

Jury's opinion

The new Meo mini is a very lightweight, low-cost, CO2 sensor targeting indoor air quality applications. Its accuracy performance is very good. It scores one of the highest usability scores and a good utility score.



Evaluation



Measured pollutants

- CH₂O
- CO
- CO₂
- VOC
- H₂S
- NH₃
- NO
- BC
- NO₂ (NO_x)
- O₃
- PM₁
- PM_{2.5}
- PM₁₀
- SO₂
- Particle number (concentration)
- WB

Other measurements

- Temperature
- Humidity
- Odours
- GPS
- Atmospheric pressure
- Luminosity
- Acoustic comfort
- Anemometer

Data storage location: Belgium

Entreprise/Company
meo air analytics
2021
34 avenue des Champs
Elysées 75008 Paris, France



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meo air analytics

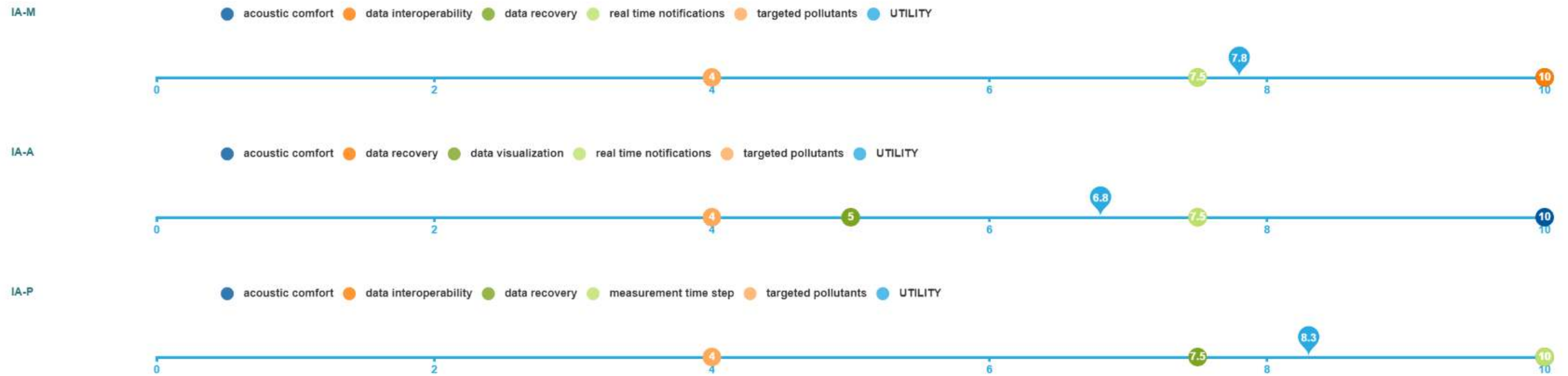
Detailed report

ACCURACY on 3 microsensors based on the SET method (Fishbain et al. 2017)

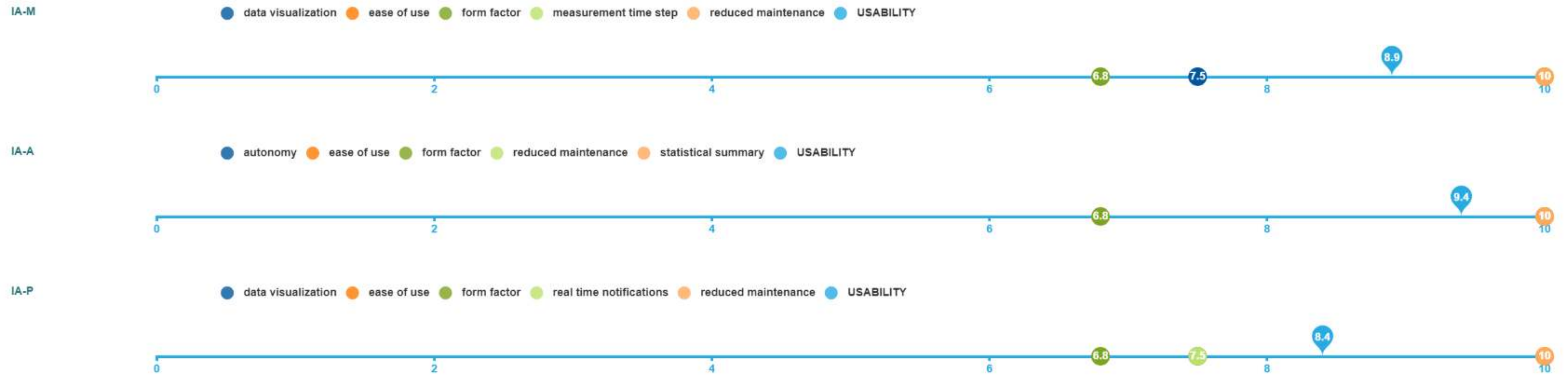


Time series graphs Subcriteria details Additional metrics

UTILITY the capacity of a sensor system to provide the essential functionalities for accomplishing the application objectives



USABILITY the ability of the candidate solution to provide the conditions for its users to perform the tasks safely, effectively, and efficiently while enjoying the experience



FORM FACTOR relates to how much of a physical burden the device represents for operations like transportation or installation



COST investment and running costs over 3 years

