

PreventNCD - AI i Kroniske sygdomme

Claus Lohman Brasen
Biokemi og Immunologi
Overlæge Sygehus Lillebælt

Datakilder
Nationale registerdata
Store spørgeskemaundersøgelser
Datadonor(aktivitet)
Text mining på sygehus og praksisjournaler

Kendte risikofaktorer, bl.a.

Kost
Rygning
Alkohol
Motion

Vejle Sygehus:
Sygehus for Cancer og kroniske
sygdomme
AI projekt: PreventNCD
"Kohorte for kroniske sygdomme"

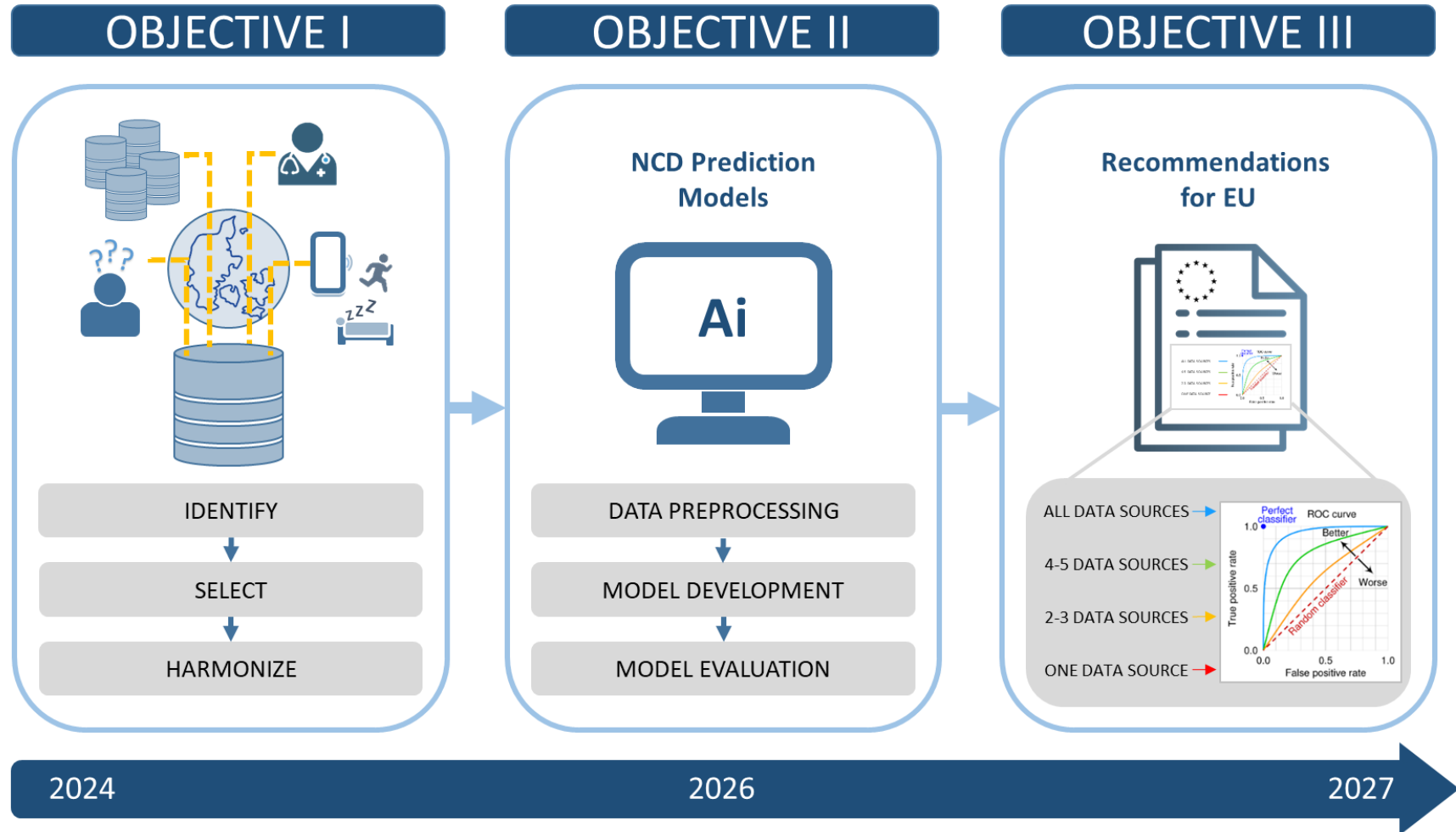
Idé: For at kunne prædiktere
sygdom, kræves de relevante
input/risikofaktorer

