Persontilpasset KI-basert nevrodiagnostikk

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Vitenskapelig ansvarlig, baba.vision

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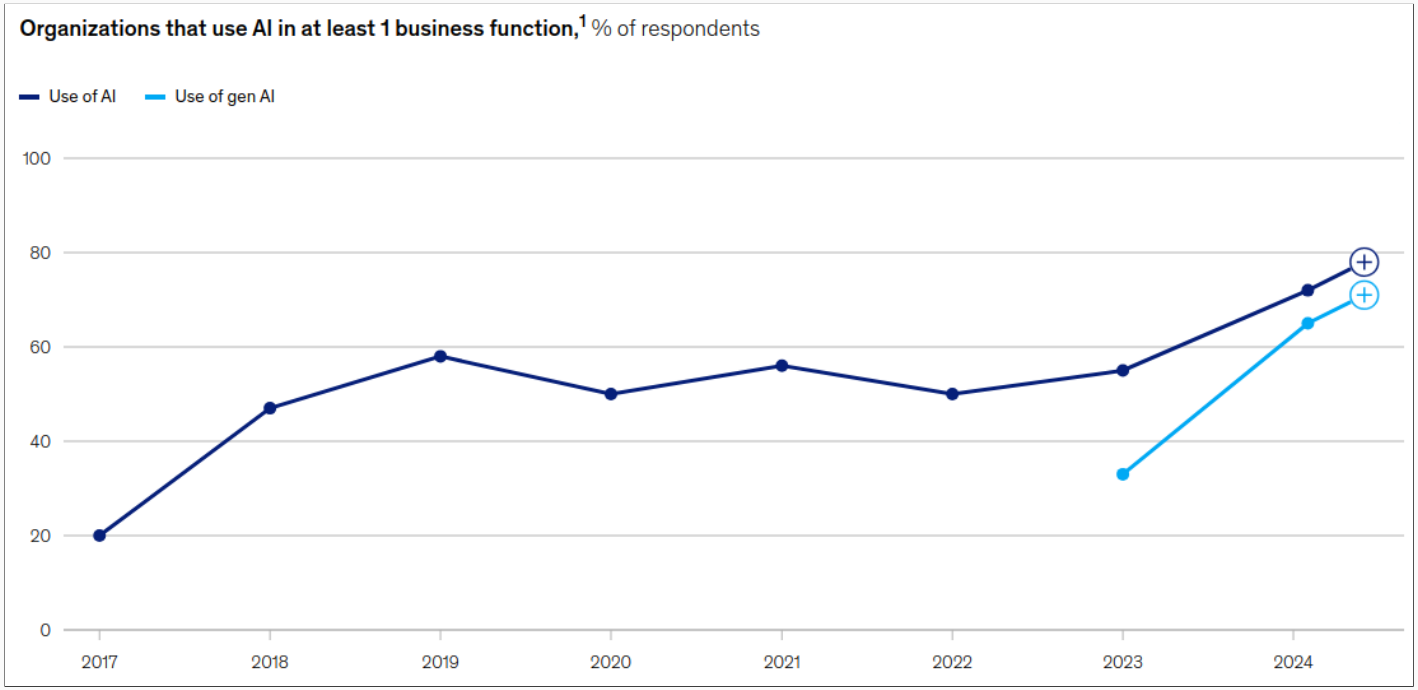
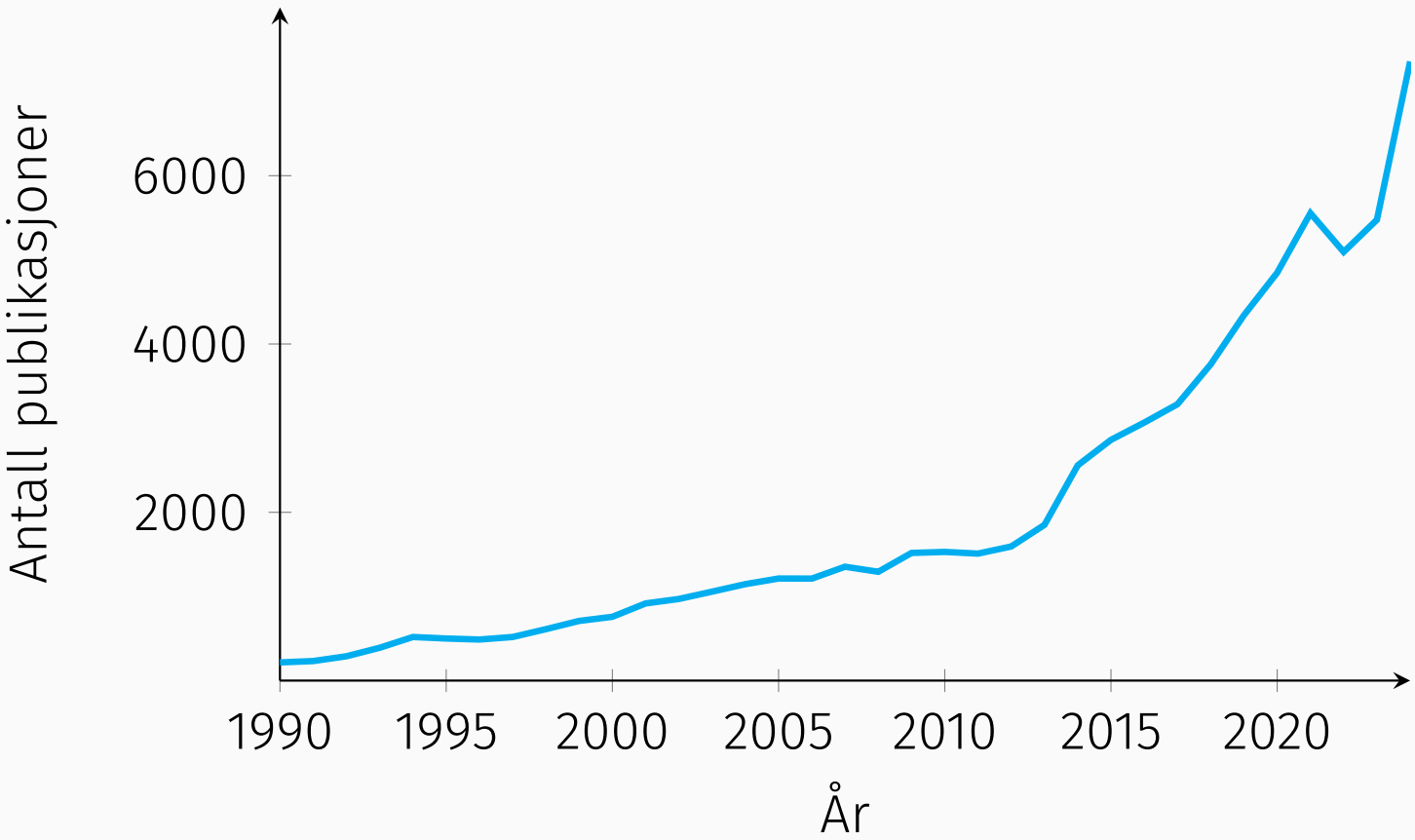
KI-revolusjonen(?)



