

Supplemental material: Learned spectral decoloring enables photoacoustic oximetry

Janek Gröhl^{1,2,*}, **Thomas Kirchner**³, **Tim J. Adler**^{1,4}, **Lina Hacker**⁷, **Niklas Holzwarth**^{1,5}, **Adrián Hernández-Aguilera**⁶, **Mildred A. Herrera**⁶, **Edgar Santos**⁶, **Sarah E. Bohndiek**^{7,8}, and **Lena Maier-Hein**^{1,2,*}

¹German Cancer Research Center, Computer Assisted Medical Interventions, Heidelberg, Germany

²Heidelberg University, Medical Faculty, Heidelberg, Germany

³Bern University, Institute of Applied Physics, Biomedical Photonics, Bern, Switzerland

⁴Heidelberg University, Faculty of Mathematics and Computer Science, Heidelberg, Germany

⁵Heidelberg University, Faculty of Physics and Astronomy, Heidelberg, Germany

⁶Department of Neurosurgery, Heidelberg University Hospital, Heidelberg, Germany

⁷Department of Physics, University of Cambridge, JJ Thomson Avenue, Cambridge, CB3 0HE, UK

⁸Cancer Research UK Cambridge Institute, University of Cambridge, Robinson Way, Cambridge, CB2 0RE, UK

ABSTRACT

In this supplemental material we show all result images of applying the LSD method to the human forearm data.

