



**University of  
Zurich**<sup>UZH</sup>

**Zurich Open Repository and  
Archive**

University of Zurich  
Main Library  
Strickhofstrasse 39  
CH-8057 Zurich  
[www.zora.uzh.ch](http://www.zora.uzh.ch)

---

Year: 2021

---

## Errata: Best practices for fNIRS publications

Yücel, Meryem A ; Lühmann, Alexander V ; Scholkmann, Felix ; Gervain, Judit ; Dan, Ippeita ; Ayaz, Hasan ; Boas, David ; Cooper, Robert J ; Culver, Joseph ; Elwell, Clare E ; Eggebrecht, Adam ; Franceschini, Maria A ; Grova, Christophe ; Homae, Fumitaka ; Lesage, Frédéric ; Obrig, Hellmuth ; Tachtsidis, Ilias ; Tak, Sungho ; Tong, Yunjie ; Torricelli, Alessandro ; Wabnitz, Heidrun ; Wolf, Martin

Abstract: [This corrects the article DOI: 10.1117/1.NPh.8.1.012101].

DOI: <https://doi.org/10.1117/1.NPh.8.1.019802>

Posted at the Zurich Open Repository and Archive, University of Zurich

ZORA URL: <https://doi.org/10.5167/uzh-202894>

Journal Article

Published Version



The following work is licensed under a Creative Commons: Attribution 4.0 International (CC BY 4.0) License.

Originally published at:

Yücel, Meryem A; Lühmann, Alexander V; Scholkmann, Felix; Gervain, Judit; Dan, Ippeita; Ayaz, Hasan; Boas, David; Cooper, Robert J; Culver, Joseph; Elwell, Clare E; Eggebrecht, Adam; Franceschini, Maria A; Grova, Christophe; Homae, Fumitaka; Lesage, Frédéric; Obrig, Hellmuth; Tachtsidis, Ilias; Tak, Sungho; Tong, Yunjie; Torricelli, Alessandro; Wabnitz, Heidrun; Wolf, Martin (2021). Errata: Best practices for fNIRS publications. *Neurophotonics*, 8(1):019802.

DOI: <https://doi.org/10.1117/1.NPh.8.1.019802>

# Errata: Best practices for fNIRS publications

**Meryem A. Yücel,<sup>a,b</sup> Alexander v. Lühmann,<sup>a,b</sup> Felix Scholkmann,<sup>c,d</sup>  
Judit Gervain,<sup>e,f</sup> Ippeita Dan,<sup>g</sup> Hasan Ayaz,<sup>h,i,j,k,l</sup> David Boas,<sup>a</sup>  
Robert J. Cooper,<sup>m</sup> Joseph Culver,<sup>n</sup> Clare E. Elwell,<sup>o</sup> Adam Eggebrecht,<sup>p</sup>  
Maria A. Franceschini,<sup>b</sup> Christophe Grova,<sup>q,r</sup> Fumitaka Homae,<sup>s</sup>  
Frédéric Lesage,<sup>t</sup> Hellmuth Obrig,<sup>u</sup> Ilias Tachtsidis,<sup>o</sup> Sungho Tak,<sup>v</sup>  
Yunjie Tong,<sup>w</sup> Alessandro Torricelli,<sup>x,y</sup> Heidrun Wabnitz,<sup>z</sup> and  
Martin Wolf<sup>c</sup>**

<sup>a</sup>Boston University, Neurophotonics Center, Biomedical Engineering, Boston, Massachusetts, United States

<sup>b</sup>Massachusetts General Hospital, Harvard Medical School, MGH/HST Athinoula A. Martinos Center for Biomedical Imaging, Department of Radiology, Charlestown, Massachusetts, United States

<sup>c</sup>University Hospital Zurich, University of Zurich, Department of Neonatology, Biomedical Optics Research Laboratory, Neonatology Research, Zurich, Switzerland

<sup>d</sup>University of Bern, Institute for Complementary and Integrative Medicine, Bern, Switzerland

<sup>e</sup>Université de Paris, CNRS, Integrative Neuroscience and Cognition Center, Paris, France

<sup>f</sup>Università di Padova, Department of Social and Developmental Psychology, Padua, Italy

<sup>g</sup>Chuo University, Faculty of Science and Engineering, Applied Cognitive Neuroscience Laboratory, Tokyo, Japan

<sup>h</sup>Drexel University, School of Biomedical Engineering, Science and Health Systems, Philadelphia, Pennsylvania, United States

<sup>i</sup>Drexel University, College of Arts and Sciences, Department of Psychology, Philadelphia, Pennsylvania, United States

<sup>j</sup>Drexel University, Drexel Solutions Institute, Philadelphia, Pennsylvania, United States

<sup>k</sup>University of Pennsylvania, Department of Family and Community Health, Philadelphia, Pennsylvania, United States

<sup>l</sup>Children's Hospital of Philadelphia, Center for Injury Research and Prevention, Philadelphia, Pennsylvania, United States

<sup>m</sup>University College London, DOT-HUB, Department of Medical Physics and Biomedical Engineering, Biomedical Optics Research Laboratory, London, United Kingdom

<sup>n</sup>Washington University School of Medicine, Department of Radiology, St. Louis, Missouri, United States

<sup>o</sup>University College London, Department of Medical Physics and Biomedical Engineering, London, United Kingdom

<sup>p</sup>Washington University School of Medicine, Mallinckrodt Institute of Radiology, St. Louis, Missouri, United States

<sup>q</sup>Concordia University, Department of Physics and PERFORM Centre, Multimodal Functional Imaging Lab, Montreal, Québec, Canada

<sup>r</sup>McGill University, Biomedical Engineering Department, Multimodal Functional Imaging Lab, Montreal, Québec, Canada

<sup>s</sup>Tokyo Metropolitan University, Department of Language Sciences, Tokyo, Japan

<sup>t</sup>Polytechnique Montréal, Department Electrical Engineering, Montreal, Canada

<sup>u</sup>University Hospital Leipzig, Max Planck Institute for Human Cognitive and Brain Sciences and Clinic for Cognitive Neurology, Leipzig, Germany

<sup>v</sup>Korea Basic Science Institute, Research Center for Bioconvergence Analysis, Ochang, Cheongju, Republic of Korea

<sup>w</sup>Weldon School of Biomedical Engineering Purdue University, West Lafayette, Indiana, United States

<sup>x</sup>Politecnico di Milano, Dipartimento di Fisica, Milan, Italy

<sup>1</sup>Consiglio Nazionale delle Ricerche, Istituto di Fotonica e Nanotecnologie, Milan, Italy

<sup>2</sup>Physikalisch-Technische Bundesanstalt, Berlin, Germany

[DOI: [10.1117/1.NPh.8.1.019802](https://doi.org/10.1117/1.NPh.8.1.019802)]

This article [*Neurophotonics* **8**(1), 012101 (2020) doi: [10.1117/1.NPh.8.1.012101](https://doi.org/10.1117/1.NPh.8.1.012101)] was originally published on 7 January 2021 with erroneous attributions in the Acknowledgments section.

Original:

“fNIRS; F.S., Strategy for statistical tests and removal of confounding signals; M.Y and S.T., Filtering and drift regression;”

Corrected:

“fNIRS; M.Y. and S.T., Strategy for statistical tests and removal of confounding signals; M.Y, Filtering and drift regression;”

Original:

“M.Y., fNIRS signal quality metrics and channel rejection”

Corrected:

“M.Y. and A.L., fNIRS signal quality metrics and channel rejection”

The article was corrected and republished on 13 January 2021.