

Persontilpasset KI-basert nevrodiagnostikk



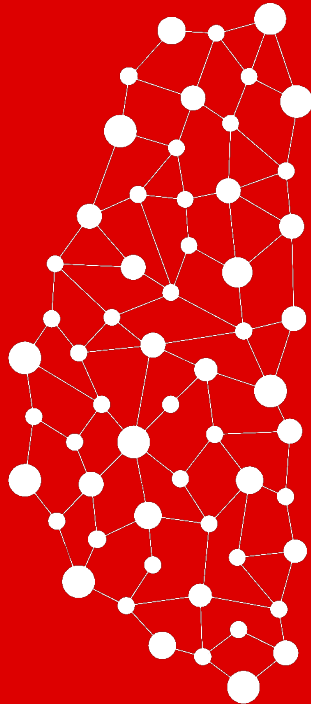
Esten H. Leonardsen

Post-doktor ved Psykologisk Institutt,
Universitetet i Oslo

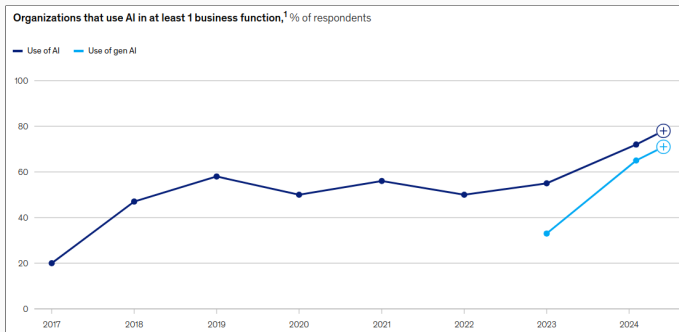
Vitenskapelig ansvarlig, baba.vision



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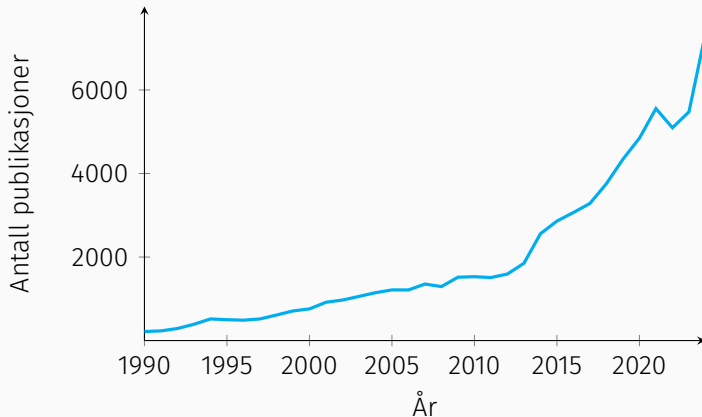


KI-revolusjonen(?)



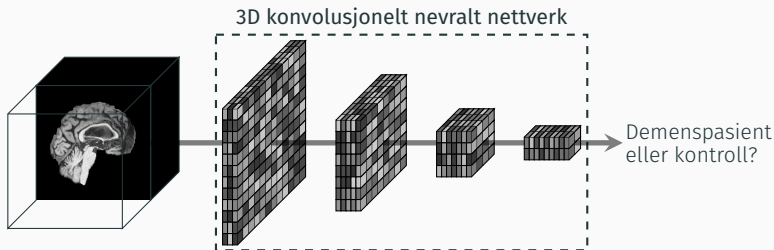
McKinsey & Company, The state of AI: How organizations are rewiring to capture value,
<https://www.mckinsey.com/capabilities/quantumblack/our-insights/the-state-of-ai> (2025)

KI-revolusjonen(?)



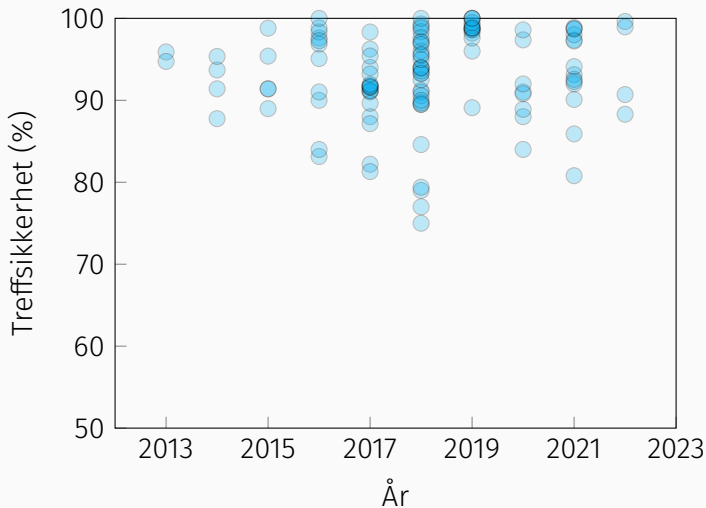
<https://pubmed.ncbi.nlm.nih.gov/>, publikasjoner som inneholder "(neurology OR neuroscience OR neuroimaging) AND (ai OR artificial intelligence OR deep learning)"

KI-revolusjonen(?)