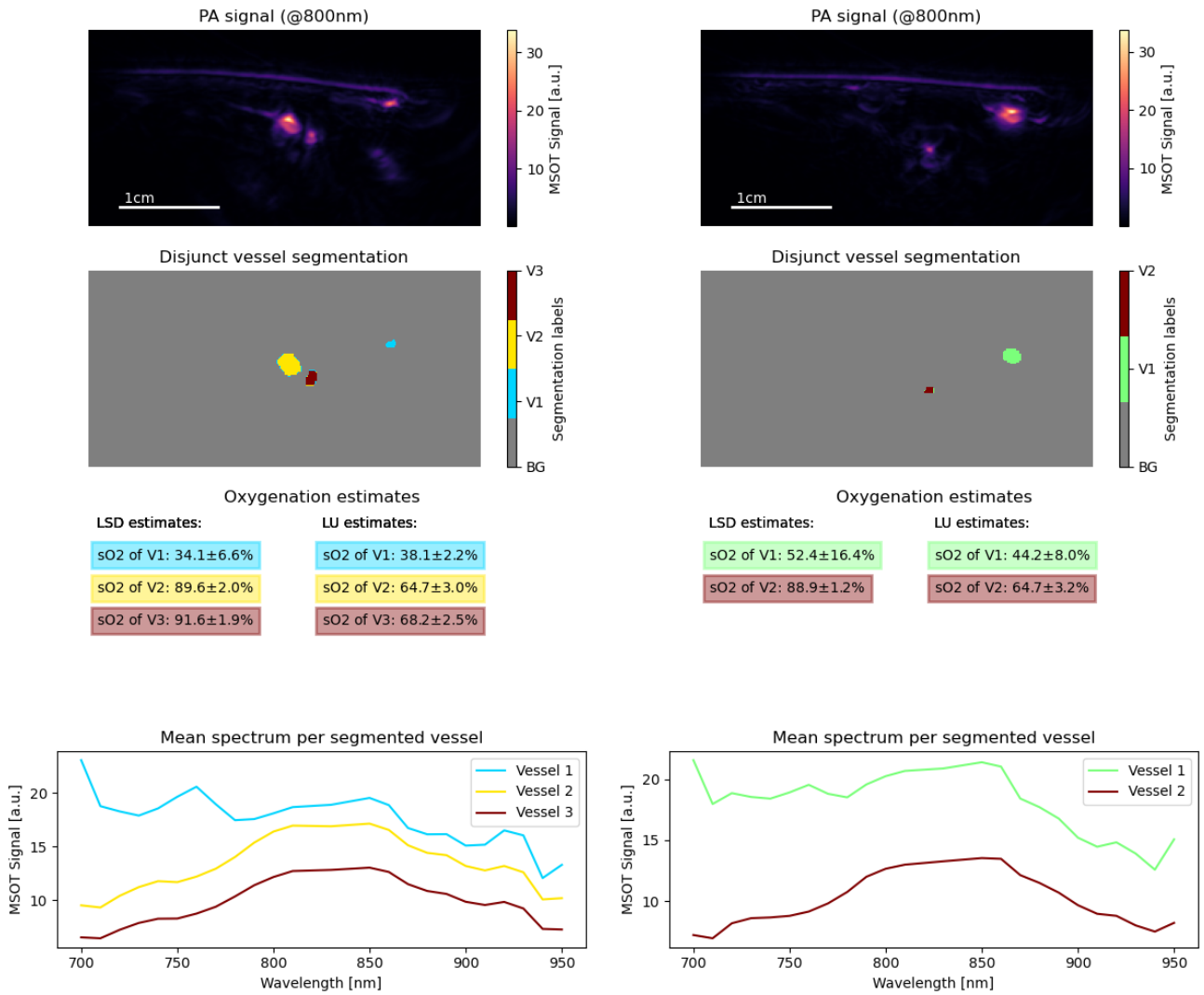


Figure 1. Result images from the human forearm data set.

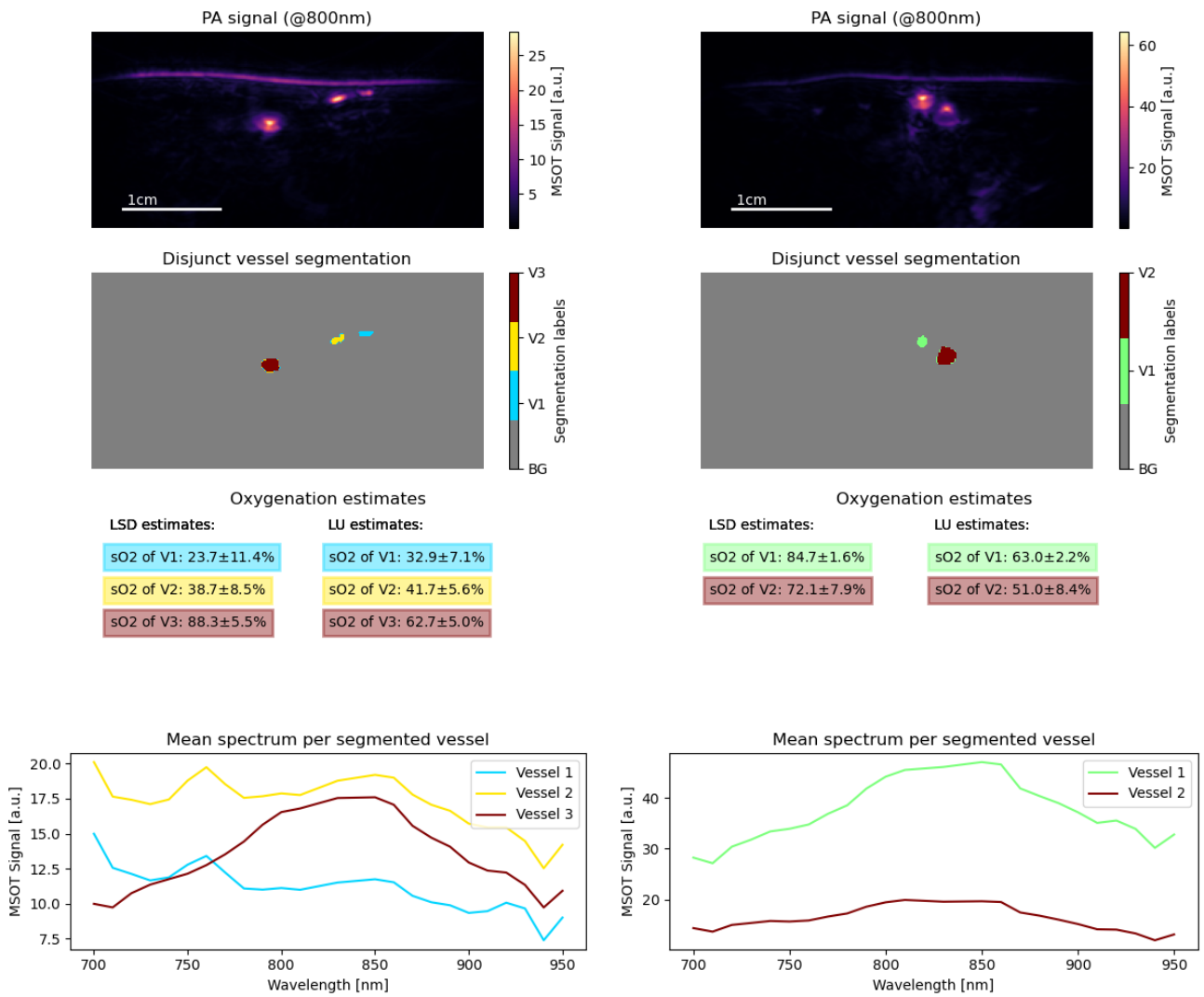


Figure 2. Result images from the human forearm data set.