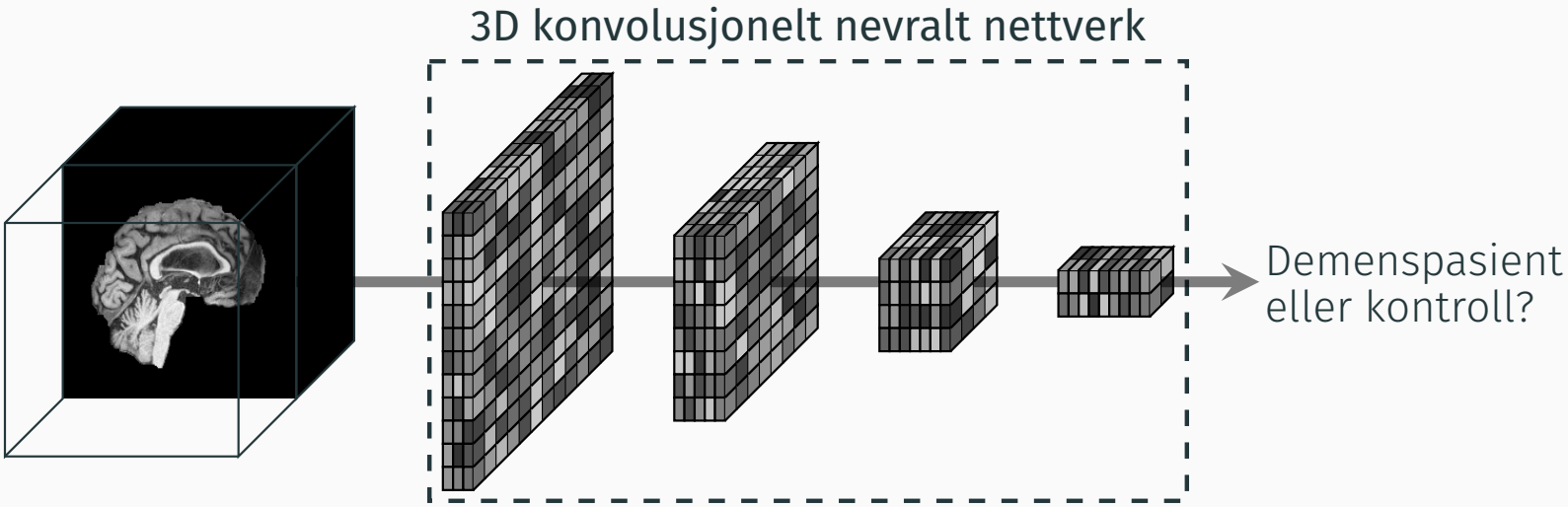
McKinsey & Company, The state of AI: How organizations are rewiring to capture value, *https://www.mckinsey.com/capabilities/quantumblack/our-insights/the-state-of-ai* (2025)

KI-revolusjonen(?)



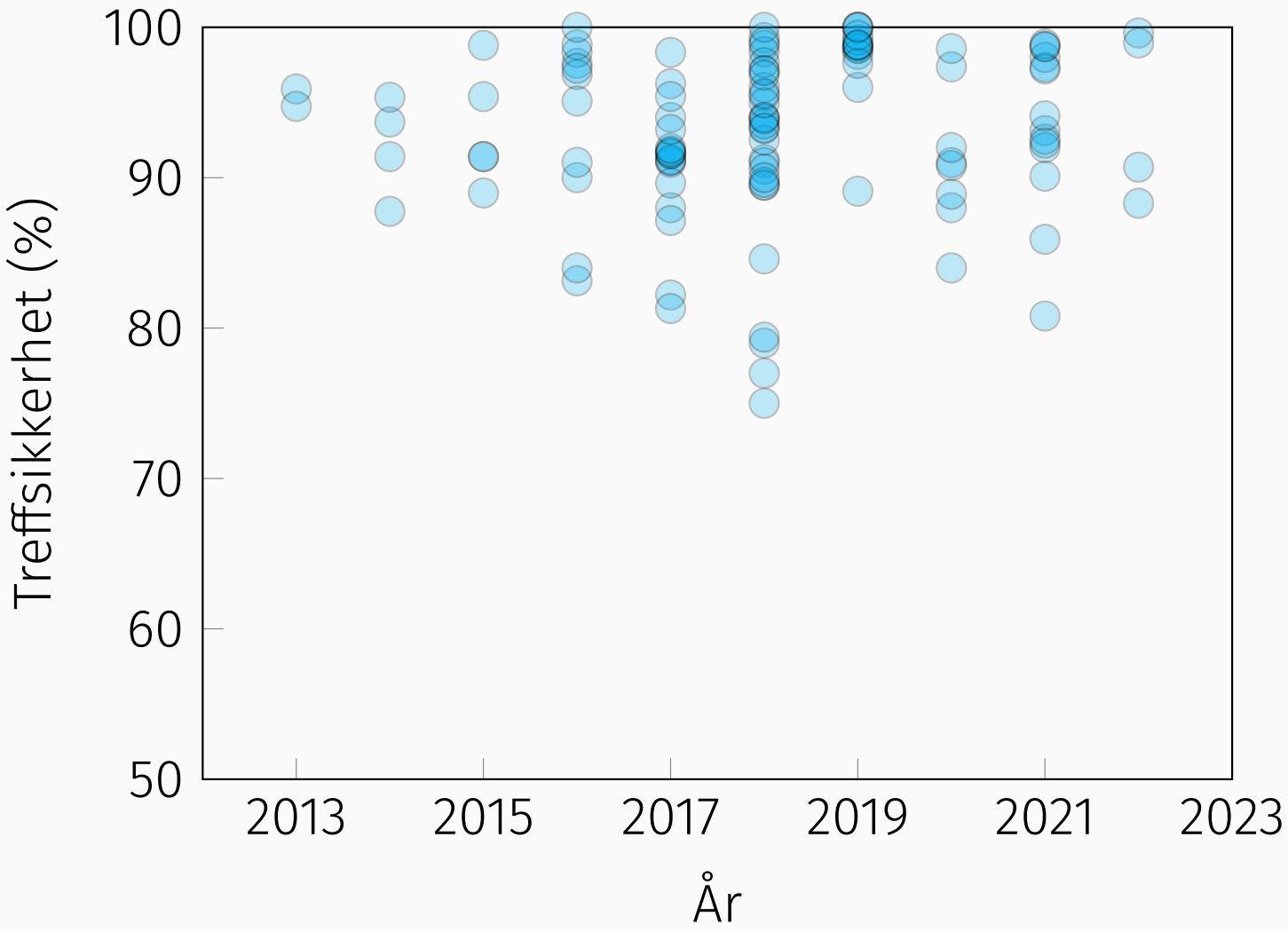
https://pubmed.ncbi.nlm.nih.gov/, publikasjoner som inneholder "(neurology OR neuroscience OR neuroimaging) AND (ai OR artificial intelligence OR deep learning)"

