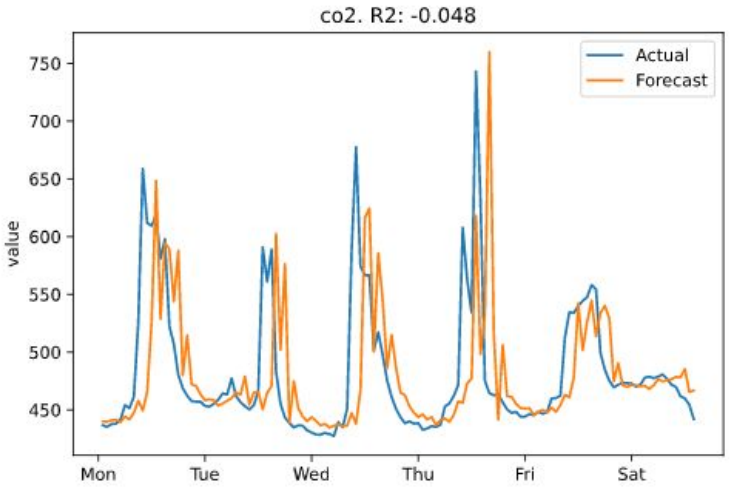
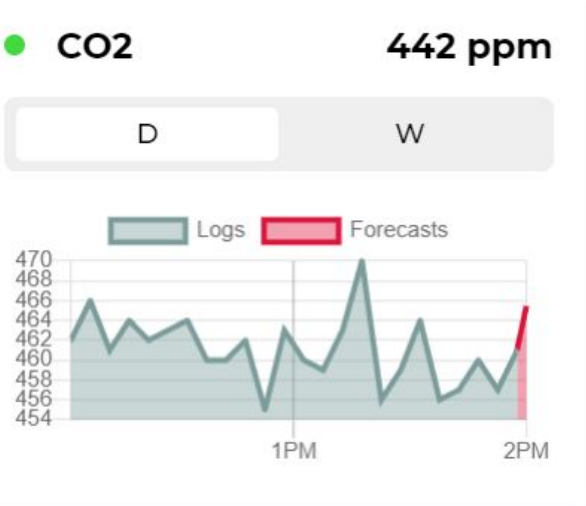
Twindle

Oplevering #3

Model Experimenten & Iteratie op implementatie

Vorige meeting





Model Experimenten

- Data requirements; Google Calendar API
- Model experimenten;
  - korte termijn voorspellingen
  - lange termijn voorspellingen