Algoritme-udvikling, bl.a.
Cancer hos patienter i praksis
Screening for brystkræft
Screening for tarmkræft
Screening for lungekræft

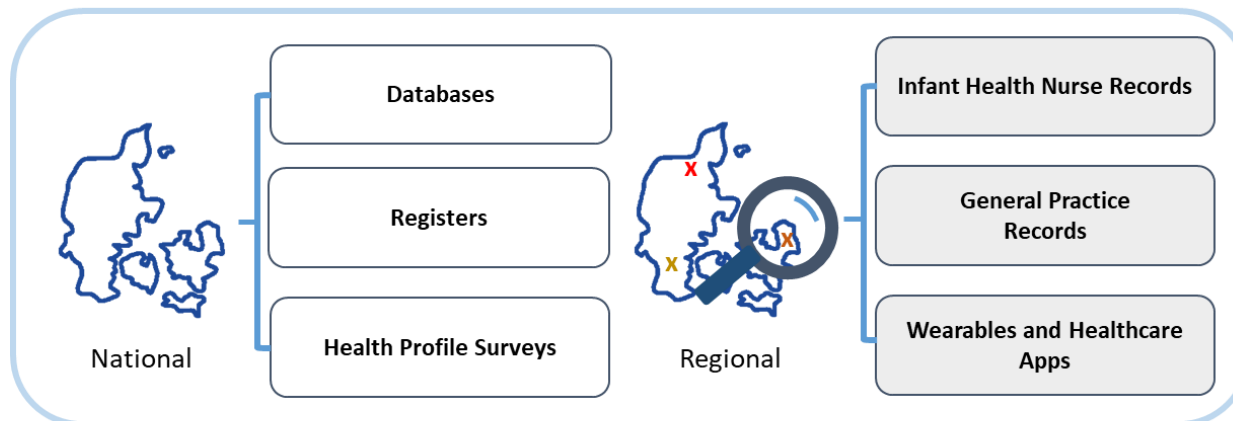
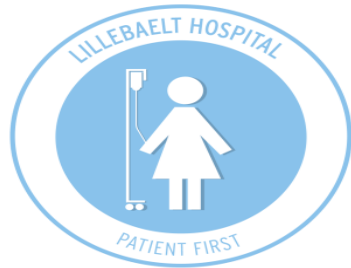
Blodprøver og kliniske data

