

RE+BUS

RENOVATING BUILDINGS SUSTAINABLY

EMNE: Er data det nye guld i renoveringer?
STED: Teknologisk Institut
DATO: 6. juni 2019

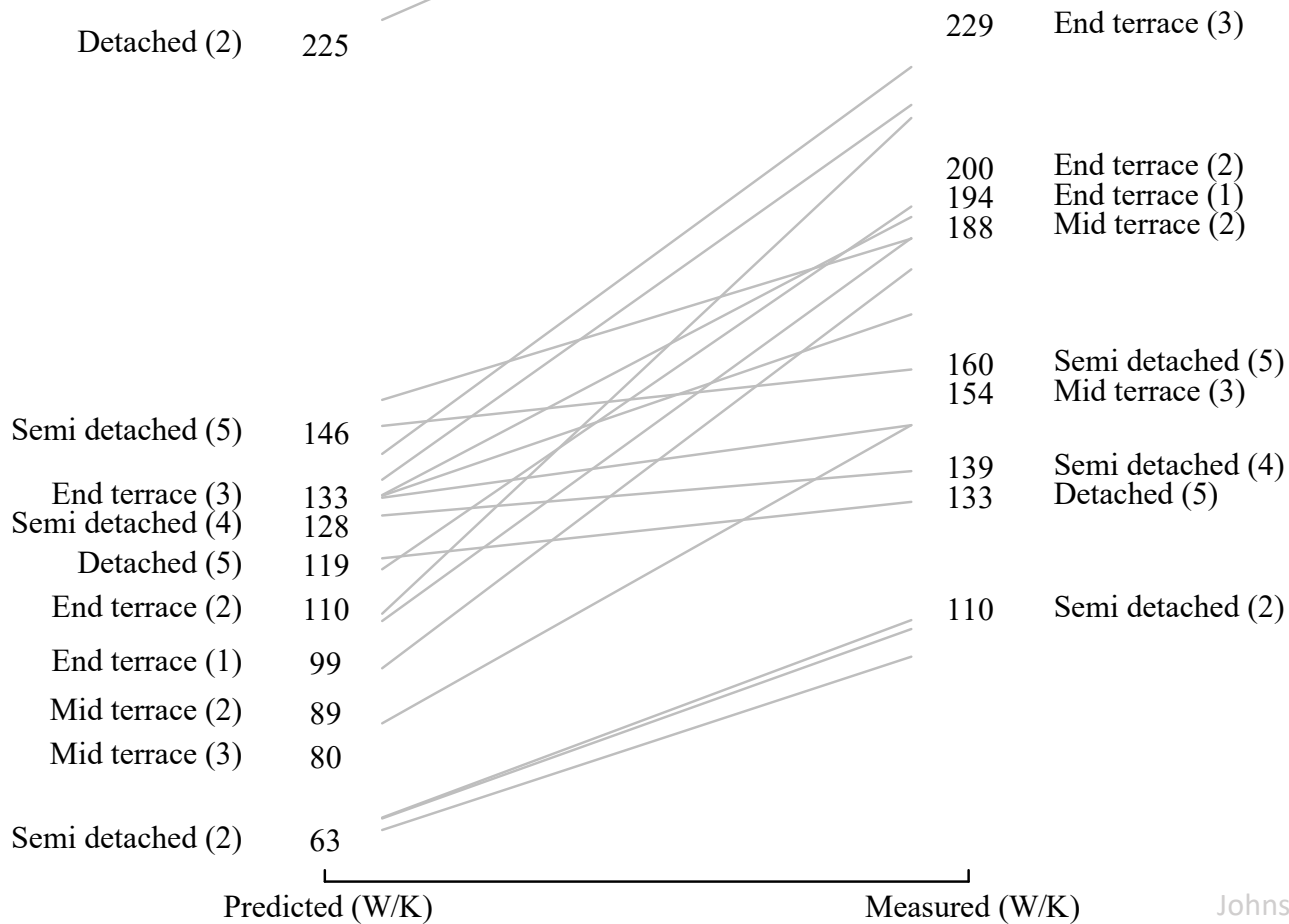
*Én kilowatt-time sparet, er bedre end
enhver kilowatt-time produceret.*

Jørgen Nørgaard, lektor, emeritus, DTU Byg

Én kilowatt-time sparet i dit hjem, er bedre end enhver kilowatt-time sparet i din ingeniørs excel-ark.

Christoffer Rasmussen, PhD-studerende, DTU Compute

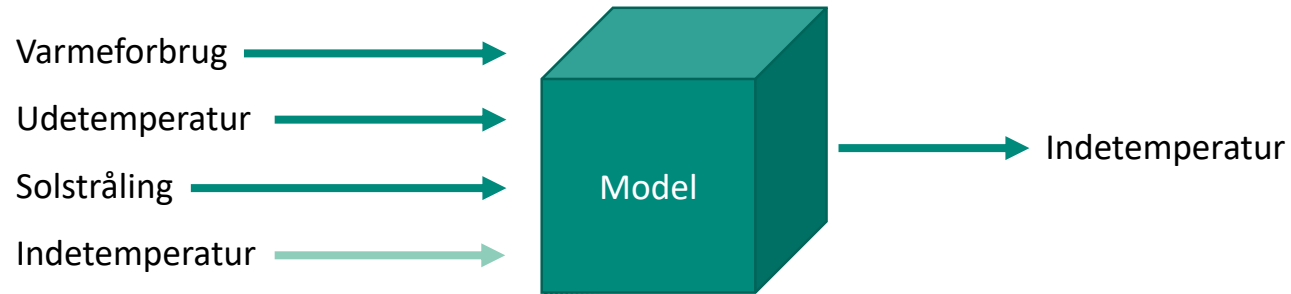
Beregnet kontra målt varmetabskoefficient



Er data det nye guld i
renoveringer?