Leonardsen, E. H., ... & Wang, Y. (2024). Constructing personalized characterizations of structural brain aberrations in patients with dementia using explainable artificial intelligence. *NPJ Digital Medicine*, 7(1), 110

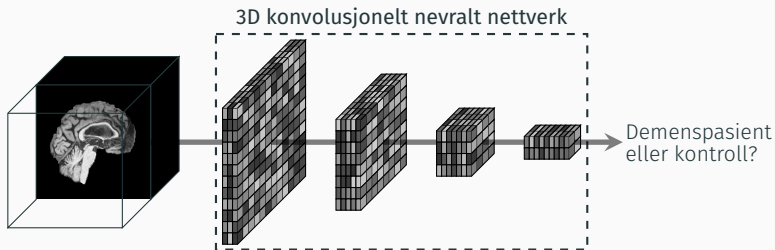
KI-revolusjonen(?)



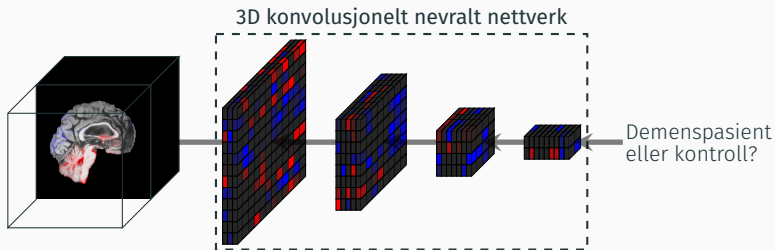
”Innføringen av KI i helse- og omsorgstjenesten har gått saktere enn noen forventet i starten av planperioden”

Helsedirektoratet (2023). Status og forslag til videre arbeid med kunstig intelligens (KI) i helse- og omsorgstjenesten. Oslo: Helsedirektoratet (siste faglige endring 26. oktober 2023). Tilgjengelig fra <https://www.helsedirektoratet.no/rapporter/status-og-forslag-til-videre-arbeid-med-kunstig-intelligens-ki-i-helse-og-omsorgstjenesten>

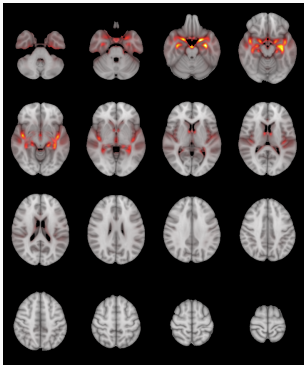
Utfordringer: Forklarbarhet



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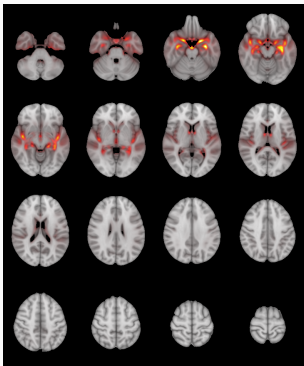


Kunstig intelligens

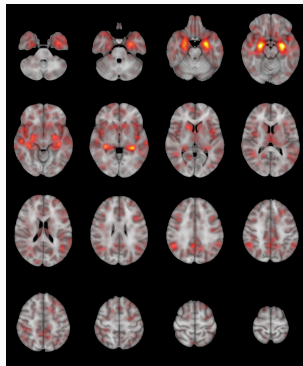


Utfordringer: Forklarbarhet

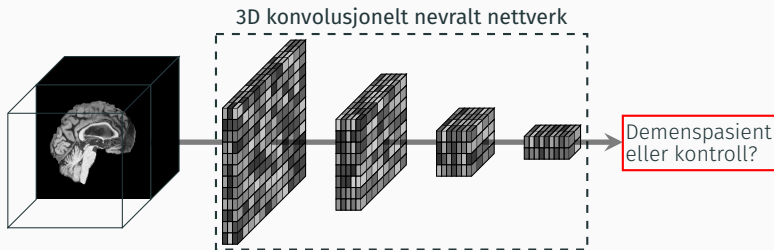
Kunstig intelligens

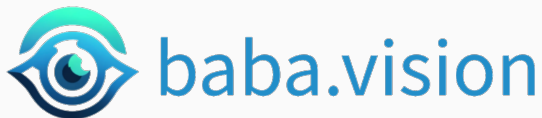


Menneskelige forskere



Utfordringer: Nytteverdi





baba team

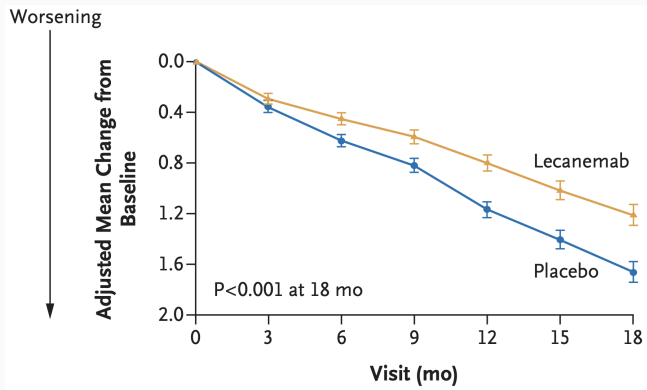
<https://mlflow-server-531474577141.us-central1.run.app/#/experiments/0>

