

of the marginal estimator for myopic deconvolution of adaptive optics retinal images, with a measurable improvement of the contrast at the spatial frequencies corresponding to the cone photoreceptors. Although developed in the context of AO flood illumination retinal imaging, this marginal blind deconvolution method could also be applicable to other kinds of data such as confocal retinal imaging or more general microscopy data, or even astronomical data, mainly by changing the PSF basis used.

Acknowledgements

The authors are grateful to Marie Glanc for her support and her guidance on the use of the LESIA AO bench she designed and built.