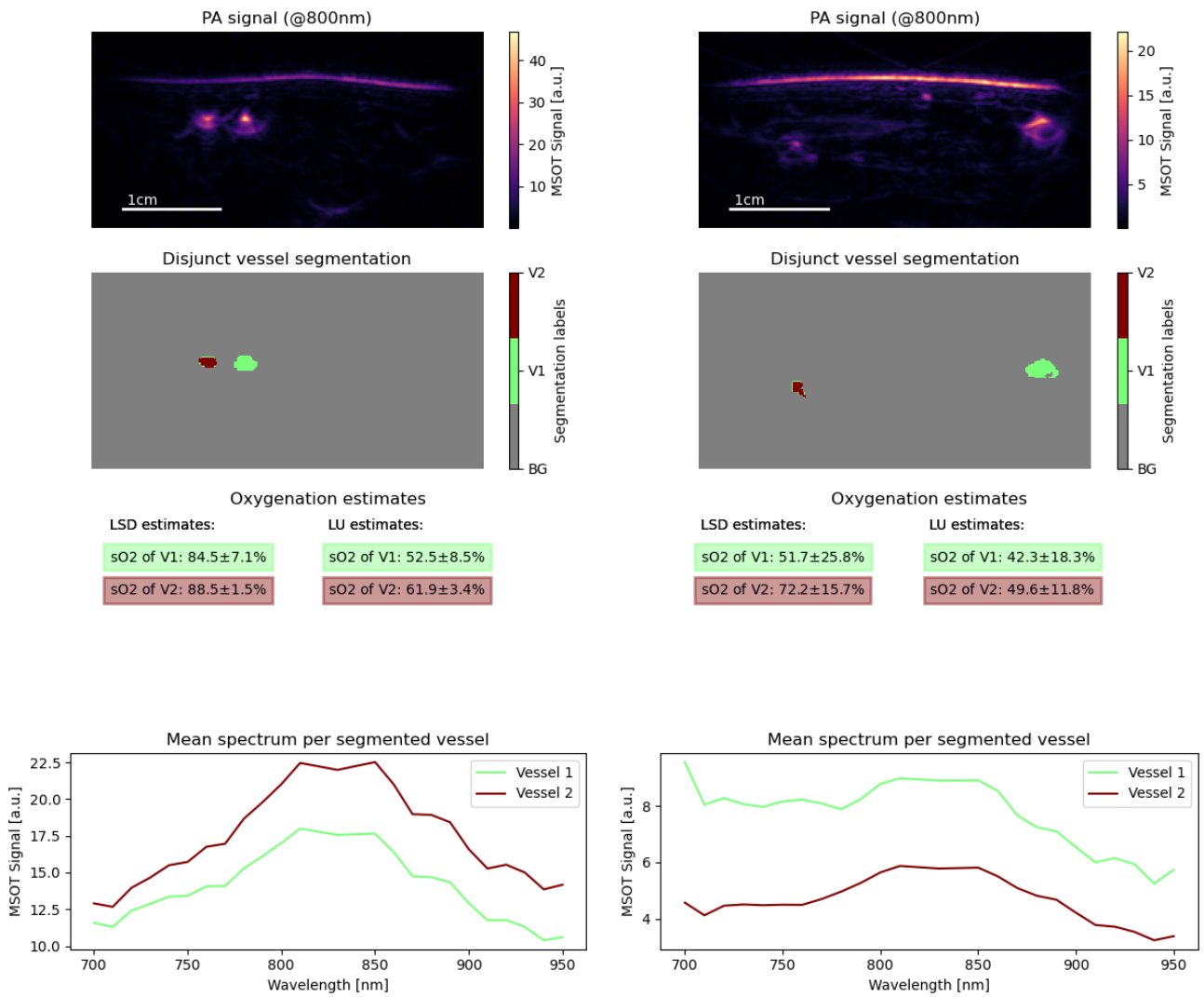


Figure 3. Result images from the human forearm data set.

