



A collaboration of
IA, CoBTEK, DFKI, Inria, UoE and ki elements

AI-empowered speech analysis for neurological/psychological diagnosis support

Prof. Philippe Robert:

Thanks to collaboration with ki elements and DFKI, we can have tomorrow's medical innovation at our fingertips today. I think that such innovative research collaborations lead the digital transformation towards computer-supported diagnostics in neuropsychiatry.



Dr. Alexandra König:

As a practitioner, I have years of experience in detecting subtle indications of patients' cognitive impairments. Now, thanks to advanced speech technology, I have new tools to objectively substantiate what I read in the patient's voice making my work more efficient and my diagnostic decisions more confident.



Dr. Jan Alexandersson:

I'm very excited to join forces with Innovation Alzheimer to co-create the next-generation tool for clinicians working on cognitive tests for dementia patients. The result is based on cutting-edge artificial intelligence and computational linguistics technologies. We have named it "Delta"!



An EIT Digital Wellbeing Innovation Activity
www.eitdigital.eu



Delta makes the difference!



Delta records:

Delta records and saves speech data and synchronises it with your Hospital Information System. This allows you to easily re-listen to patients and empowers your professional decisions.

Delta transcribes:

Delta automatically transcribes answers from cognitive speech tests to keep your attention free for the most important thing: your work with the patient.



Delta analyses:

Delta leverages AI and computational linguistics to extract and analyse powerful scientific metrics from patients' answers.

Delta charts:

Delta gives you comprehensive insight by visualising the extracted metrics. Combined with population cut-off values, this visualisation helps to enrich your professional impression.



Delta reports:

Delta compiles your test analyses, visualisations and your interpretation/diagnosis into a digital report formatted to your clinic's guidelines.

What will your Delta look like?

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