Correction: Breath odor-based individual authentication by an artificial olfactory sensor system and machine learning

Chaiyanut Jirayupat,ab Kazuki Nagashima,aac Takuro Hosomi,ac Tsunaki Takahashi,ac Benjarong Samransuksamer,a Yosuke Hanai,d Atsuo Nakao,d Masaya Nakatani,d Jiangyang Liu,a Guozhu Zhang,a Wataru Tanaka,a Masaki Kanai,e Takao Yasui,cf Yoshinobu Babaf and Takeshi Yanagidaab

Correction for ‘Breath odor-based individual authentication by an artificial olfactory sensor system and machine learning’ by Chaiyanut Jirayupat et al., Chem. Commun., 2022, DOI: https://doi.org/10.1039/D1CC06384G.

In Fig. 4B, the y-axis should read ‘Number of sensors’ rather than ‘Accuracy (%)’, and the correct version of Fig. 4 is reproduced below.

![Fig. 4](image-url)

**Fig. 4** (A) Accuracy of breath odor sensing-based individual authentication for 6 persons as a function of the number of used sensors. (B) Relationship between the number of persons and the number of required sensors with various thresholds in accuracy (>95%, >96% and >97%). (C) Coefficient of variation in accuracy as a function of the number of used sensors. (D) Averaged AUC of ROC curves as a function of the number of used sensors. (E) Confusion matrix for the breath odor sensing based individual authentication for 6 persons.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.