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(?)

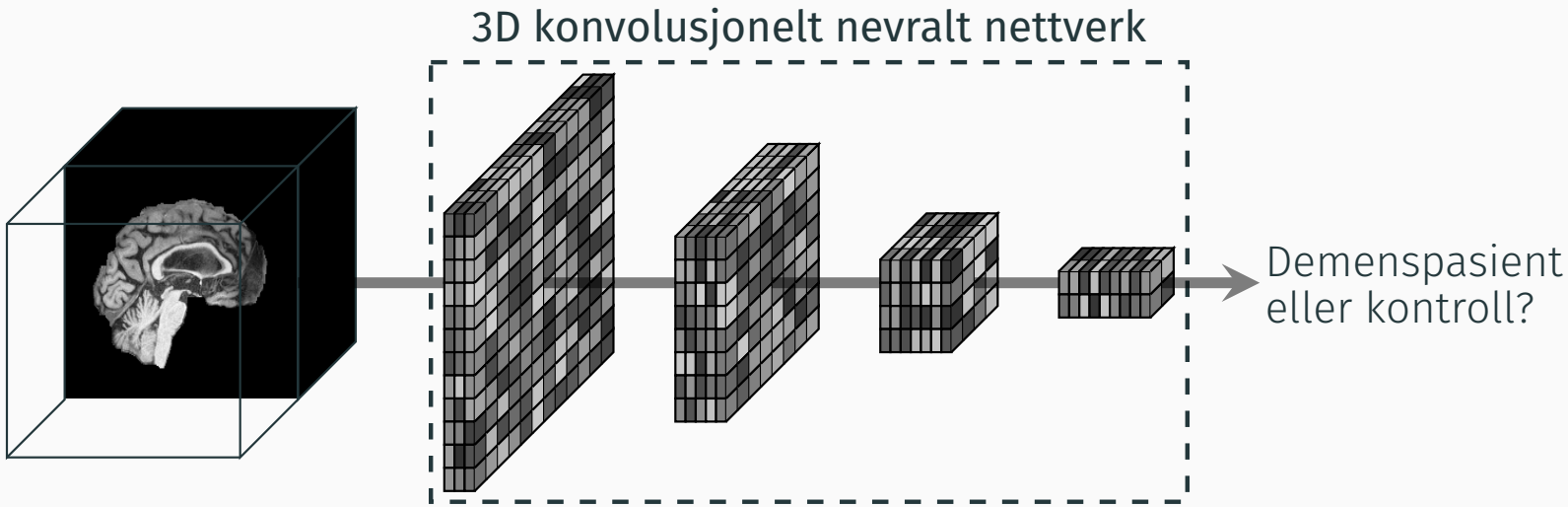


KI-revolusjonen(?)

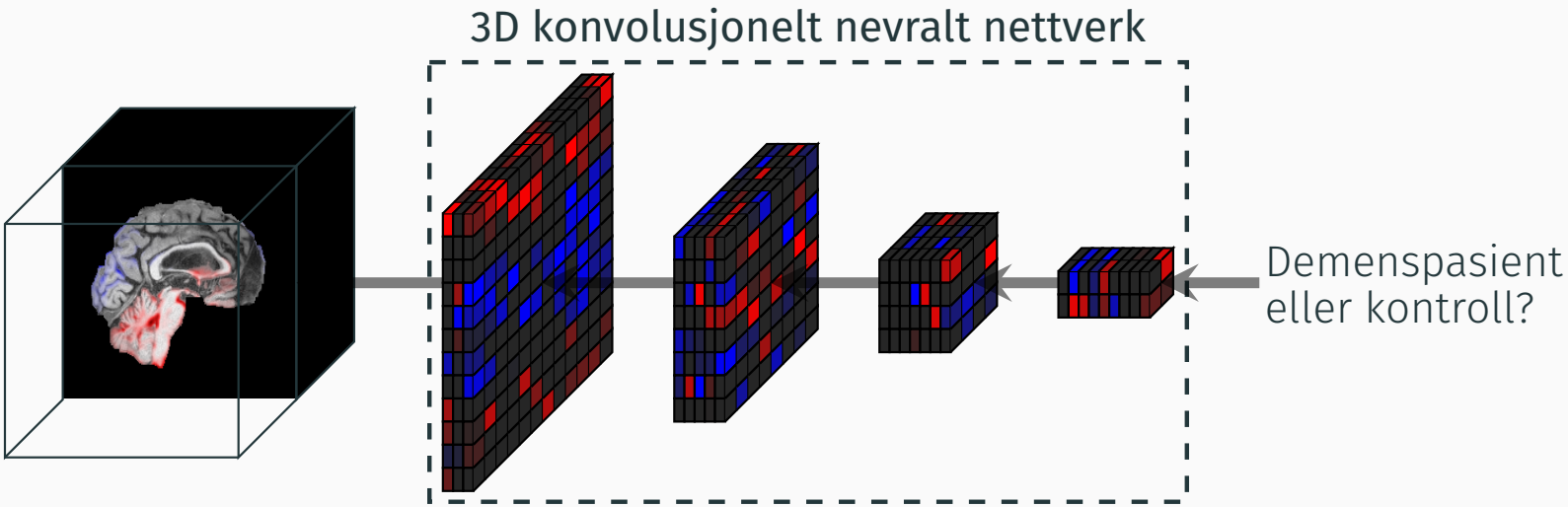
”Innføringen av KI i helse- og omsorgstjenesten har gått saktere enn noen forventet i starten av planperioden”