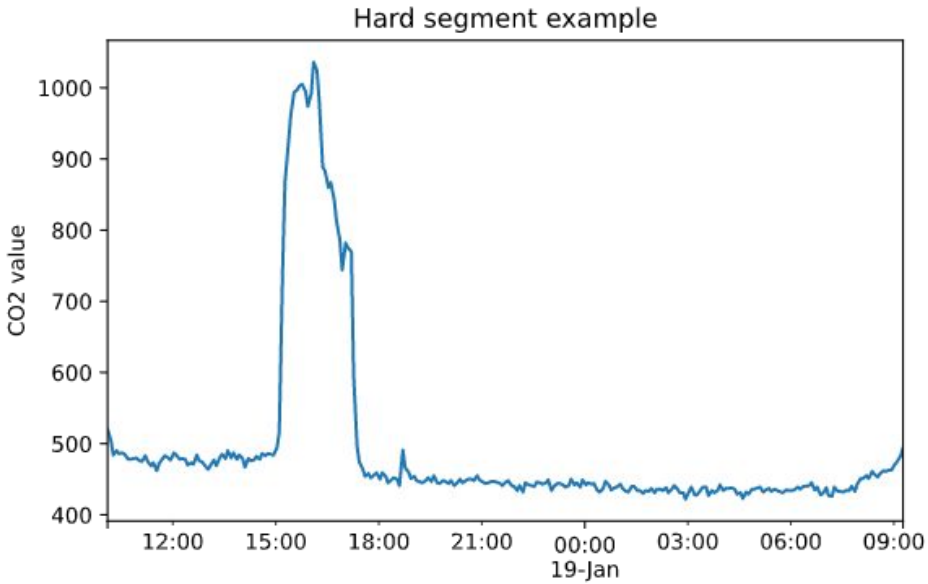
Korte termijn model

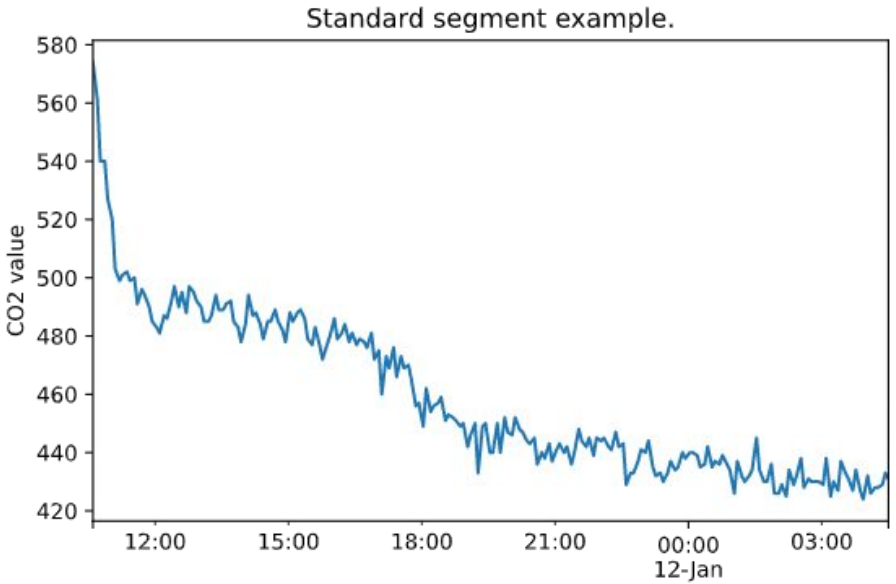
Building and Environment
Volume 187, January 2021, 107409

Forecasting office indoor CO_2 concentration using machine learning with a one-year dataset

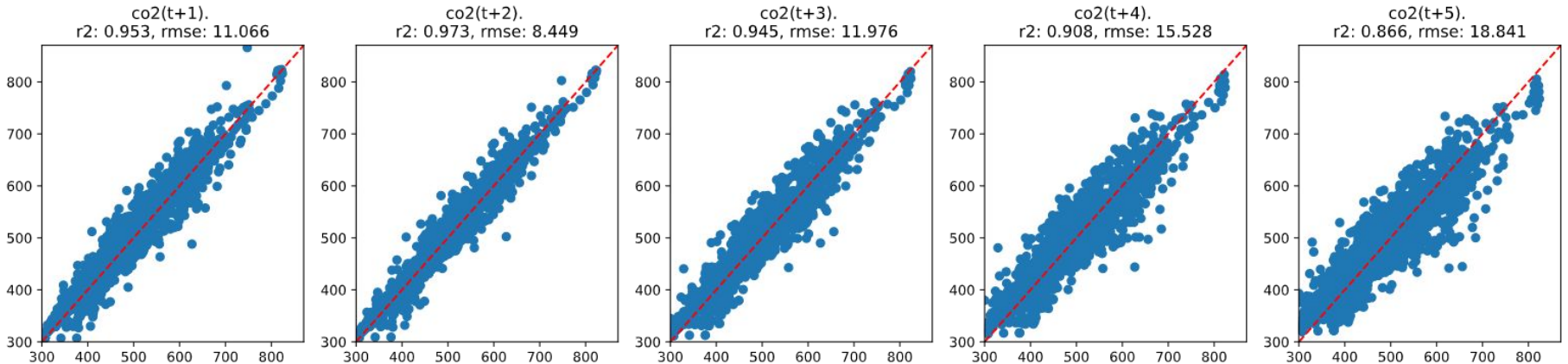
Johanna Kallio [a], Jaakko Tervonen [a], Pauli Räsänen [a], Riku Mäkynen [b], Jani Koivusaari [a], Johannes Peltola [a]

