

Are you looking for  
a position as a **research assistant**  
to work hands-on with real data sets ?

The research team of *Dr. Dorothea Hämmerer* and *Dr. Matthew Betts* at IKND/DZNE  
(headed by *Prof. Dr. Emrah Düzel*) in Magdeburg is offering

*research assistant jobs*

to students of disciplines relevant regarding data analysis.

### Topics

Neuroimaging of  
cognitive changes in  
ageing and  
dementia

Interventions that  
boost cognitive  
function in ageing  
and dementia

### Skills

Data analysis  
Data visualisation  
Critical thinking  
Problem solving

**R, Matlab, Python,**  
Java, C/C++, Bash

### Methods

(f)MRI, PET

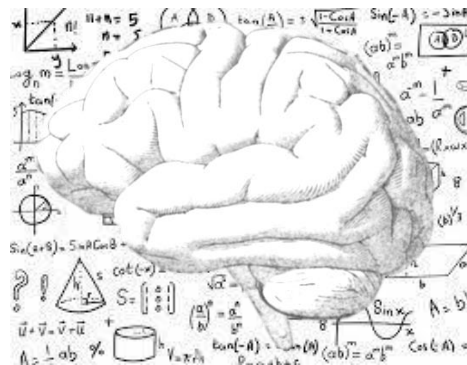
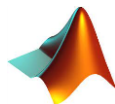
Pupillometry

t-VNS

stimulation

diagnostic

interviews



Your tasks include assisting with analysis of structural and functional MRI data (SPM12 Software / Matlab).

Prerequisite is intermediate knowledge in data analysis and experience in using  
**R, Malab or Python,**  
and preferably interest in cognitive neuroscientific studies (e.g., using fMRI).

If you are interested or have further questions, please contact us / send your CV and references, a brief statement of motivation, as well as your preferred timeframe for working with us to:

[cogneuroludwig@gmail.com](mailto:cogneuroludwig@gmail.com)

<http://iknd.med.ovgu.de/>

Dr. Dorothea Hämmerer, Dr. Matthew Betts  
DZNE, Leipziger Strasse 44, Haus 64  
39120 Magdeburg