Modellering

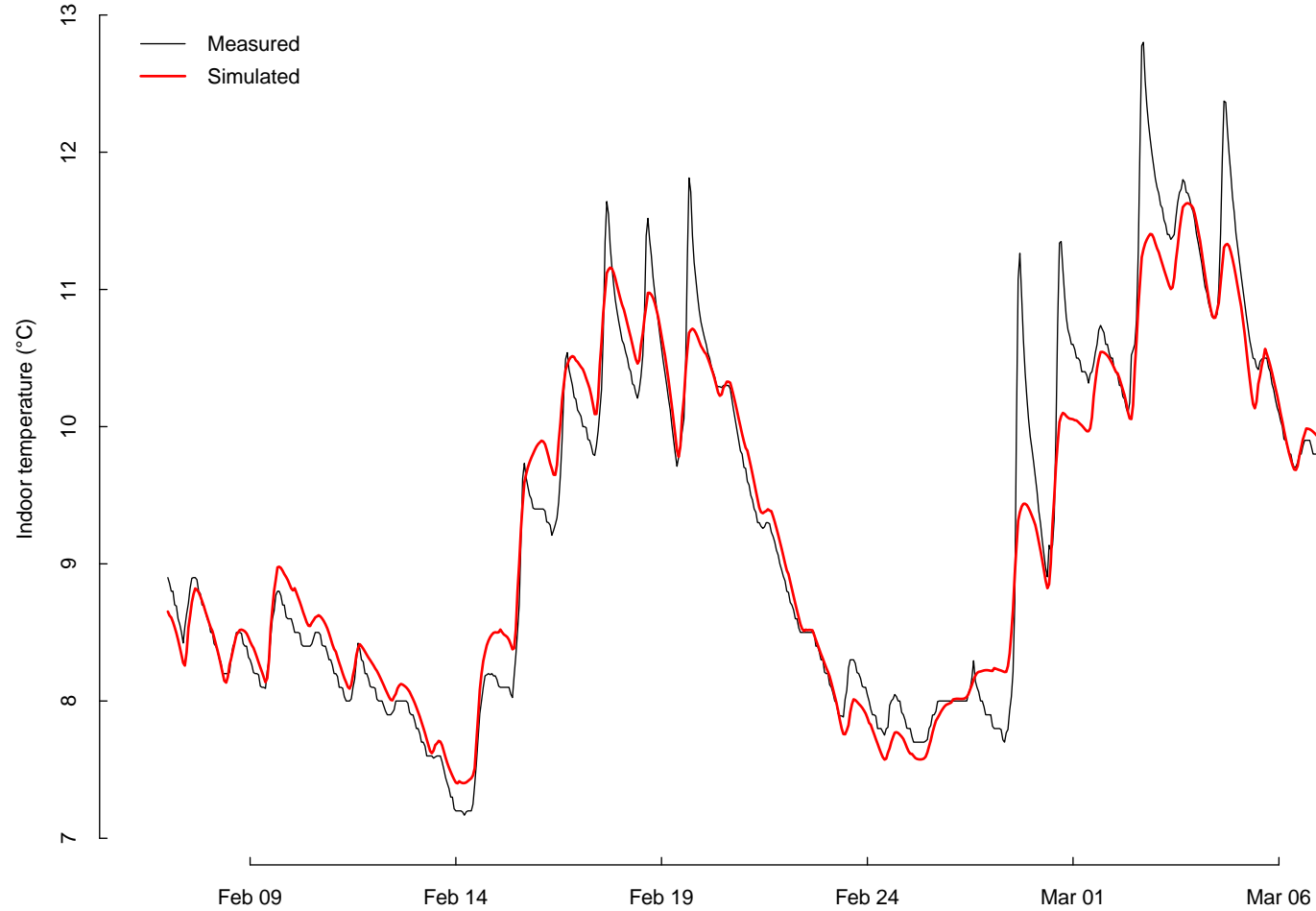
TRÆNINGSDATA – BEBOET MÅLEPERIODE



VALIDERINGSDATA – UBEBOET MÅLEPERIODE

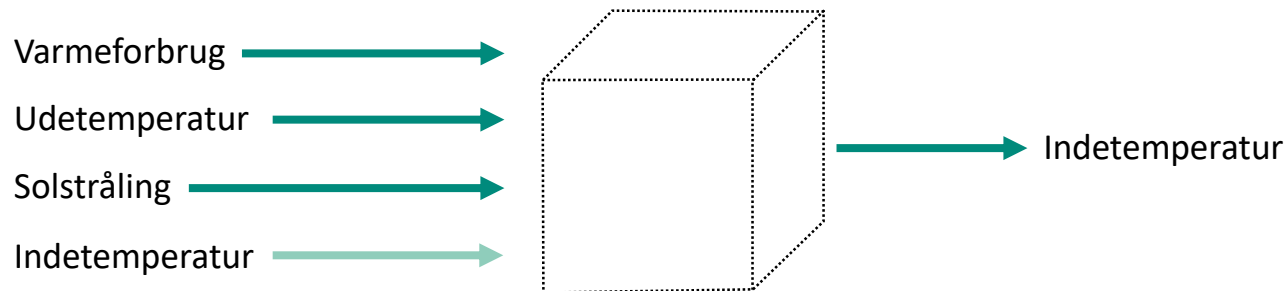


Model validering

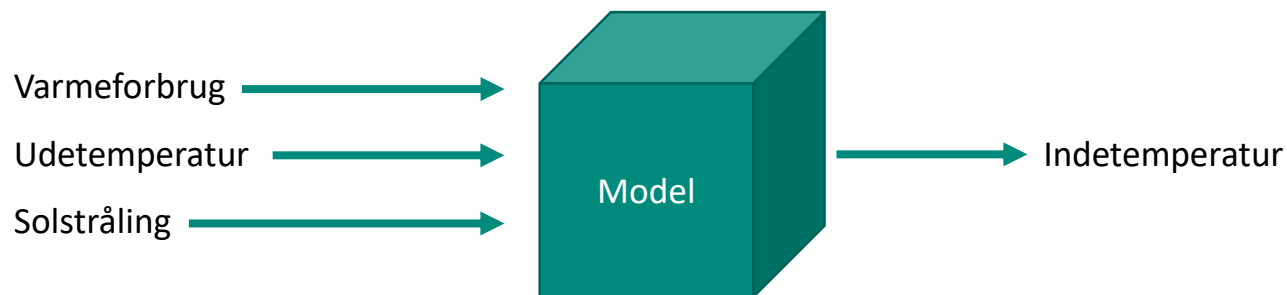


Modellering