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

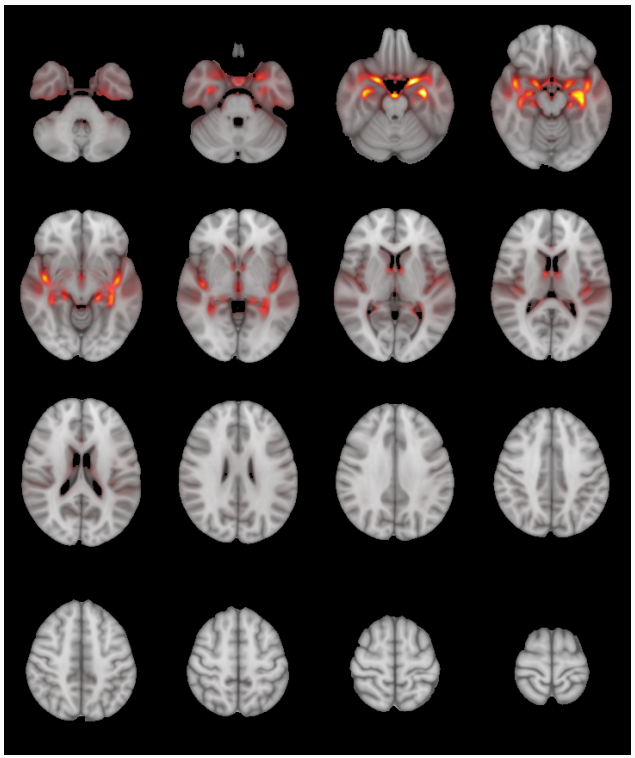


Utfordringer: Forklarbarhet



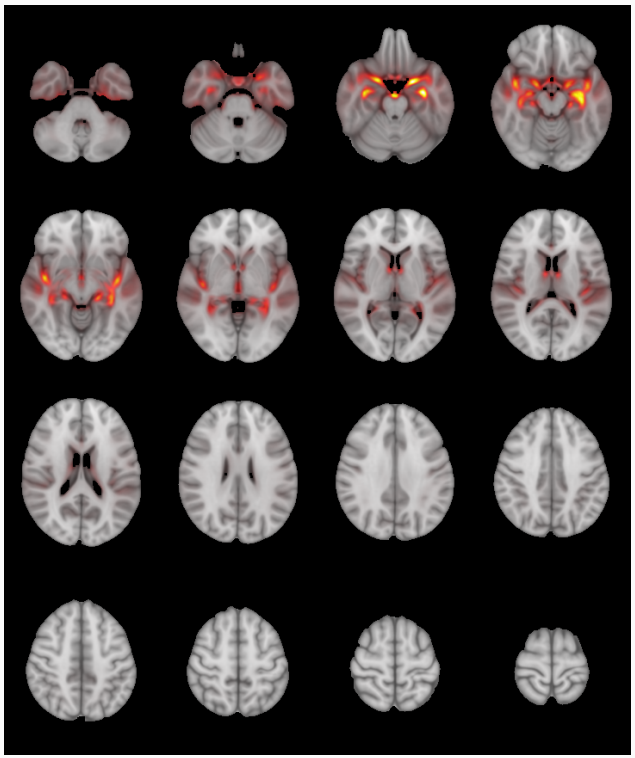
Utfordringer: Forklarbarhet

Kunstig intelligens

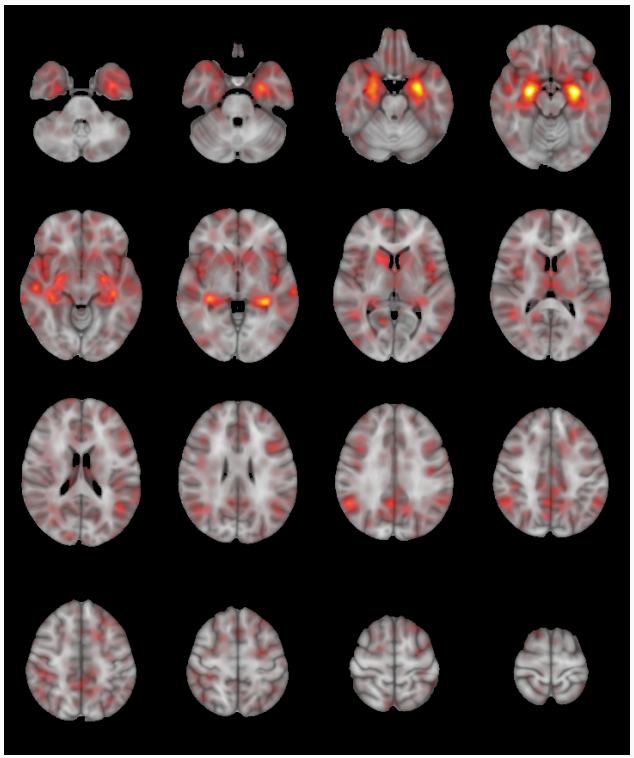


Utfordringer: Forklarbarhet

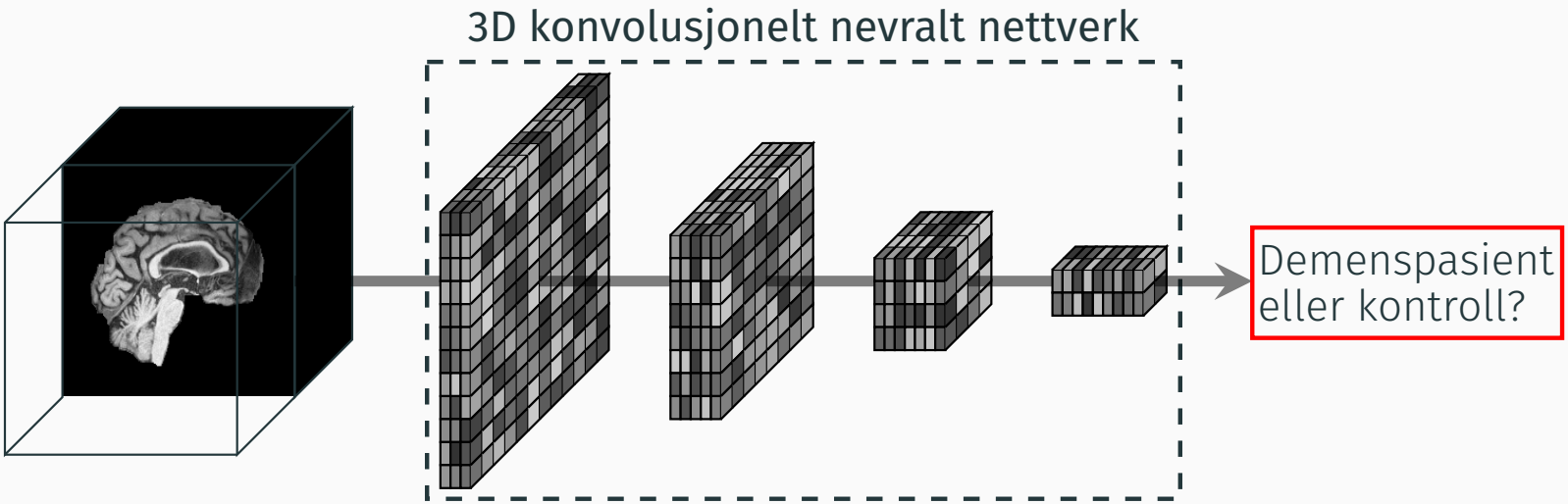
Kunstig intelligens



Menneskelige forskere