Prediksjon av behandlingsrespons



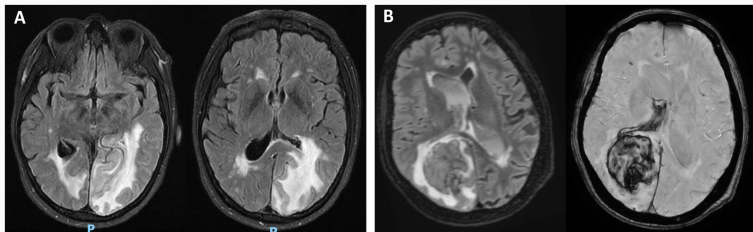
**European Medicines Agency reviews
and revises its opinion on Lecanemab**

Prediksjon av behandlingsrespons



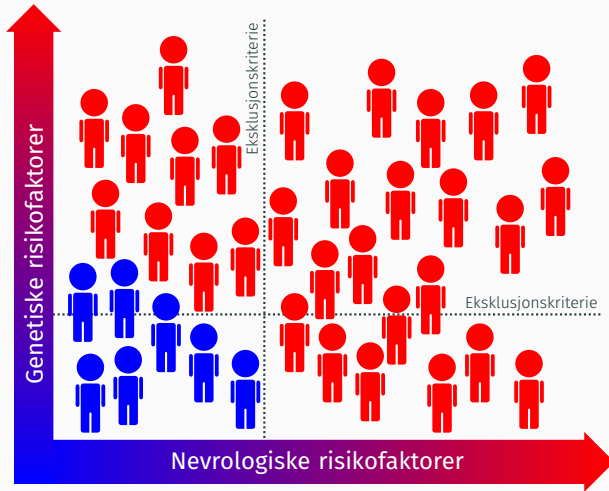
Van Dyck, C. H., Swanson, C. J., Aisen, P., Bateman, R. J., Chen, C., Gee, M., ... & Iwatsubo, T. (2023). Lecanemab in early Alzheimer's disease. *New England Journal of Medicine*.

Prediksjon av behandlingsrespons

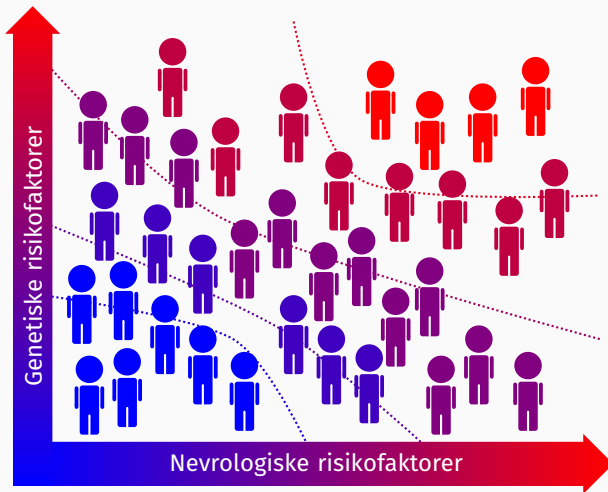


Villain, N., Planche, V., & Levy, R. (2022). High-clearance anti-amyloid immunotherapies in Alzheimer's disease. Part 1: Meta-analysis and review of efficacy and safety data, and medico-economical aspects. *Revue neurologique*.

Prediksjon av behandlingsrespons

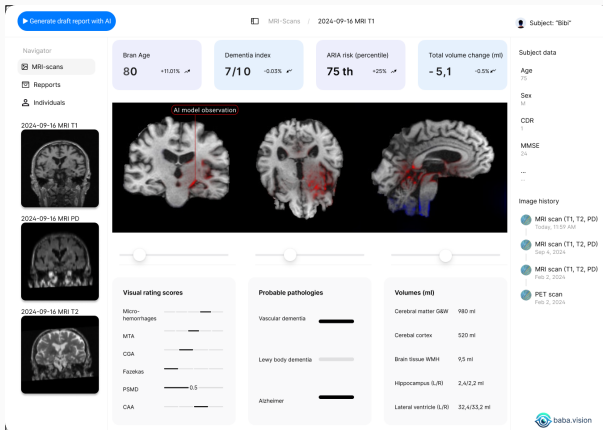


Prediksjon av behandlingsrespons



feasibility study

Prediksjon av behandlingsrespons



Takk for oppmerksomheten!
estenhl@uio.no



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