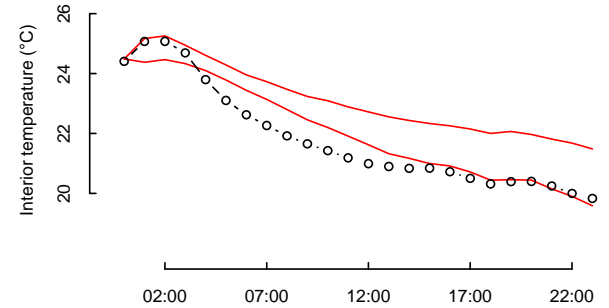
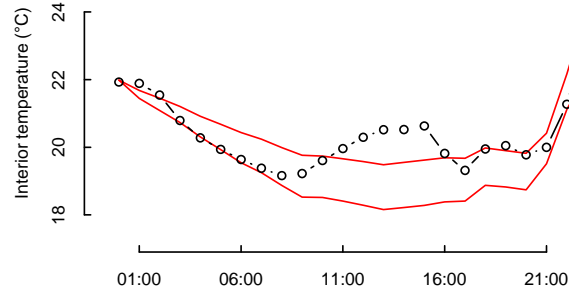
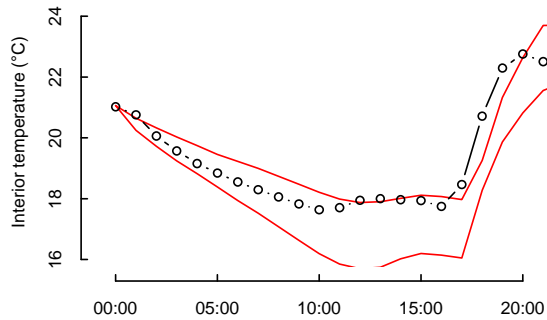
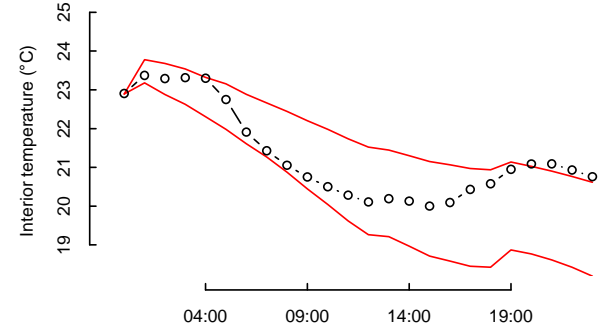
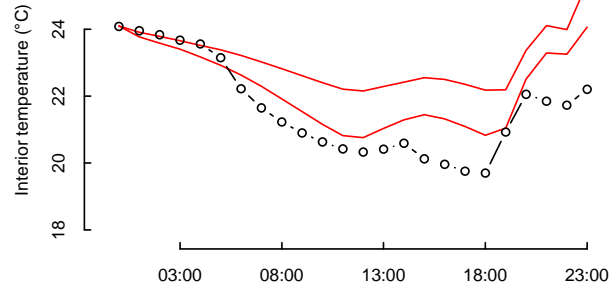
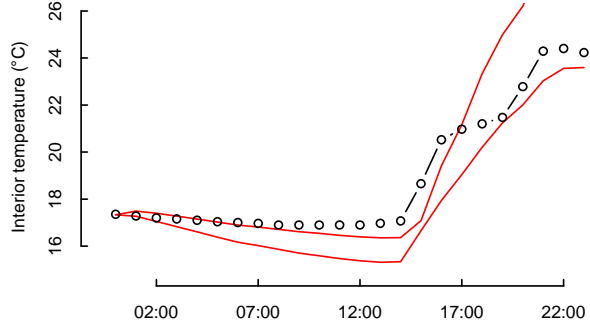
TRÆNINGSDATA – BEBOET MÅLEPERIODE