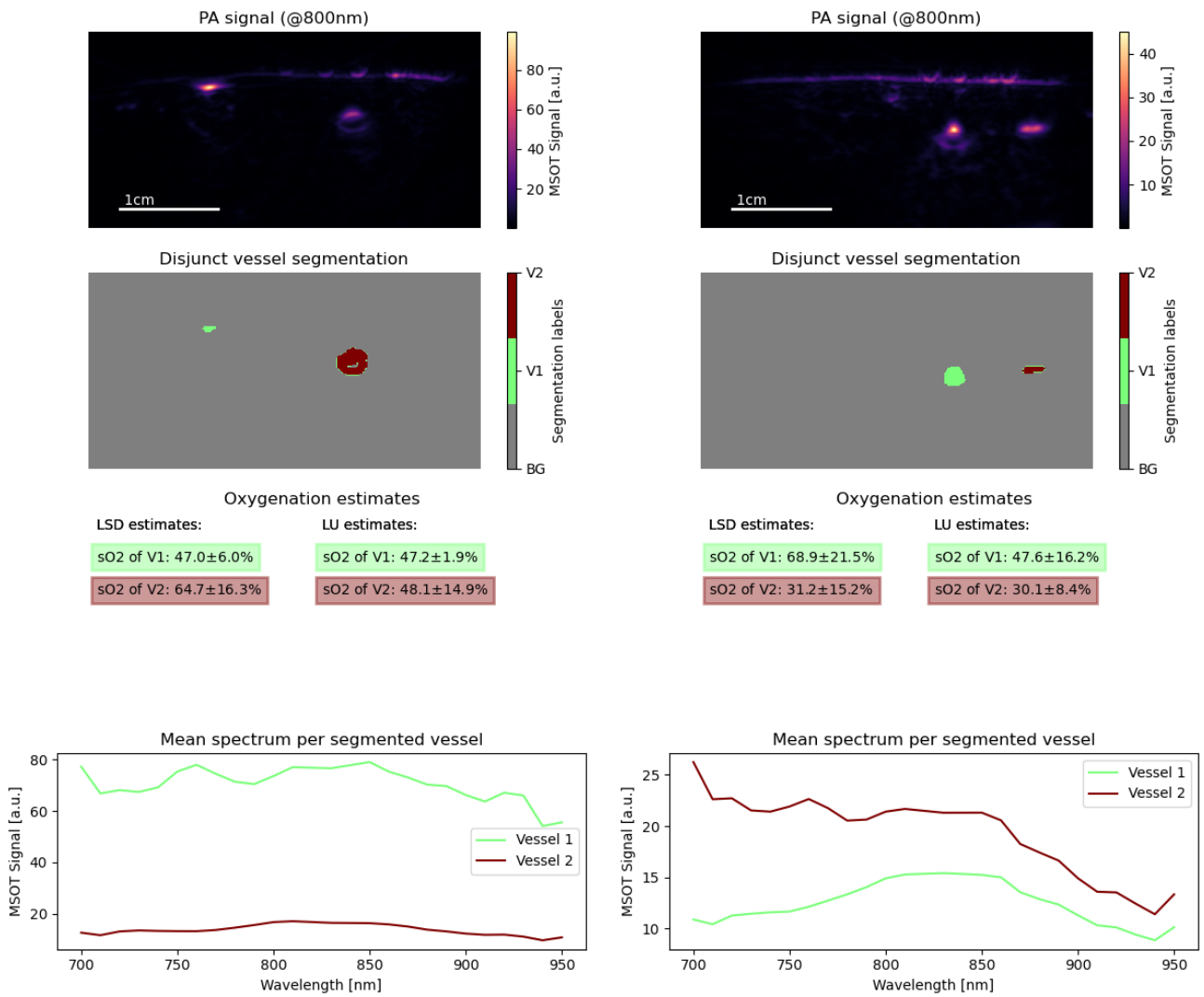


Figure 4. Result images from the human forearm data set.