Korte termijn model - Probleemstelling

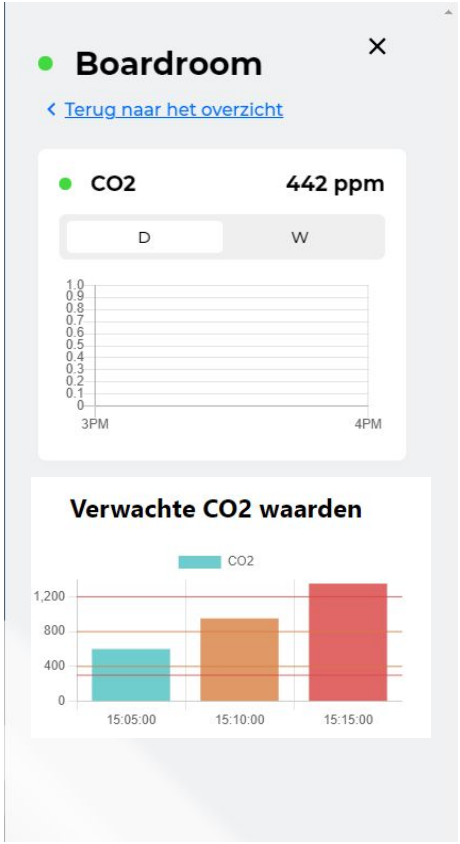




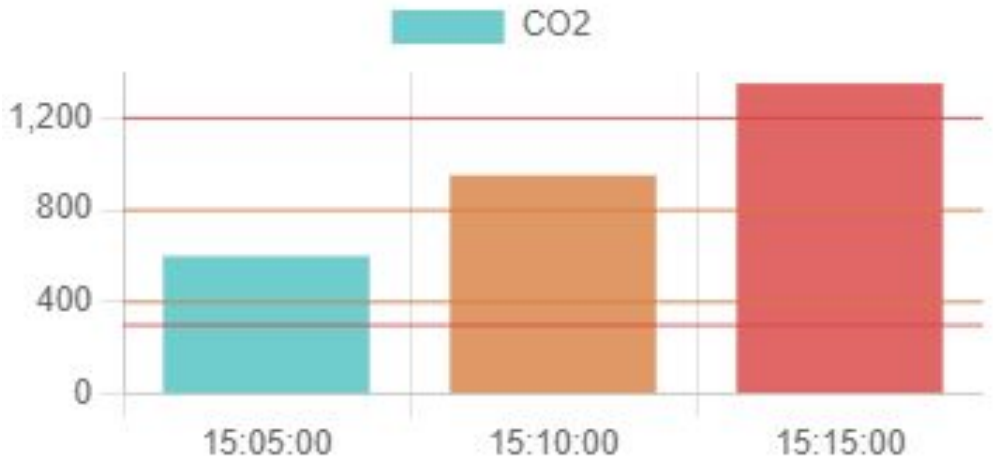
Oplossing - Ridge Regression



Implementatie



Verwachte CO2 waarden



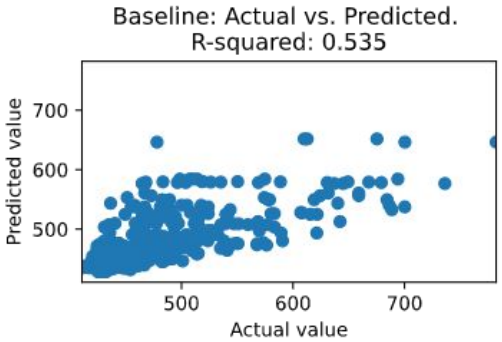
Lange termijn model

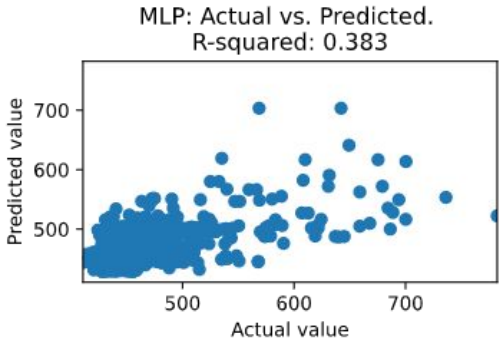
The prediction of indoor air quality in office room using artificial neural network

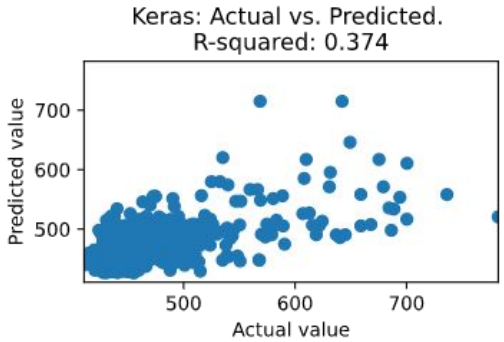
Cite as: AIP Conference Proceedings **1977**, 020040 (2018); https://doi.org/10.1063/1.5042896
Published Online: 26 June 2018

Jouvan Chandra Pratama Putra, Safrilah, and Mohammad Ihsan

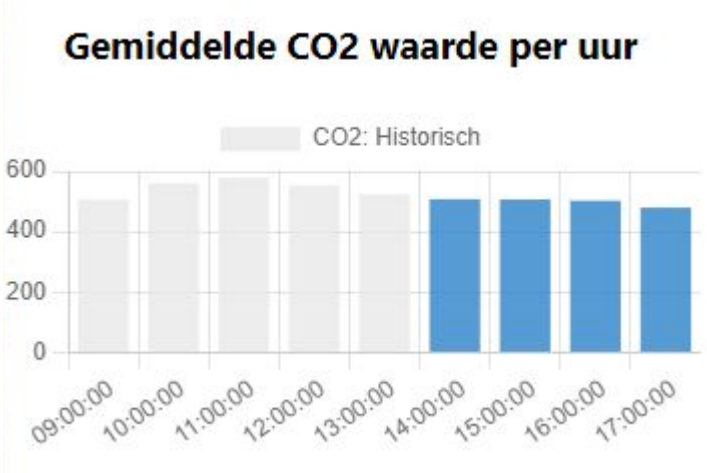
Oplossingen







Implementatie



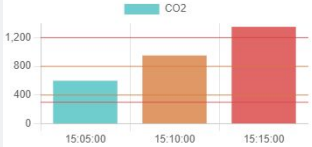
Boardroom

Terug naar het overzicht

CO2 442 ppm

D W

Verwachte CO2 waarden



IBM Watson

Volgende Meeting - 7 juli

- Laatste oplevering
- Demonstratie van het volledige product