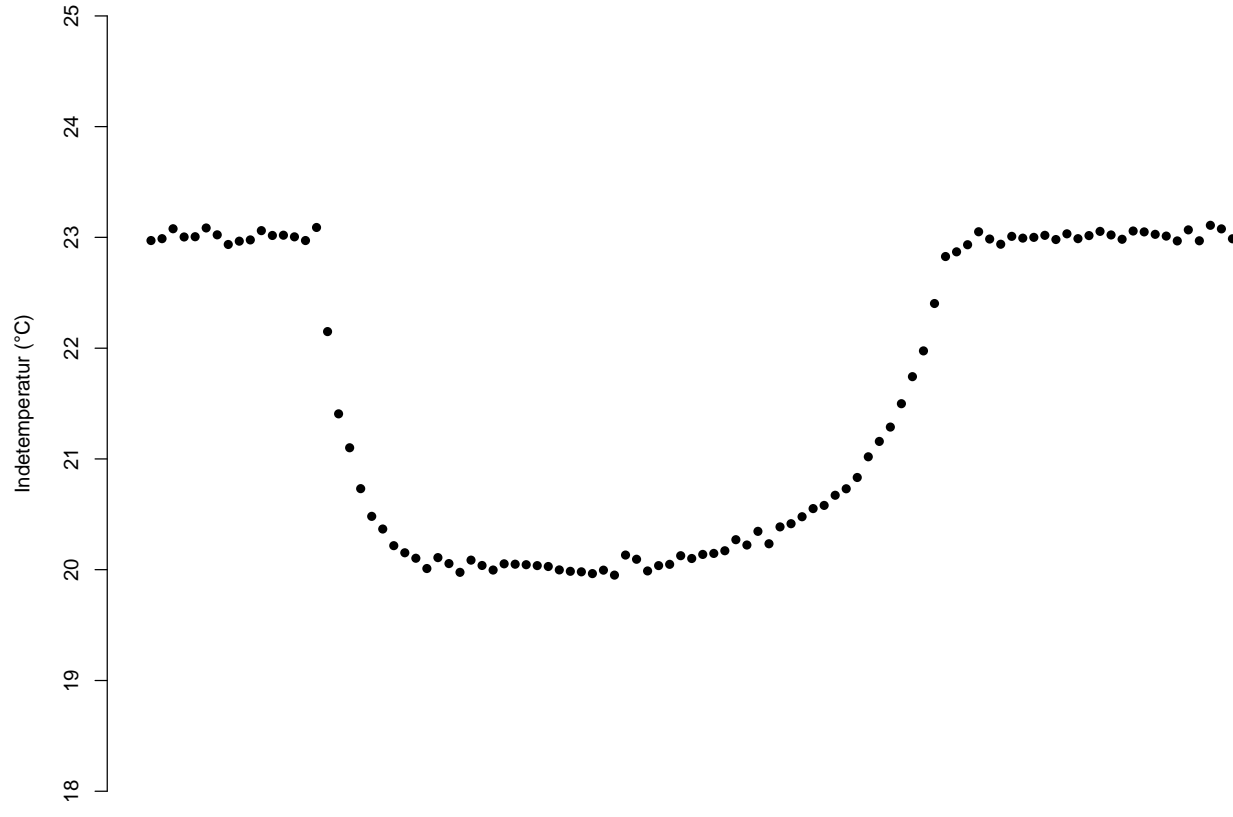
VALIDERINGSDATA – UBEBOET MÅLEPERIODE



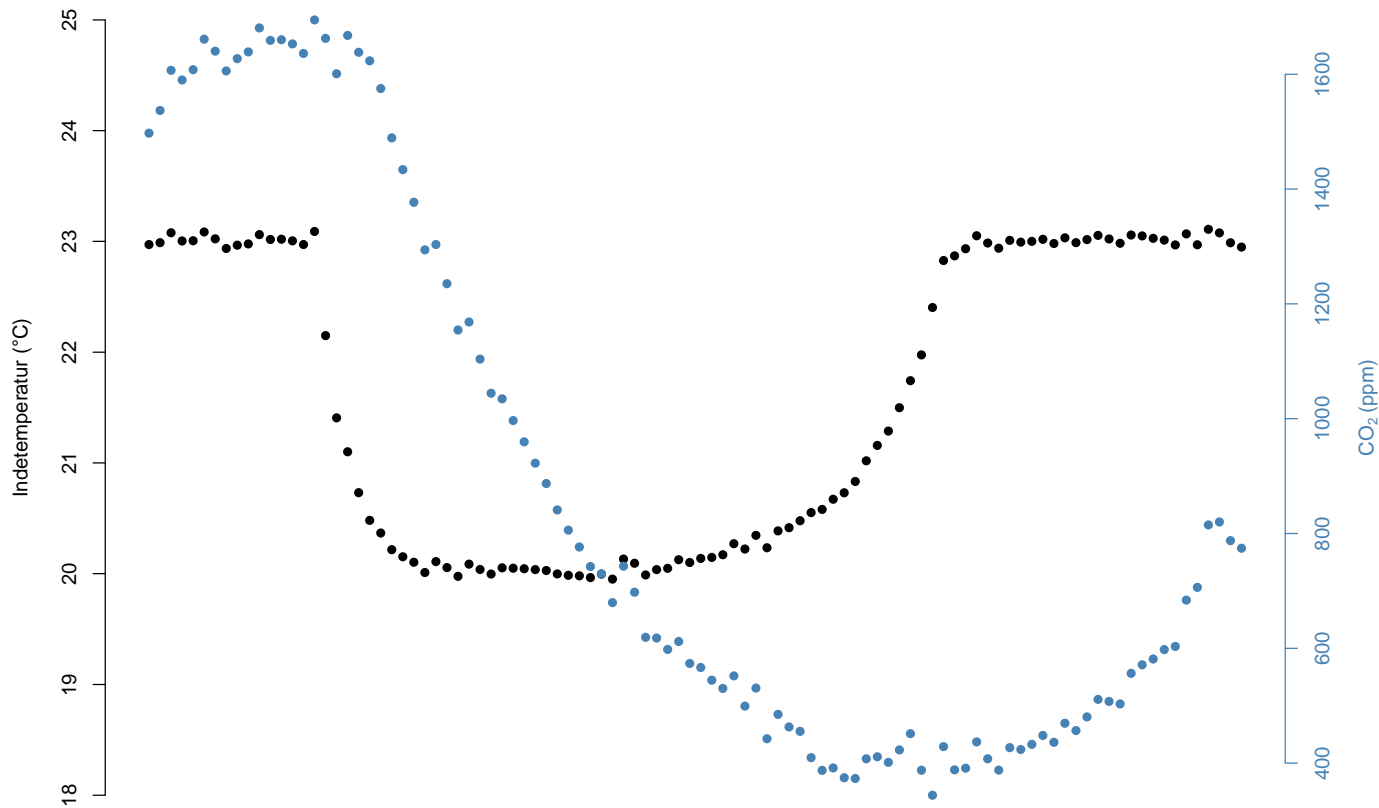
