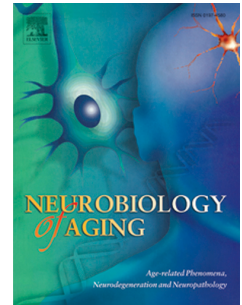


# Accepted Manuscript

Normative brain volumetry derived from different reference populations: Impact on single-subject diagnostic assessment in dementia

Elisabeth J. Vinke, Wyke Huizinga, Martin Bergtholdt, Hieab H. Adams, Rebecca M.E. Steketee, Janne M. Papma, Frank J. de Jong, Wiro J. Niessen, M. Arfan Ikram, Fabian Wenzel, Meike W. Vernooij, for the Alzheimer's Disease Neuroimaging Initiative



PII: S0197-4580(19)30210-6

DOI: <https://doi.org/10.1016/j.neurobiolaging.2019.07.008>

Reference: NBA 10617

To appear in: *Neurobiology of Aging*

Received Date: 25 January 2019

Revised Date: 11 July 2019

Accepted Date: 16 July 2019

Please cite this article as: Vinke, E.J., Huizinga, W., Bergtholdt, M., Adams, H.H., Steketee, R.M.E., Papma, J.M., de Jong, F.J., Niessen, W.J., Ikram, M.A., Wenzel, F., Vernooij, M.W., for the Alzheimer's Disease Neuroimaging Initiative Normative brain volumetry derived from different reference populations: Impact on single-subject diagnostic assessment in dementia, *Neurobiology of Aging* (2019), doi: <https://doi.org/10.1016/j.neurobiolaging.2019.07.008>.

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**VERIFICATION****Author Disclosures:**

Elisabeth J. Vinke – Reports no disclosures.

Wyke Huizinga – Reports no disclosures.

Martin Bergtholdt – Employee of Philips Research

Hieab H. Adams – Reports no disclosures.

Rebecca M.E. Steketee – Reports no disclosures.

Janne M. Papma – Reports no disclosures.

Frank J. de Jong – Reports no disclosures.

Wiro J. Niessen - Co-founder, chief scientific officer, and shareholder of Quantib BV; Reports no disclosures for present work.

M. Arfan Ikram – Reports no disclosures.

Fabian Wenzel – Employee of Philips Research

Meike W. Vernooij – Reports no disclosures.

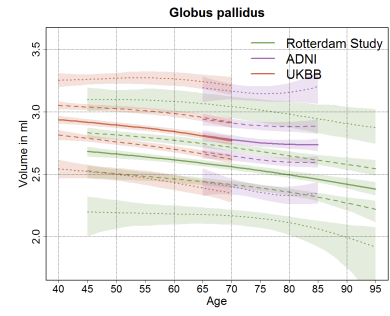
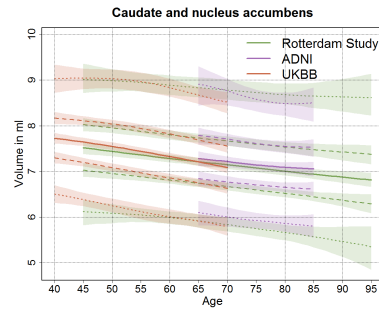
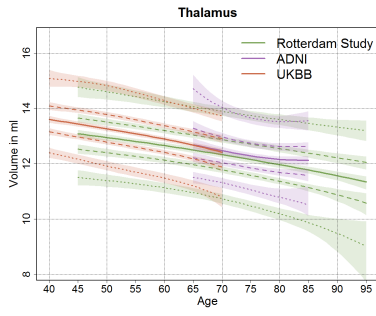
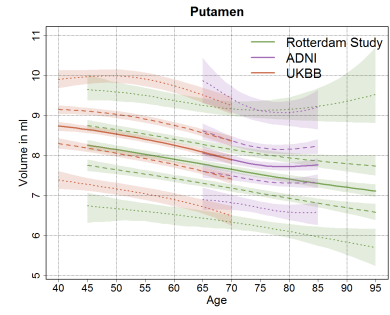
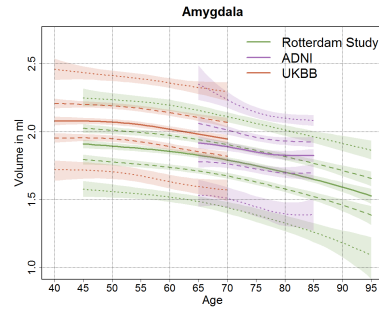
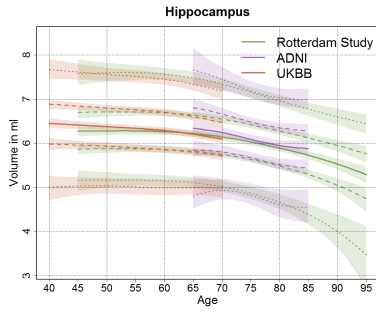
All authors verify that the data contained in this manuscript have not been previously published, have not been submitted elsewhere and will not be submitted elsewhere while under consideration at *Neurobiology of Aging*.

All have read and approved the submitted manuscript, and believes that the manuscript represents honest work. The manuscript has not been submitted elsewhere nor published elsewhere in whole or in part. None of the authors has potential conflicts of interest related to this manuscript except as stated in the ‘Authors Disclosures’ section. Authors take full

responsibility for the data, the analyses and interpretation, and the conduct of the research; full access to all of the data; and the right to publish any and all data, separate and apart from the guidance of the sponsor.

## **FUNDING**

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 666992. This project has received funding from the European Union's Seventh Frame-work Programme for research, technological development and demonstration 530 under grant agreement no. 601055 (VPH-DARE@IT). The Rotterdam Study is funded by Erasmus Medical Center and Erasmus University, Rotterdam, Netherlands Organization for the Health Research and Development (ZonMw), the Research Institute for Diseases in the Elderly (RIDE), the Ministry of Education, Culture and Science, the Ministry for Health, Welfare and Sports, the European Commission (DG XII), and the Municipality of Rotterdam.



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**HIGHLIGHTS**

- Subcortical volume normative data from 3 populations are highly interchangeable
- The hippocampus volume percentiles were very robust across populations
- Results suggest more flexibility in clinical implementation of these percentiles

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