Utfordringer: Nytteverdi



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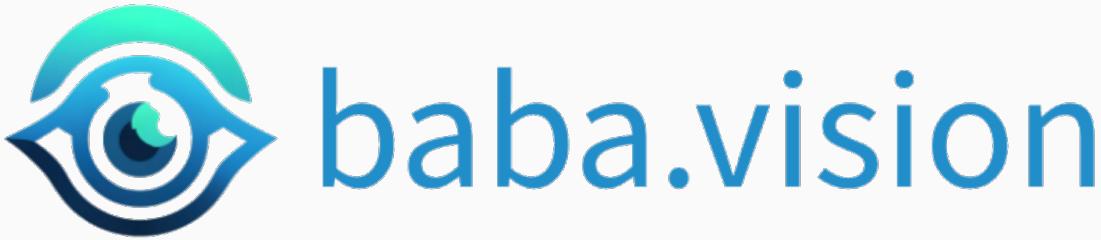

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https://mlflow-server-531474577141.us-central1.run.app/#/experiments/0

Prediksjon av behandlingsrespons

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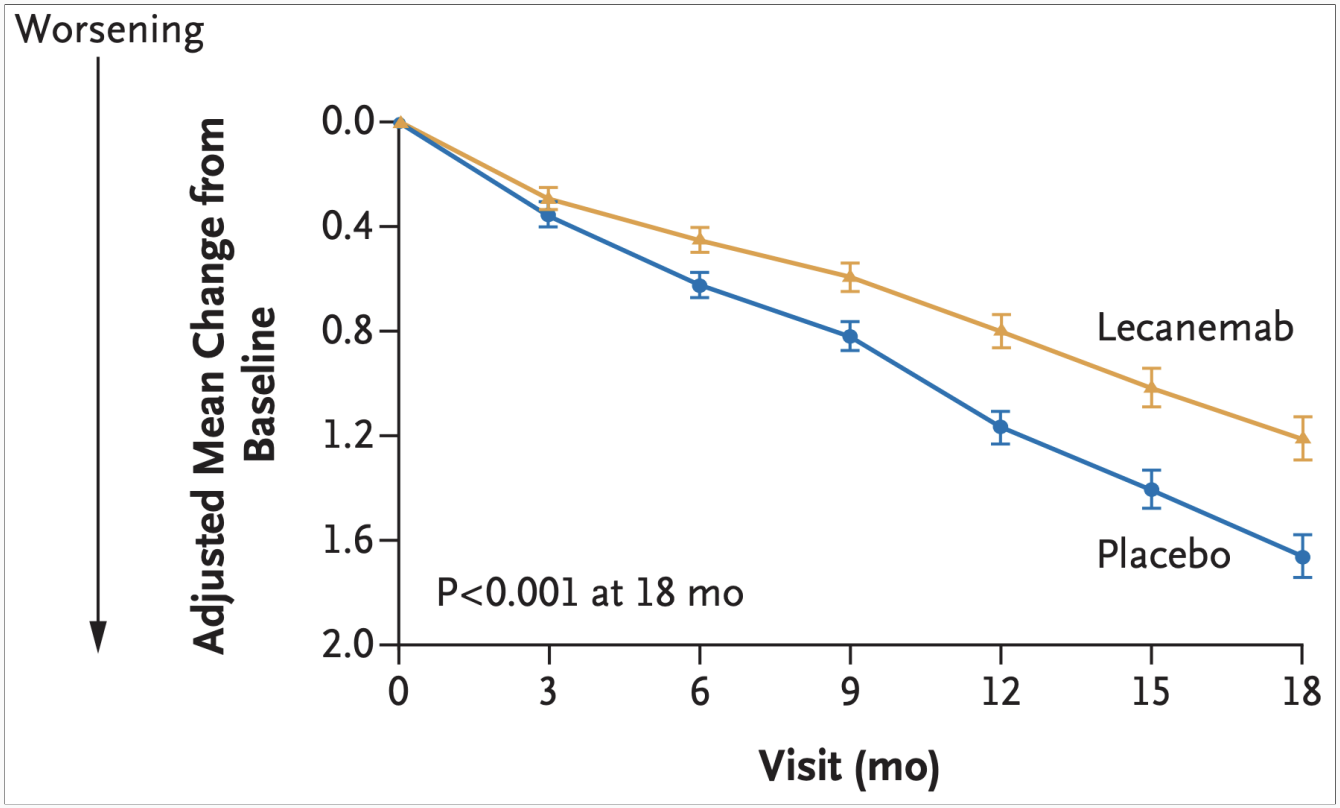