Målt kontra simuleret indetemperatur



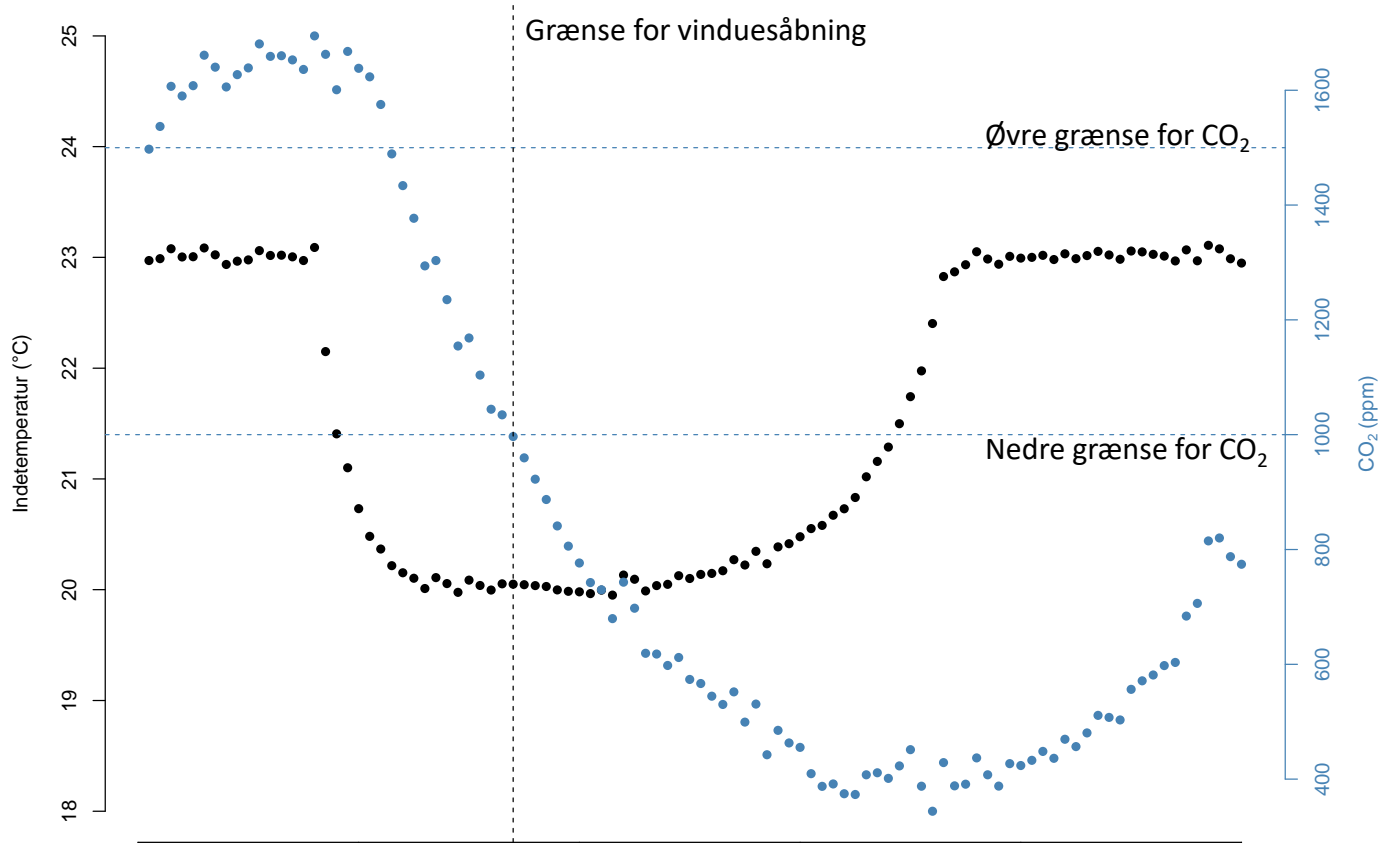
Kategorisering af brugerrelateret energispild