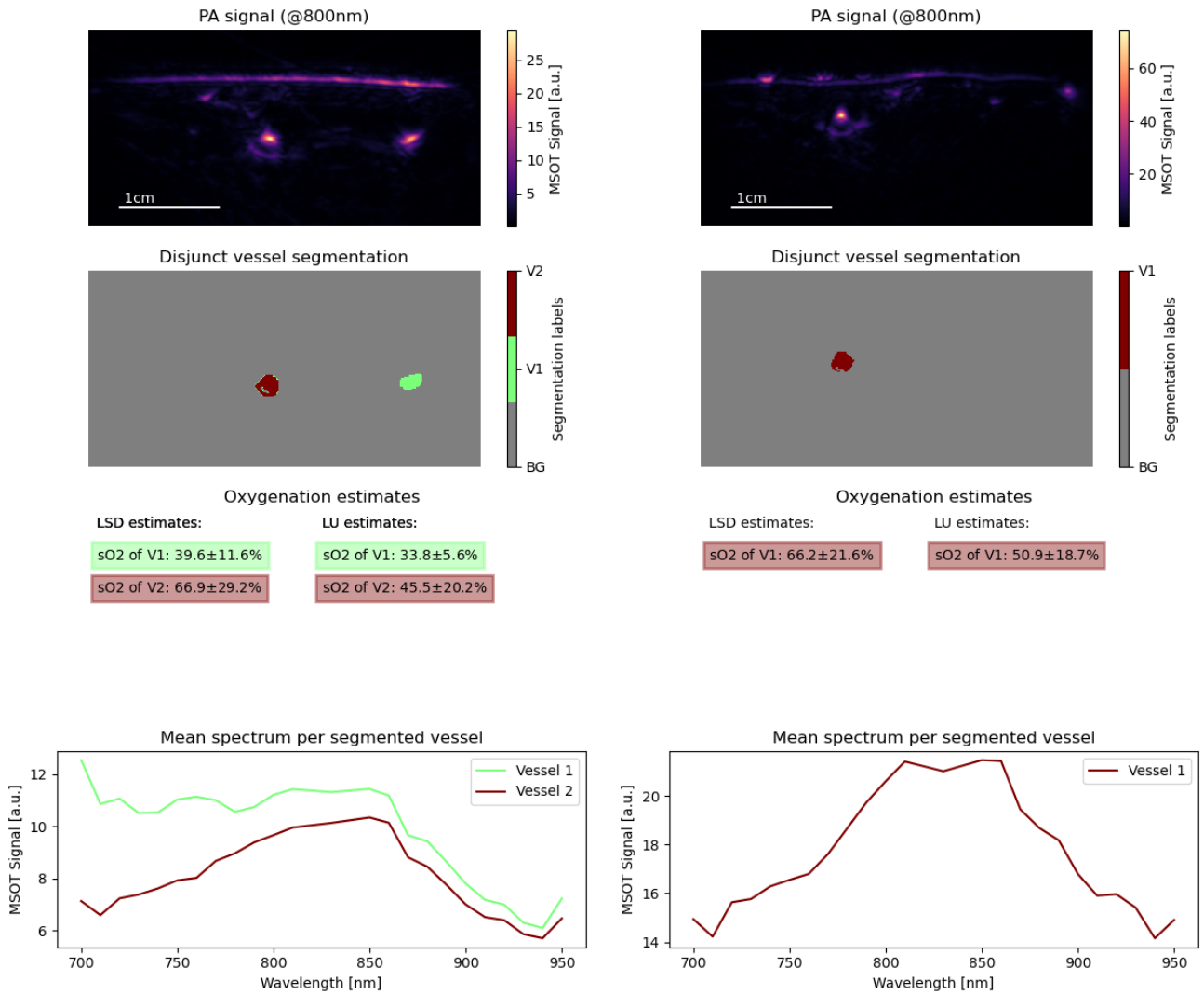


Figure 5. Result images from the human forearm data set.

