

Accepted Manuscript

Title: Fast and robust segmentation of the striatum using deep convolutional neural networks

Author: Hongyoon Choi Kyong Hwan Jin

PII: S0165-0270(16)30232-1

DOI: <http://dx.doi.org/doi:10.1016/j.jneumeth.2016.10.007>

Reference: NSM 7609

To appear in: *Journal of Neuroscience Methods*

Received date: 25-7-2016

Revised date: 26-9-2016

Accepted date: 10-10-2016



Please cite this article as: Choi Hongyoon, Jin Kyong Hwan. Fast and robust segmentation of the striatum using deep convolutional neural networks. *Journal of Neuroscience Methods* <http://dx.doi.org/10.1016/j.jneumeth.2016.10.007>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Fast and robust segmentation of the striatum using deep convolutional neural networks

Hongyoon Choi^{1,*}, Kyong Hwan Jin^{2,*}

¹*Department of Nuclear Medicine, Cheonan Public Health Center, Chungnam, Republic of Korea;* ²*Biomedical Imaging Group, École Polytechnique Fédérale de Lausanne (EPFL), 1015 Lausanne, Switzerland*

*These authors contributed equally to this work

[Type] Research Article

[Correspondence and Reprint Request]

Hongyoon Choi, MD.,Ph.D.

Department of Nuclear Medicine, Cheonan Public Health Center

234-1 Buldang-Dong, Seobuk-Gu, Cheonan, Republic of Korea

Tel: 82-41-521-2572, Fax: 82-41-521-2587, E-mail: chy1000@gmail.com

Kyong Hwan Jin, Ph.D.

Biomedical Imaging Group, École Polytechnique Fédérale de Lausanne(EPFL), 1015 Lausanne, Switzerland

Tel: 41-78-684-90-07, E-mail: kyonghwan.jin@gmail.com

[Running Title] Striatum segmentation using deep CNN

Download English Version:

<https://daneshyari.com/en/article/6267549>

Download Persian Version:

<https://daneshyari.com/article/6267549>

[Daneshyari.com](https://daneshyari.com)