Van Dyck, C. H., Swanson, C. J., Aisen, P., Bateman, R. J., Chen, C., Gee, M., ... & Iwatsubo, T. (2023). Lecanemab in early Alzheimer's disease. *New England Journal of Medicine*.

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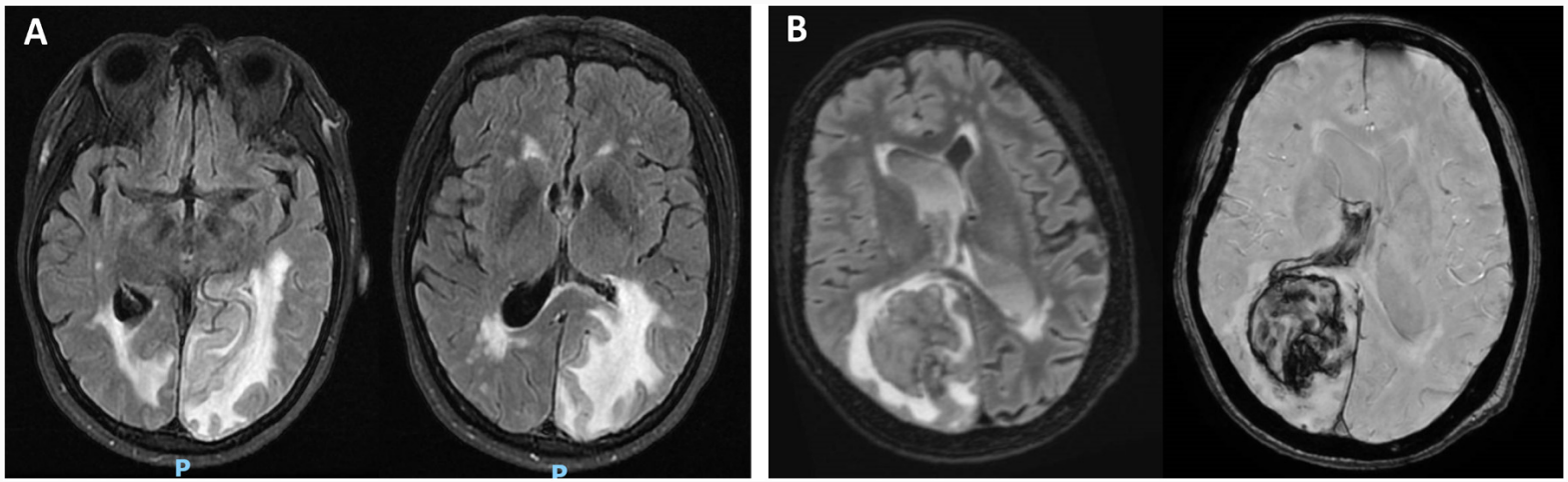
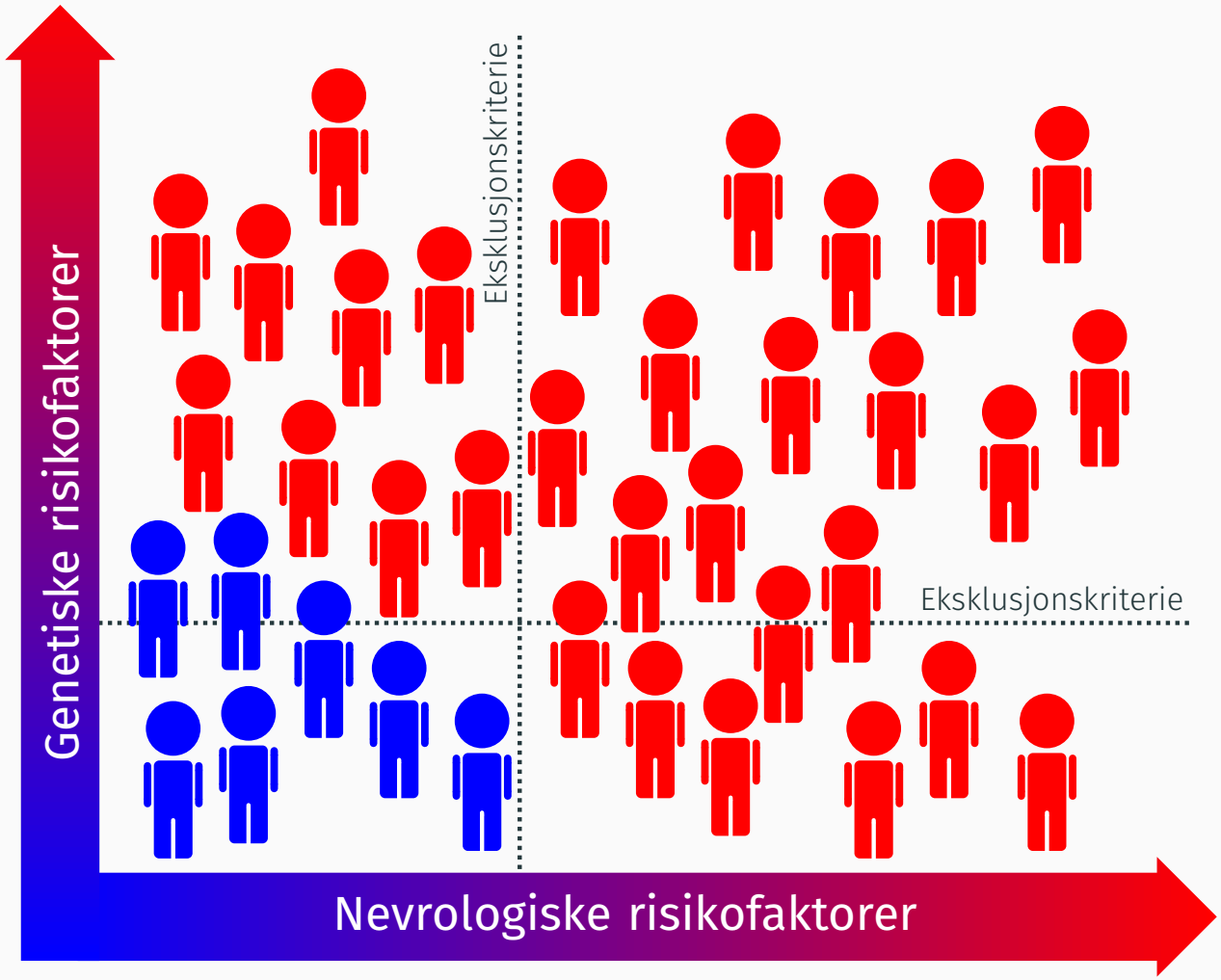