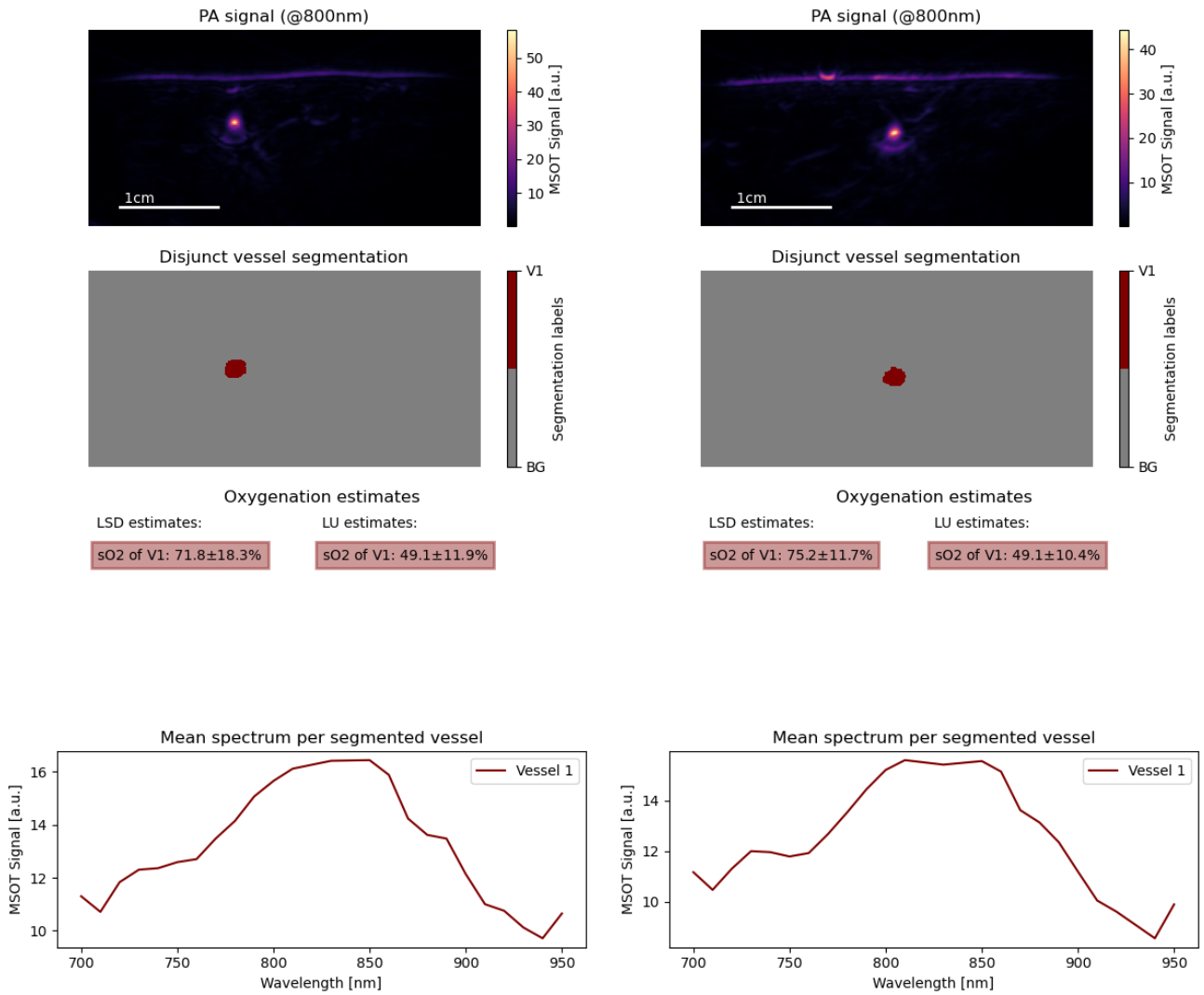


Figure 6. Result images from the human forearm data set.

