## Accepted Manuscript

Title: An Iterative Multi-Atlas Patch-Based Approach for Cortex Segmentation from Neonatal MRI

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PII:S0895-6111(18)30195-2DOI:https://doi.org/doi:10.1016/j.compmedimag.2018.09.003Reference:CMIG 1590To appear in:Computerized Medical Imaging and GraphicsReceived date:5-4-2018

 Revised date:
 5-4-2018

 Revised date:
 10-8-2018

 Accepted date:
 13-9-2018

Please cite this article as: Carlos Tor-Díez, Nicolas Passat, Isabelle Bloch, Sylvain Faisan, Nathalie Bednarek, François Rousseau, An Iterative Multi-Atlas Patch-Based Approach for Cortex Segmentation from Neonatal MRI, <![CDATA[Computerized Medical Imaging and Graphics]]> (2018), https://doi.org/10.1016/j.compmedimag.2018.09.003

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## ACCEPTED MANUSCRIPT

Highlights:

- A multi-atlas method is proposed for cortex segmentation from neonatal MRI.
- Patch-based paradigm and iterative optimization are used together for segmentation improvement.
- Experimental results emphasize the relevance of the approach, compared to the state of the art.

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