Villain, N., Planche, V., & Levy, R. (2022). High-clearance anti-amyloid immunotherapies in Alzheimer's disease. Part 1: Meta-analysis and review of efficacy and safety data, and medico-economical aspects. *Revue neurologique*.

Prediksjon av behandlingsrespons



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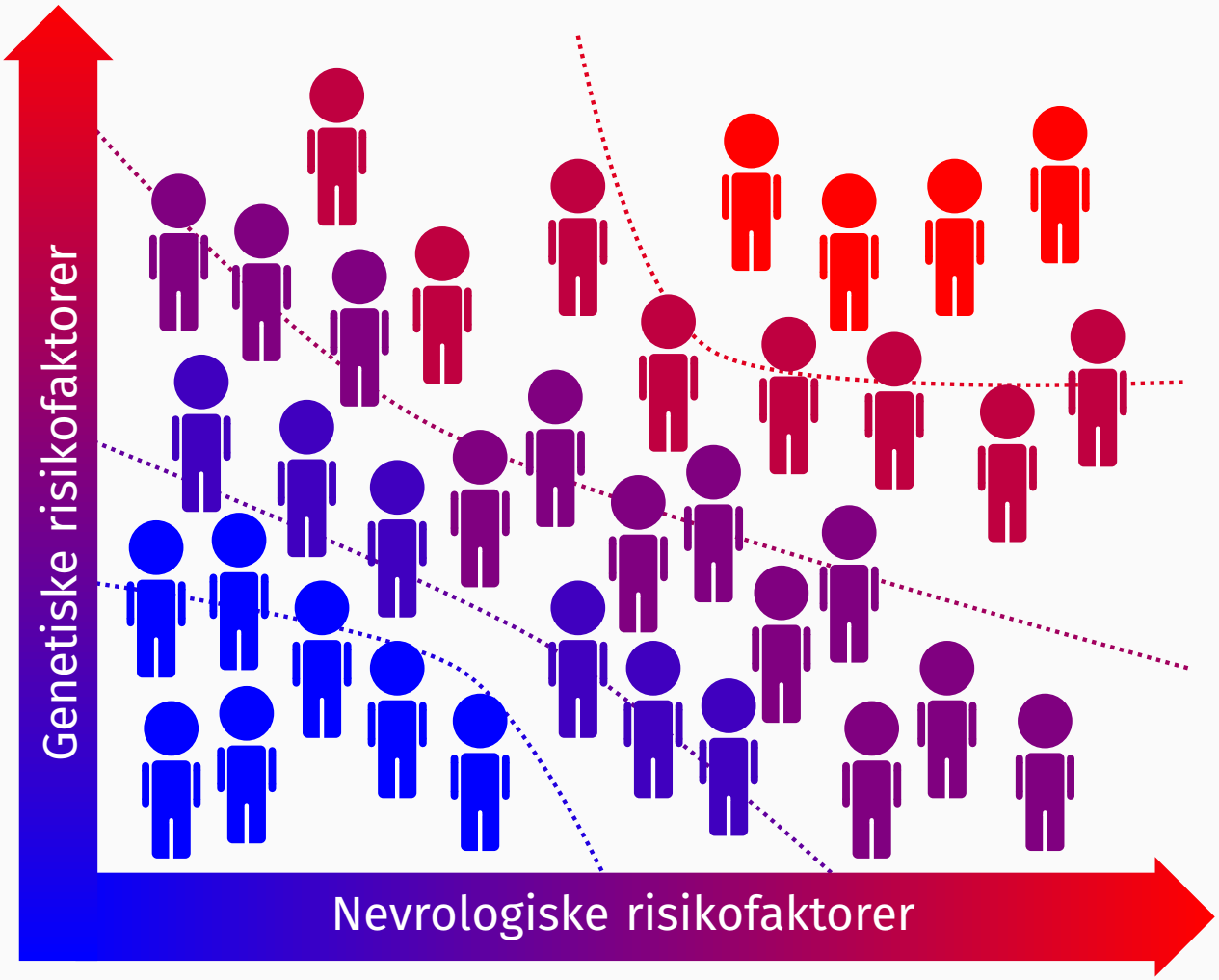
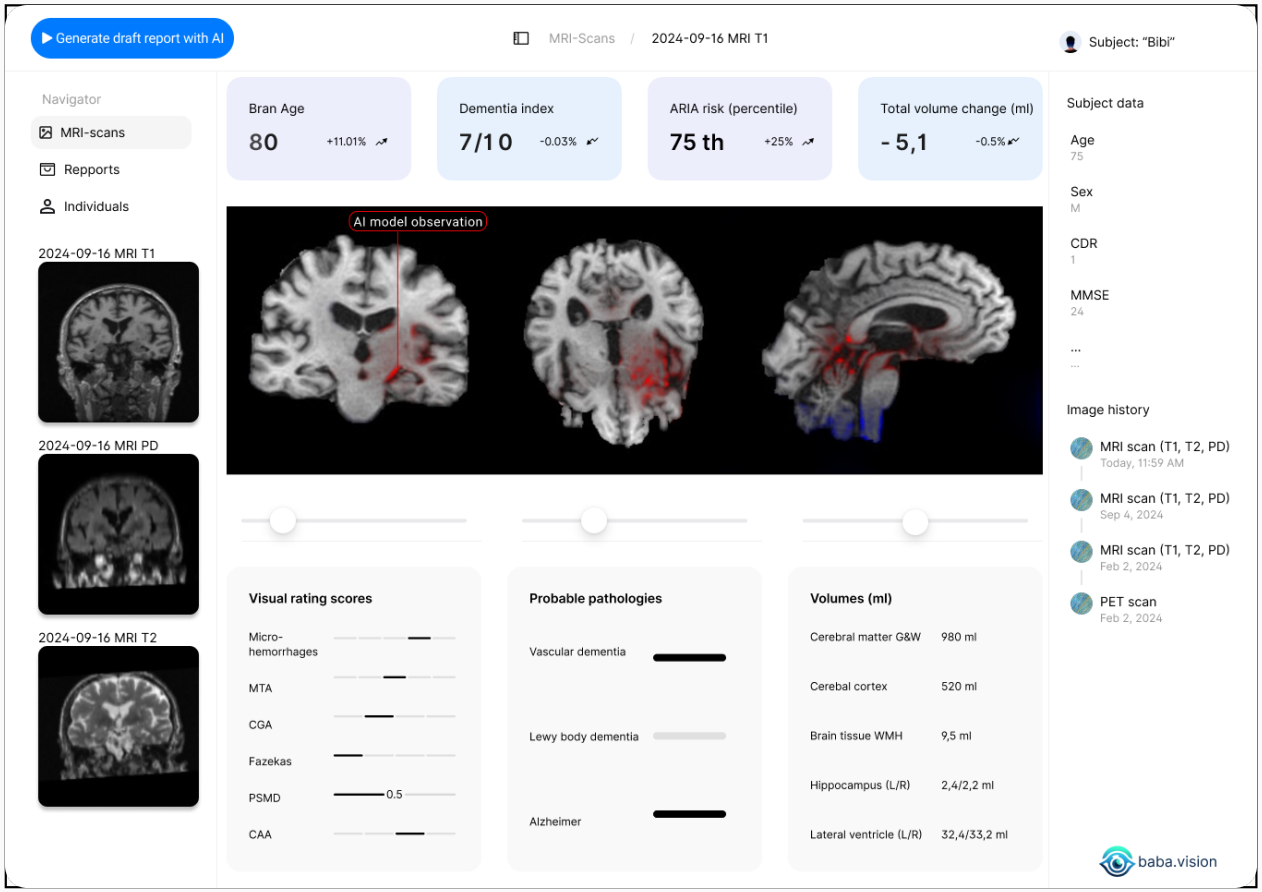