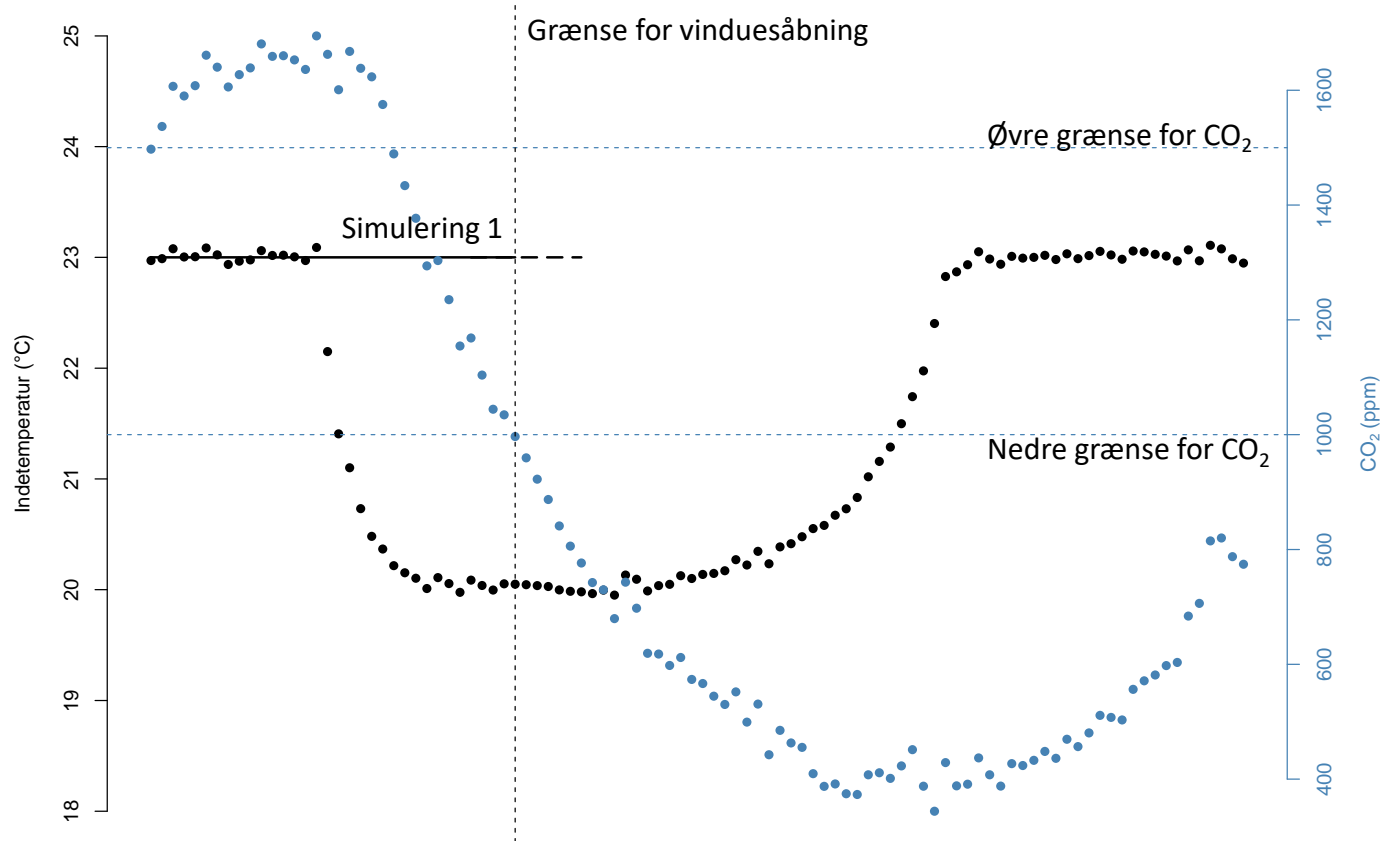
Kategorisering af brugerrelateret energispild



