



OPEN

Author Correction: Differential chromatin accessibility in peripheral blood mononuclear cells underlies COVID-19 disease severity prior to seroconversion

Nicholas S. Giroux, Shengli Ding, Micah T. McClain, Thomas W. Burke, Elizabeth Petzold, Hong A. Chung, Grecia O. Rivera, Ergang Wang, Rui Xi, Shree Bose, Tomer Rotstein, Bradley P. Nicholson, Tianyi Chen, Ricardo Henao, Gregory D. Sempowski, Thomas N. Denny, Maria Iglesias De Ussel, Lisa L. Satterwhite, Emily R. Ko, Geoffrey S. Ginsburg, Bryan D. Kraft, Ephraim L. Tsalik, Xiling Shen & Christopher W. Woods

Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-022-15668-8>, published online 09 July 2022

The original version of this Article contained errors, where a study participant was omitted in the mild COVID-19 experimental group for “bulk” analysis. As the result, in the Results, under ‘A clinical cohort to study early COVID-19 with mild or moderate symptoms’,

“Subjects with mild symptoms exhibited a mean score of 12.9 ± 2.1 and 12.2 ± 2.8 for total PBMC assays (bulk) and assays of individual PBMCs (single-cell assays), respectively, which corresponded to the World Health Organization (WHO) Ordinal 8-point scale 1 (OS1, ambulatory and with no limitation of activities).”

now reads:

“Subjects with mild symptoms exhibited a mean score of 12.8 ± 1.9 and 12.2 ± 2.8 for total PBMC assays (bulk) and assays of individual PBMCs (single-cell assays), respectively, which corresponded to the World Health Organization (WHO) Ordinal 8-point scale 1 (OS1, ambulatory and with no limitation of activities).”

In Table 1, in column ‘Mild disease’, the ‘Number of subjects’, ‘Sex (male/female)’ and ‘Max severity score (\pm SE)’ have been corrected. The correct and incorrect values are listed below.

Incorrect:

Characteristics	Mild disease
Number of subjects	7
Sex (male/female)	4/3
Max severity score (\pm SE)	12.9 ± 2.1

Correct:

Characteristics	Mild disease
Number of subjects	8
Sex (male/female)	5/3
Max severity score (\pm SE)	12.8 ± 1.9

Published online: 20 April 2023

Additionally, the same error occurred in Supplementary Information Figure S1 and Supplementary Table S1.

The original Supplementary Figure S1 and accompanying legend appear below.

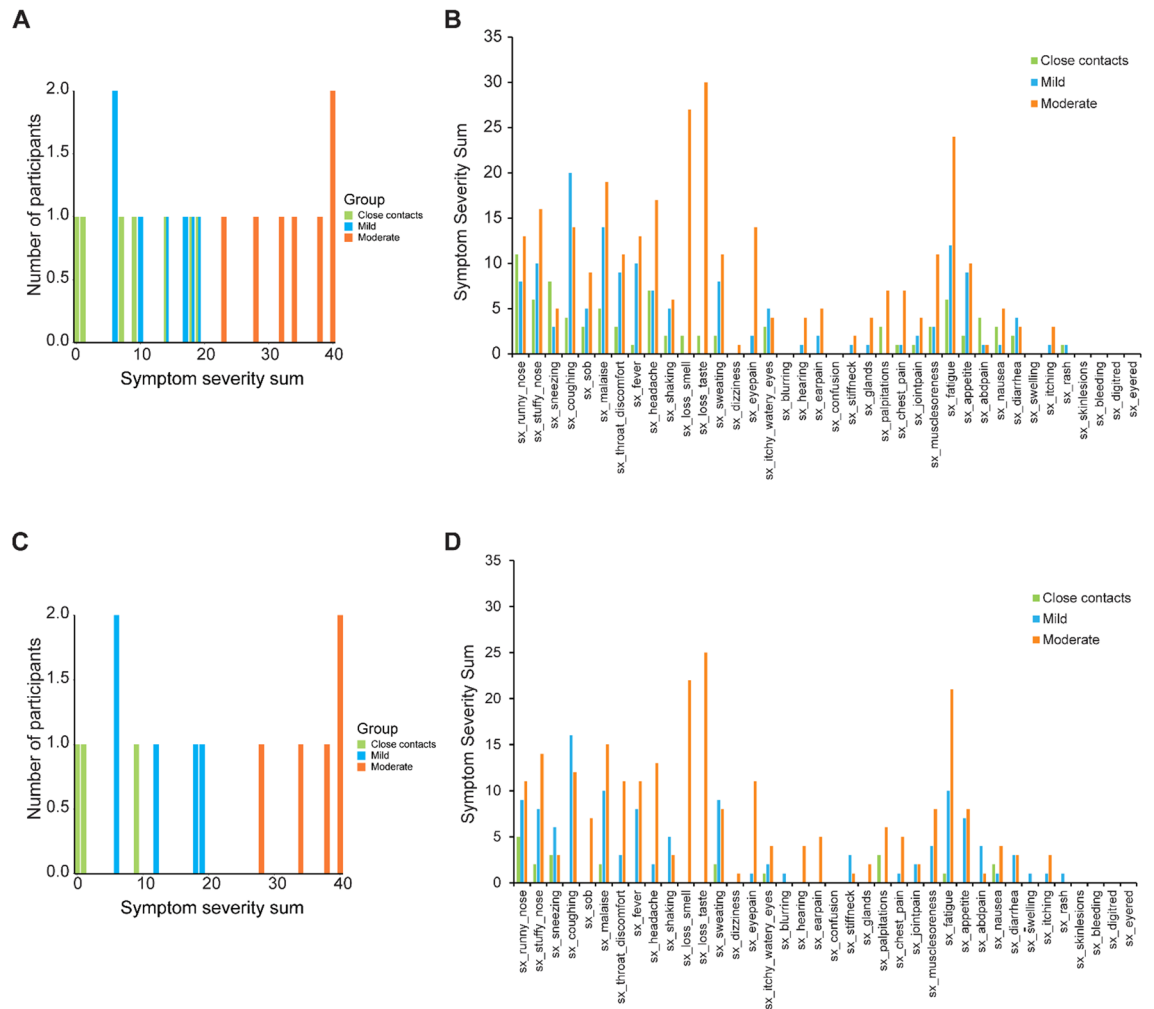


Figure 1. (A) Symptom severity sums for the subjects profiled with bulk assays and (B) severity scores for each reported symptom for the subjects profiled with bulk assays. (C) Symptom severity sums for subjects profiled with single-cell assays and (D) severity scores for each reported symptom for the subjects profiled with single-cell assays. For both cohorts, the sum of severity scores for all reported symptoms are shown for close contacts (green), COVID-19 subjects with mild symptoms (blue), and with moderate symptoms (orange).

A new row has been added to Table S1. It now reads:

Group	Alias ID	Race	Ethnicity	Day of PBMC collection			PCR			Serology Test (IgG)		
				0	7	14	N*	N	N	N	N	P
Mild	7085CA	White	Non-Hispanic	0	7	14	N*	N	N	N	N	P

The original Article and Supplementary Information files have been corrected.



Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2023