

CORRECTION

# Correction: Predictive modeling for odor character of a chemical using machine learning combined with natural language processing

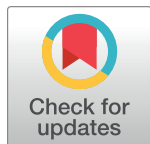
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There are errors in [S2 Table](#). The values in the “Applicable descriptor Number (from S1 Table)” column are incorrect and should be 1 value lower. Additionally, the sensory dataset which was used in the computer simulation in [S2 Table](#), is not perfectly equivalent to the original data source, Sigma-Aldrich’s “Flavors and Fragrances” [2]. Therefore, [S2 Table](#) data are different from the original source. Some of the descriptors may be ignored for samples described by more than 6 descriptors. As descriptors are listed ascending in alphabet, ignored descriptors are mainly: “sweet”, “vanilla” and “wine-like”. Those descriptors are used when the number of descriptors is not more than six. Approximately 11% of samples in the dataset affected.

Please see the corrected [S2 Table](#) caption and file below.

## Supporting information

**S2 Table. Odor character profile of chemicals.** S2 data set is different from original source. (CSV)



## Reference

1. Nozaki Y, Nakamoto T (2018) Predictive modeling for odor character of a chemical using machine learning combined with natural language processing. PLoS ONE 13(6): e0198475. <https://doi.org/10.1371/journal.pone.0198475> PMID: 29902194
2. Sigma-Aldrich, “Flavors and Fragrances.” [Online]. Available: <http://go.sigmaaldrich.com/ff-catalog-download-safcglobal>.

## OPEN ACCESS

**Citation:** Nozaki Y, Nakamoto T (2018) Correction: Predictive modeling for odor character of a chemical using machine learning combined with natural language processing. PLoS ONE 13(12): e0208962. <https://doi.org/10.1371/journal.pone.0208962>

**Published:** December 5, 2018

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