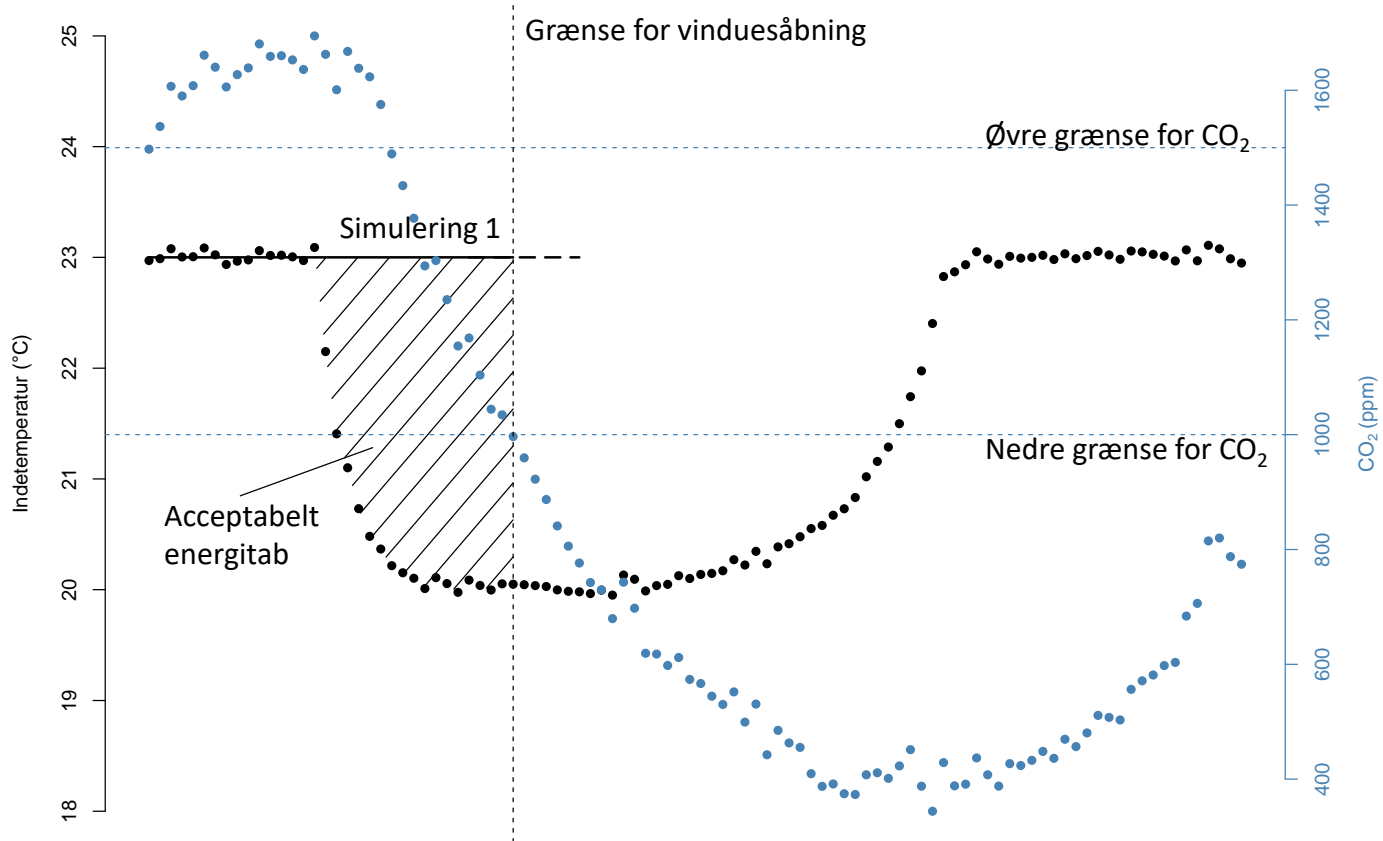
Kategorisering af brugerrelateret energispild



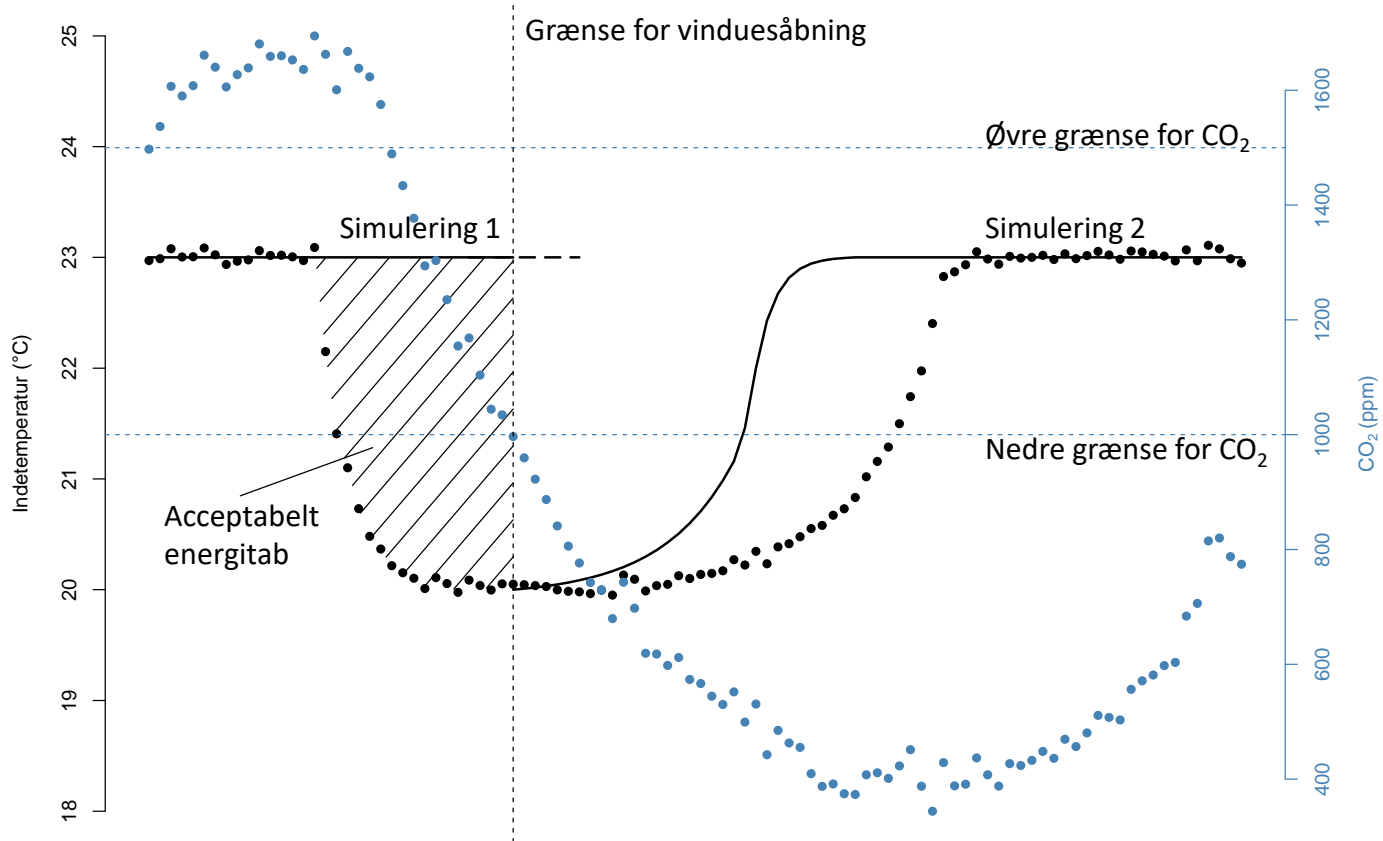
Kategorisering af brugerrelateret energispild