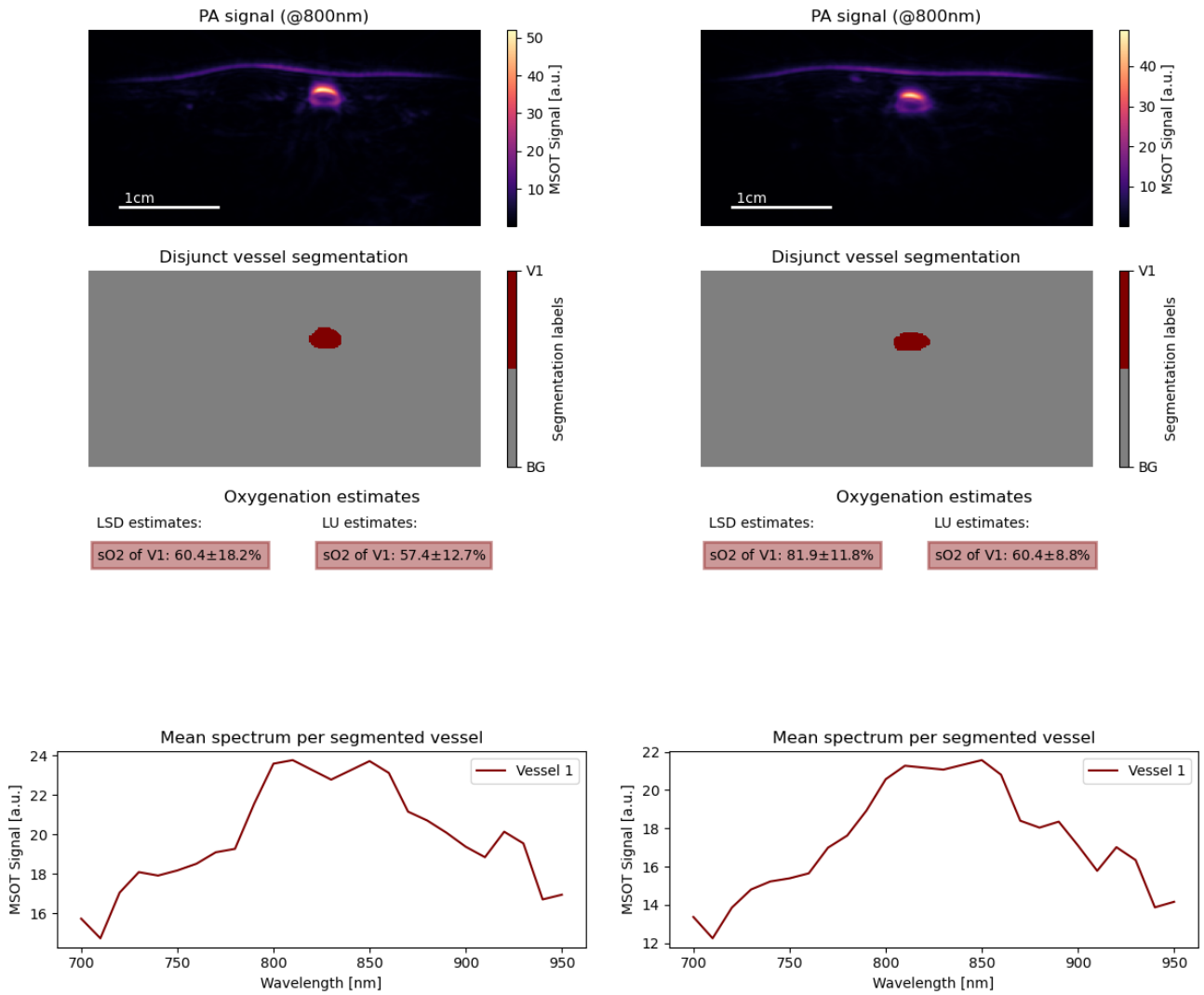


Figure 7. Result images from the human forearm data set.

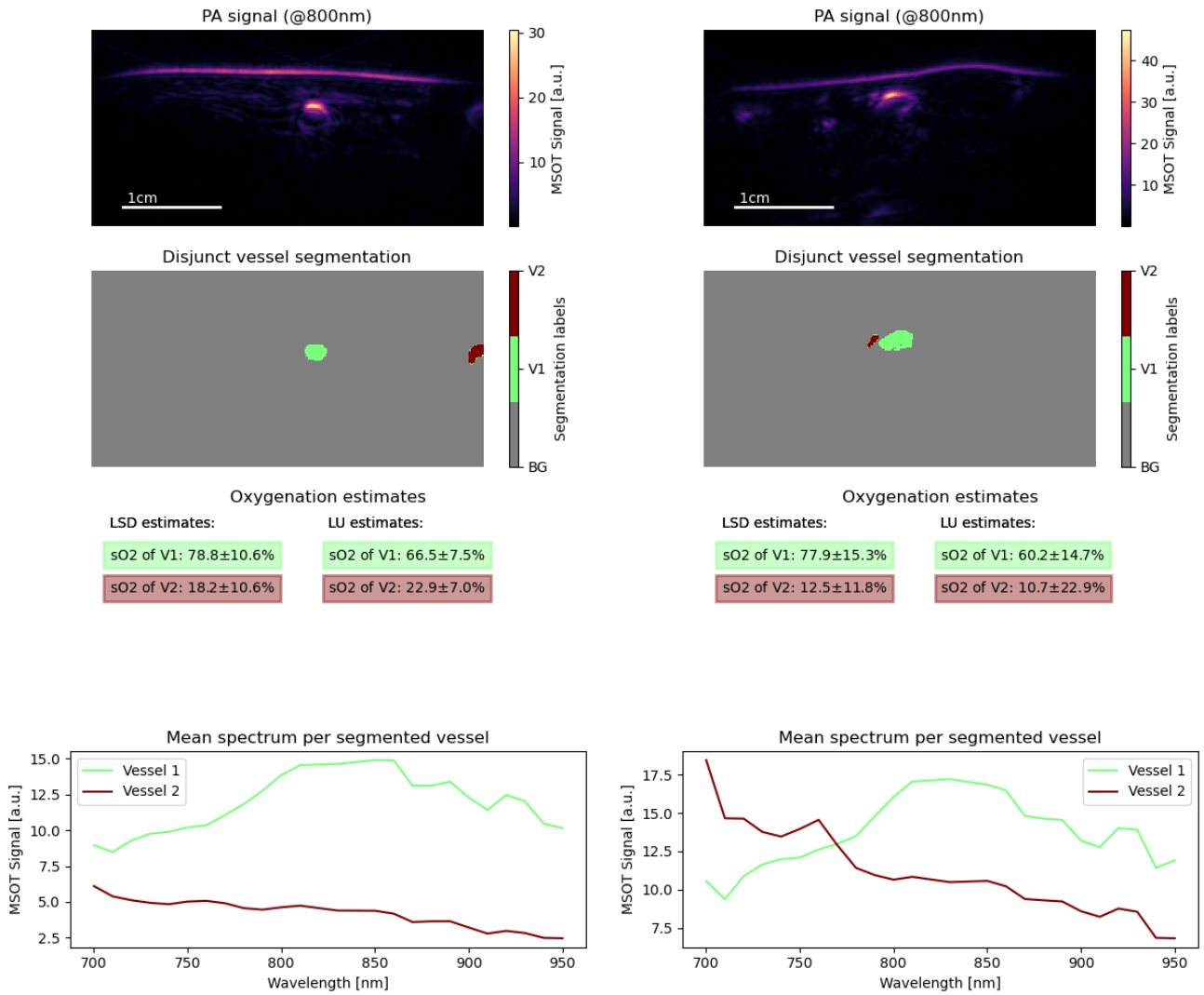


Figure 8. Result images from the human forearm data set.