Kolding Sygehus:
Akutsygehus
AI projekt: Desert

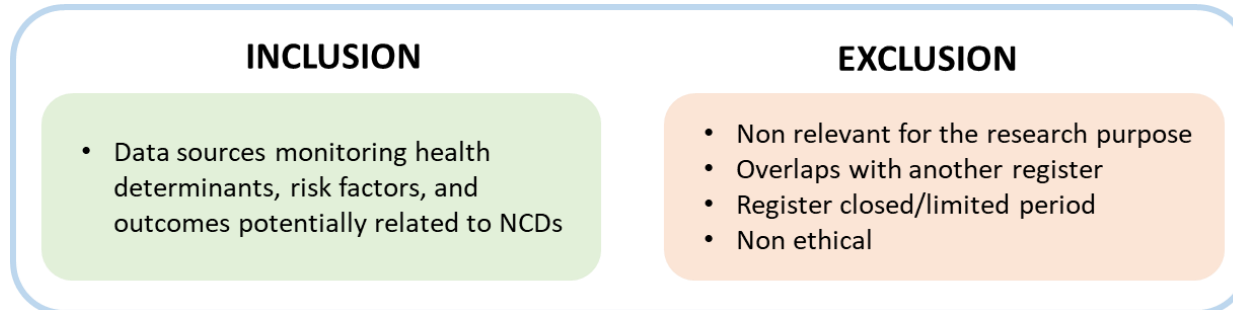




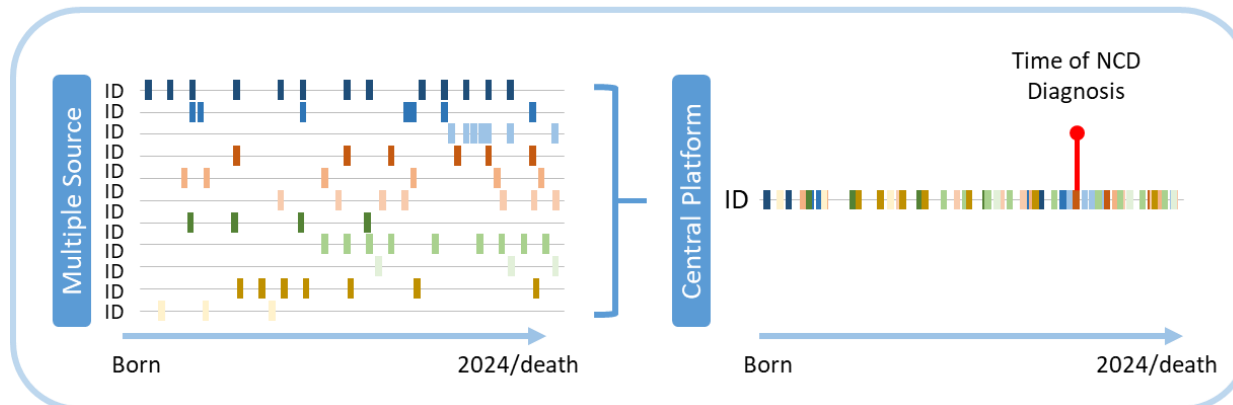
A. Identify Data Sources

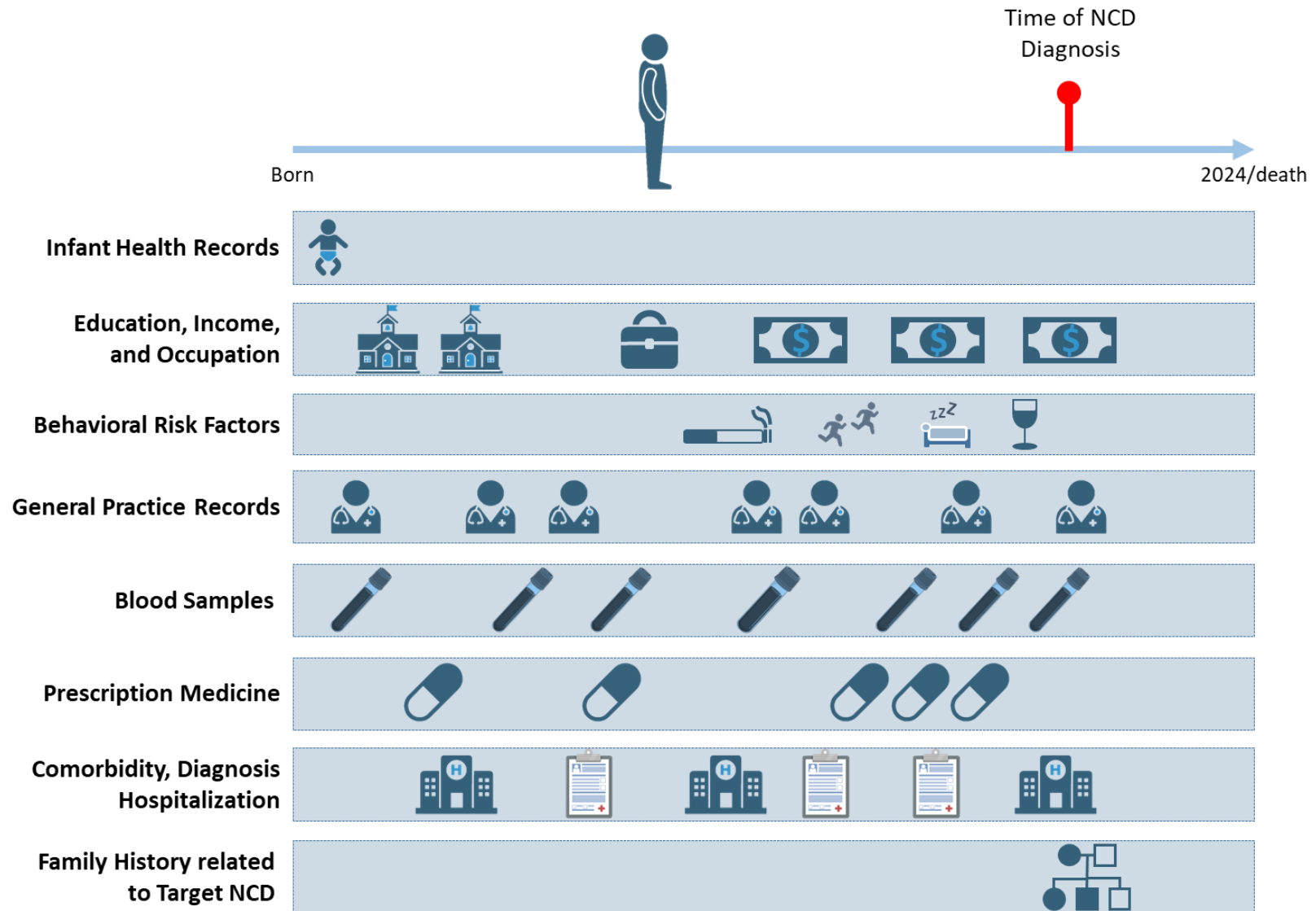


B. Selection Criteria



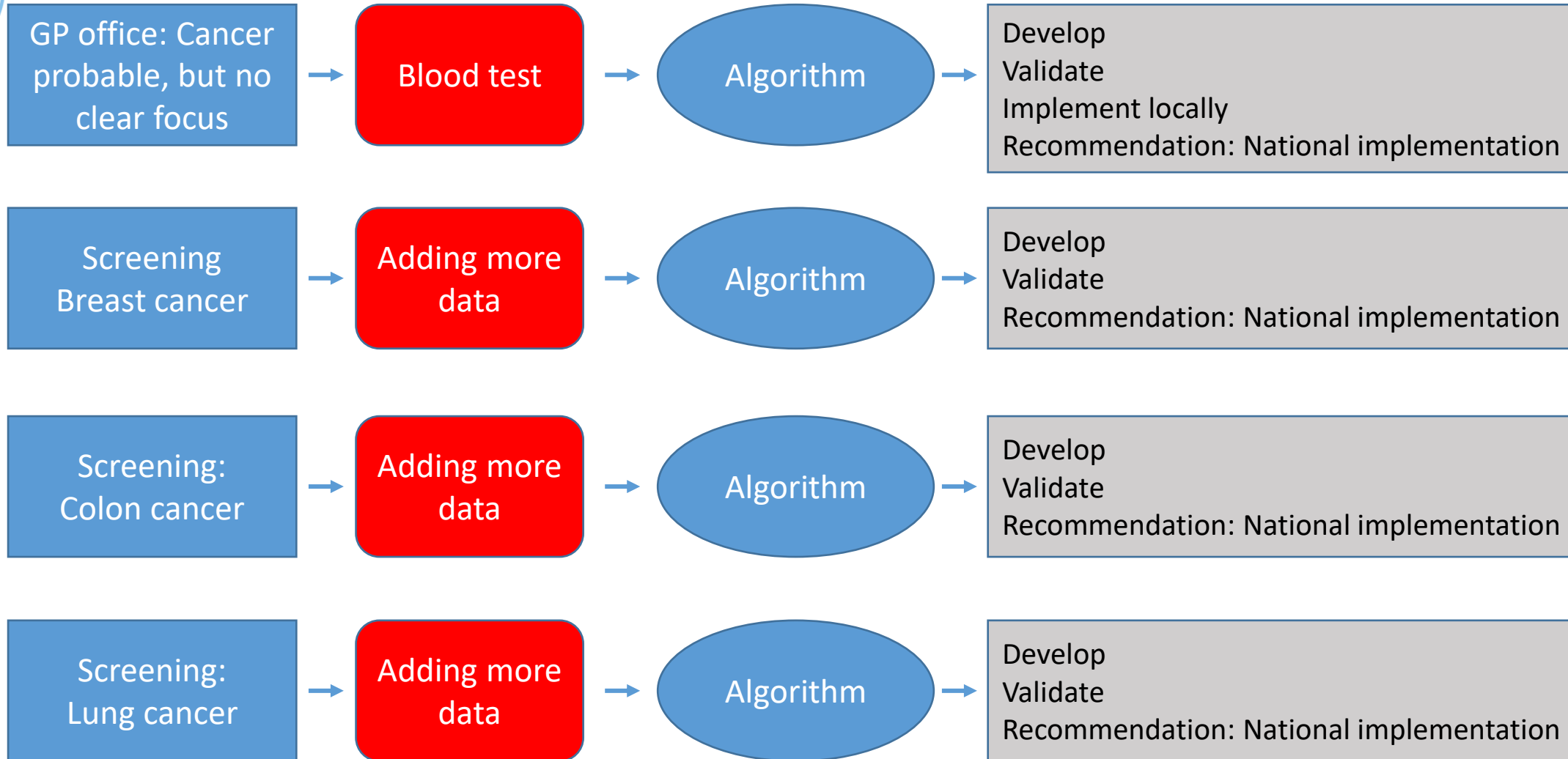
C. Harmonize Data Sources







Examples





Validation in other countries

Norway: Long list of registers for the population: Possible validation.
-on the subgroup of data available in both countries

Implementation in other countries

Recommended available list of variables

Various algorithms on available variables