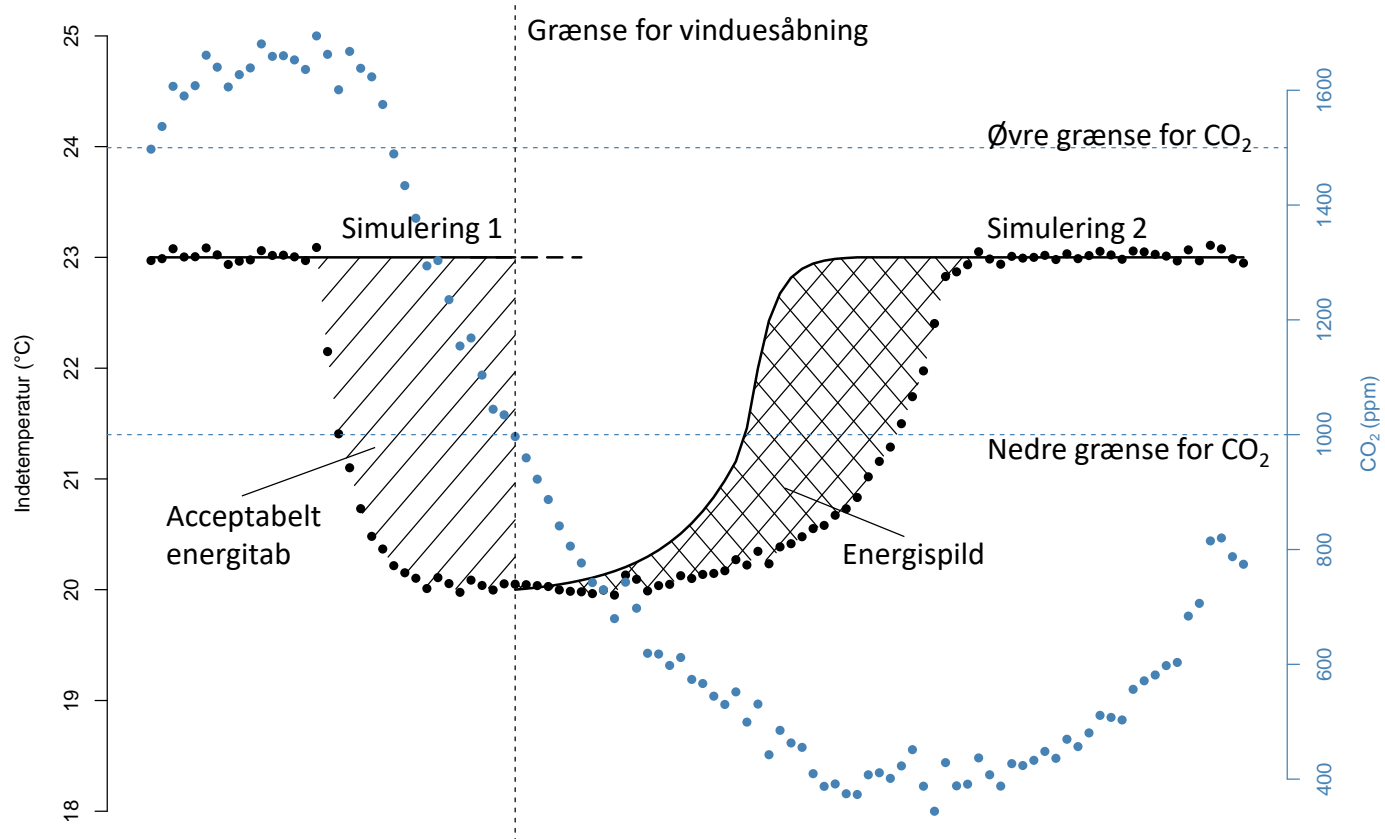
Kategorisering af brugerrelateret energispild



Kategorisering af brugerrelateret energispild



Kategorisering af brugerrelateret energispild



*Ja! Data er det nye guld i
renoveringer, som kan hjælpe os til at
bygge bedre i fremtiden.*