the durations of hospital
44	admission in "All patients" and "Hospitalised" patients should be identical, because "Non-
45	hospitalized" cases should not be counted; however, the numbers differ. Fifth, the ICU admission
46	numbers differ between "All patients" and "Hospitalised" patients, although they should be the
47	same. Moreover, the term "brain fog" suddenly appears at "3.3. Prevalence of post-COVID-19
48	syndrome" in the Results section, without a clear definition in the Methods section.
49	Besides these, there may be other errors in this paper. Accordingly, the data should be
50	rigorously reviewed and corrected throughout this paper. Without correction, no one should apply
51	these results to clinical practice.
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53	Conflict of Interest

54 None to declare.

56	Reference		
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