

# Andreas Gammelgaard Damsbo

MD, PHD-FELLOW

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## About me

- I am a medical doctor and PhD-student
- I have a special interest in the relation between clinical focus on patients and data driven research
- I am a very happy R-user, educator and developer

## Medical experience

### EDUCATION

<b>Aarhus University</b> REPRODUCIBLE RESEARCH IN R - ADVANCED	Aarhus, Denmark 2023
<b>Aarhus University</b> ADVANCED R (PHD COURSE)	Aarhus, Denmark 2022
<b>Aarhus University</b> CAND.MED	Aarhus, Denmark 2018

### EMPLOYMENT

<b>Visiting professor</b> UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER	BC, Canada 2023
<b>First year of specialty training in Neurology</b> AARHUS UNIVERSITY HOSPITAL	Aarhus, Denmark 2020
<b>Residency (KBU)</b> HOSPITAL UNIT WEST	Central Region Denmark, Denmark 2018-2019
<b>Research Assistant (14 months full time)</b> NEUROLOGY	Aarhus University Hospital, Denmark 2018, 2019, 2021
<b>Research Year Student</b> NEUROLOGY	Aarhus University Hospital, Denmark 2016-2017

## Conference attendance

<b>ESOC 2024</b> EUROPEAN STROKE ORGANISATION	Basel, Switzerland 2024
<b>ESOC 2023</b> EUROPEAN STROKE ORGANISATION	Munich, Germany 2023
<b>WSC 2023</b> WORLD STROKE ORGANISATION	Toronto, Canada 2023
<b>ESOC 2021</b> EUROPEAN STROKE ORGANISATION	Online 2021
<b>ESOC 2017</b> EUROPEAN STROKE ORGANISATION	Prague, Czechia 2017

## Publications

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### MAIN AUTHOR

1. Damsbo, A. G., Kraglund, K. L., Buttenschøn, H. N., Johnsen, S. P., Andersen, G., & Mortensen, J. K. (2020). Predictors for wellbeing and characteristics of mental health after stroke. *Journal of Affective Disorders*, 264, 358–364. <https://doi.org/10.1016/j.jad.2019.12.032>
2. Damsbo, A. G., Mortensen, J. K., Kraglund, K. L., Johnsen, S. P., Andersen, G., & Blauenfeldt, R. A. (2020). Prestroke physical activity and poststroke cognitive performance. *Cerebrovascular Diseases*, 49(6), 632–638. <https://doi.org/10.1159/000511490>
3. Damsbo, A., Kraglund, K., Buttenschøn, H., Johnsen, S., Andersen, G., & Mortensen, J. (2019). Serotonergic regulation and cognition after stroke: The role of antidepressant treatment and genetic variation. *Cerebrovascular Diseases*, 47(1–2), 72–79. <https://doi.org/10.1159/000498911>

### CO-AUTHOR

1. Blauenfeldt, R. A., Hjort, N., Valentin, J. B., Homburg, A.-M., Modrau, B., Sandal, B. F., Gude, M. F., Hougaard, K. D., Damgaard, D., Poulsen, M., Diedrichsen, T., Schmitz, M. L., von Weitzel-Mudersbach, P., Christensen, A. A., Figlewski, K., Grove, E. L., Hreiarsdóttir, M. K., Lasseisen, H. M., Wittrock, D., ... Andersen, G. (2023). Remote ischemic conditioning for acute stroke: The RESIST randomized clinical trial. *JAMA*, 330(13), 1236. <https://doi.org/10.1001/jama.2023.16893>
2. Vestergaard, S. B., Damsbo, A. G., Blauenfeldt, R. A., Johnsen, S. P., Andersen, G., & Mortensen, J. K. (2023). Impact of prestroke physical activity and citalopram treatment on poststroke depressive symptoms: A secondary analysis of data from the TALOS randomised controlled trial in denmark. *BMJ Open*, 13(3), e070822. <https://doi.org/10.1136/bmjopen-2022-070822>
3. Behrndtz, A. B., Damsbo, A. G., Blauenfeldt, R. A., Andersen, G., Speiser, L. O., & Simonsen, C. Z. (2022). Too risky, too large, too late, or too mild—reasons for not treating ischemic stroke patients and the related outcomes. *Frontiers in Neurology*, 13. <https://doi.org/10.3389/fneur.2022.1098779>
4. Kraglund, K. L., Mortensen, J. K., Damsbo, A. G., Modrau, B., Simonsen, S. A., Iversen, H. K., Madsen, M., Grove, E. L., Johnsen, S. P., & Andersen, G. (2018). Neuroregeneration and vascular protection by citalopram in acute ischemic stroke (TALOS): A randomized controlled study. *Stroke*, 49(11), 2568–2576. <https://doi.org/10.1161/strokeaha.117.020067>

## Financing

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### Lægeforeningens Forskningsfond

DKK 100.000

Research Funding

2022

### Selskab for Neurologisk Forskning

DKK 20.000

Forskningsbevilling

2016

### Dansk Neurologisk Selskab

DKK 140.000

Research Year Fellowship

2015

# Data science experience

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## R PACKAGES ON ZENODO AND CRAN

1. Egeler, P., & Damsbo, A. G. (2023). *Agdamsbo/REDCapCAST: REDCapCAST 24.2.1*. Zenodo. <https://doi.org/10.5281/ZENODO.8013984>
2. Damsbo, A. G. (2023). *Agdamsbo/stRoke: stRoke 23.9.1*. Zenodo. <https://doi.org/10.5281/ZENODO.8013980>

Apart from the referenced CRAN-projects, I am also maintaining a number of other projects.

I have accepted work as a clinical data consultant in doing counselling and data management support for a number of smaller and bigger research projects. All by coding work is shared under open and public licenses, mainly on my own GitHub repository (see top).

## COURSES

### **Danish Diabetes and Endocrine Academy**

REPRODUCIBLE RESEARCH IN R - ADVANCED

*Copenhagen, Denmark*

2023

### **Aarhus University**

ADVANCED R (PHD COURSE)

*Aarhus, Denmark*

2022