Errors in a Response Rate and in Effect Sizes in Study of Psilocybin-Assisted Therapy for Major Depressive Disorder

To the Editor

On behalf of our coauthors, we regret to report that we have discovered calculation errors in some of the reported effects in our Original Investigation, “Effects of Psilocybin-Assisted Therapy on Major Depressive Disorder: A Randomized Clinical Trial,”1 published online on November 4, 2020.

These calculation errors were detected when we began conducting analyses for a follow-up study. This resulted in a full reanalysis of all data in our study. During this process, we discovered an error in the response rate for the overall sample, which was marginally higher than reported (67% should have been 71%), and errors in several Cohen d and 95% CI values in the Abstract Results, Results section, and captions for Figures 3 and 4. There are additional corrections in eTables 1 and 2 and eFigures 1 to 9 in the Supplement. A Letter of Explanation2 has been published that explains the errors. This article was corrected online.


CORRECTION

Errors in Response Rate, Effect Sizes, and Confidence Intervals:
In the Original Investigation titled “Effects of Psilocybin-Assisted Therapy on Major Depressive Disorder: A Randomized Clinical Trial,”1 published online on November 4, 2020, there was an error in the response rate for the overall sample, which was marginally higher than reported (67% should have been 71%), and errors in several Cohen d and 95% CI values in the Abstract Results, Results section, and captions for Figures 3 and 4. There are additional corrections in eTables 1 and 2 and eFigures 1 to 9 in the Supplement. A Letter of Explanation2 has been published that explains the errors. This article was corrected online.


2. Davis AK, Griffiths RR. Errors in a response rate and in effect sizes in study of psilocybin-assisted therapy for major depressive disorder. JAMA Psychiatry. Published online February 10, 2021. doi:10.1001/jamapsychiatry.2020.4638

Error in Figure: In the Original Investigation titled “Association Between Antidepressant Drug Use and Hip Fracture in Older People Before and After Treatment Initiation,”4 published online January 2, 2019, and in the February 1, 2019, issue, there was an error in the Figure. In the x-axis of panel A, the values given respectively as “100” and “200” should have been “200” and “100.” This article was corrected online.


Data Errors in Table: In the Original Investigation titled “Association of Antidepressant Use With Adverse Health Outcomes: A Systematic Umbrella Review,” published in the December 2019 issue of JAMA Psychiatry,1 2 numbers were incorrectly presented in Table 3. In the Retrospective and Prospective Cohort Studies section of the table, the odds ratio for the random effects measure to effect size for suicide attempt and completion in adults from Barbui et al.80 2009, should have been “0.53.” In the Studies Adjusted for Confounding by Indication section of the same table, the upper limit of the 95% CI for suicide attempt and completion in children and adolescents from Barbui et al.90 2009, should have been “3.41.” This article was corrected online.


Error in Figure 3: The Original Investigation titled “Association of History of Psychopathology With Accelerated Aging at Midlife,”2 published online February 17, 2021, was corrected to add a missing data point for self-reported hearing difficulties in Figure 3A. This article was corrected online.