Prediksjon av behandlingsrespons

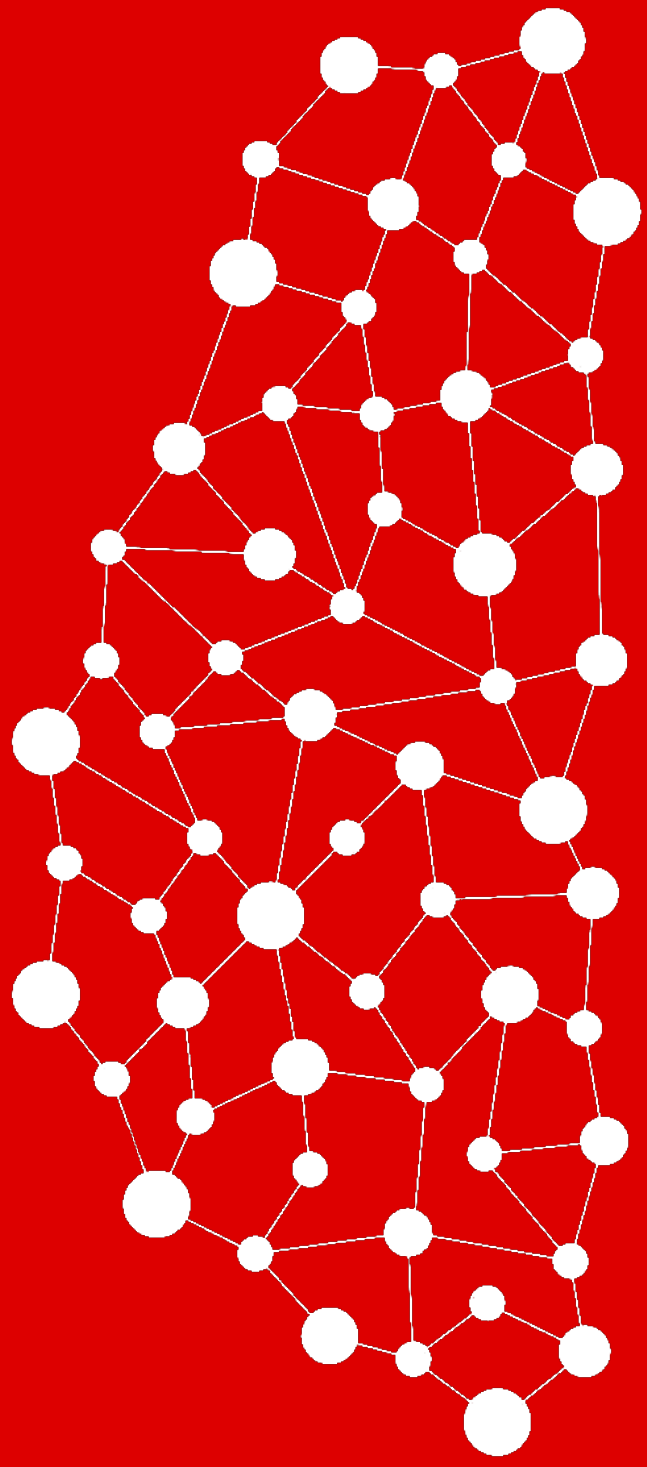
feasbility study

Prediksjon av behandlingsrespons



Takk for oppmerksomheten!

estenhl@uio.no



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