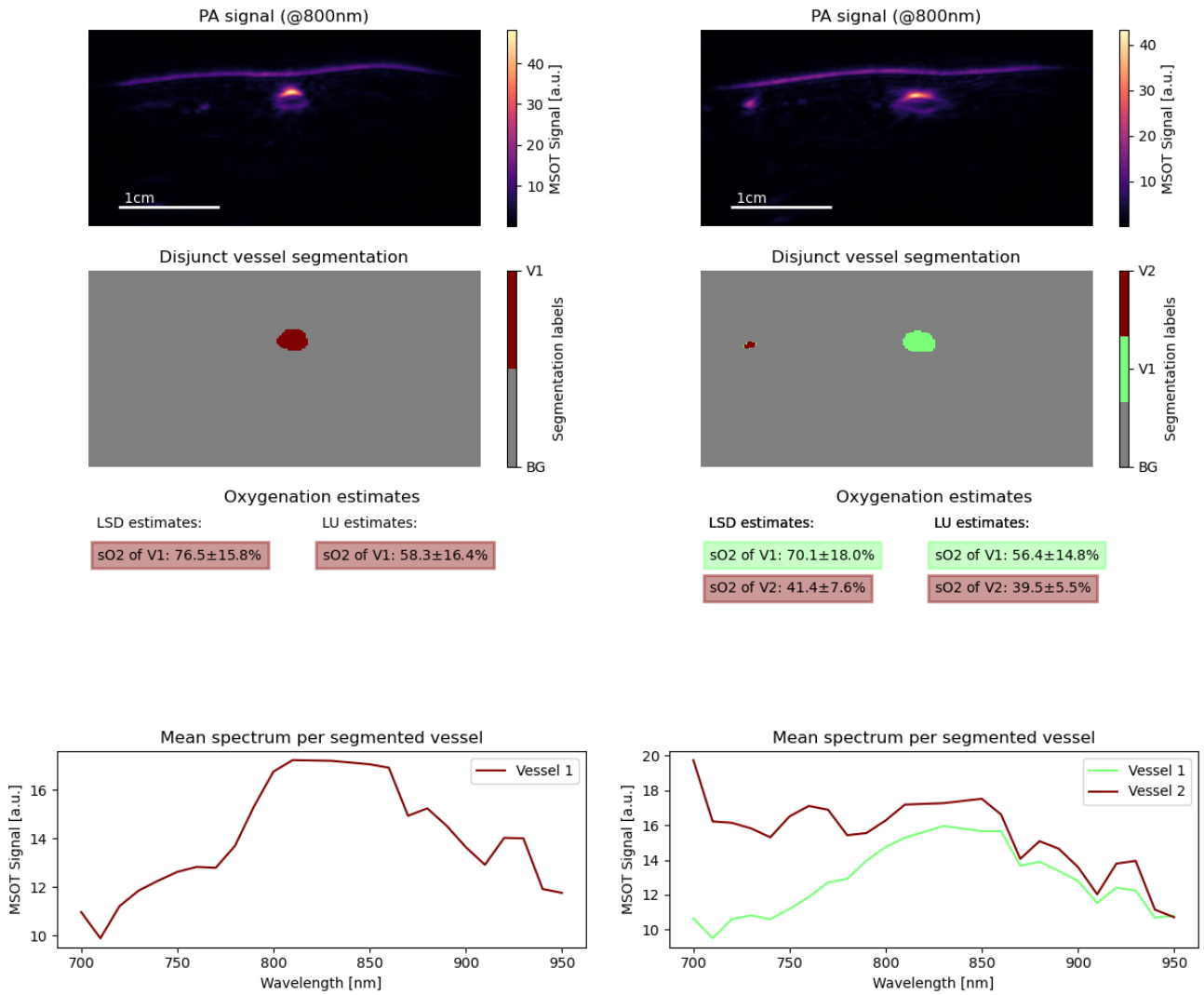


Figure 9. Result images from the human forearm data set.