

Supplementary Materials:

Sniffin' Sticks and Olfactometer-Based Odor Thresholds for n-Butanol: Correspondence and Validity for Indoor Air Scenarios

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Figure S1 gives a schematic overview of the procedure in the exposure lab during the threshold testing, while Figure S2 provides an overview of the actually measured concentration values of n-butanol during the two trials.

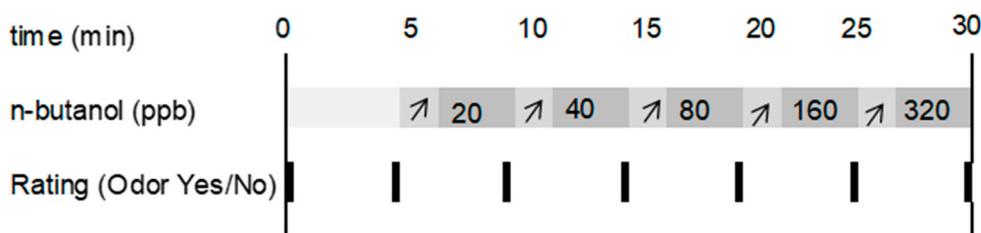


Figure S1. Schematic overview of the experimental procedure during the exposure lab-based threshold assessment.

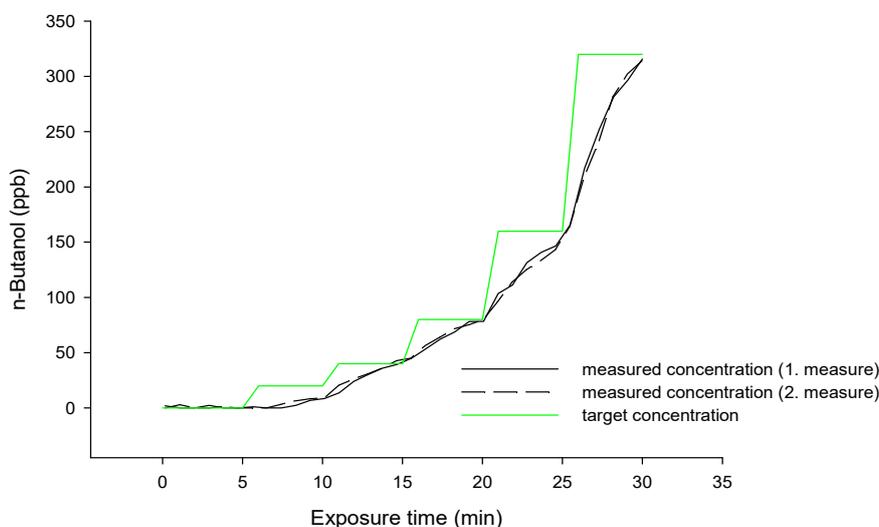


Figure S2. Measured concentration values for n-butanol during the exposure lab-based threshold assessment.

Ammonia exposure

Figure S3 gives a schematic overview of the experimental procedure during the ammonia exposure, while Figure S4 provides an overview of the actually measured concentration values of ammonia during the experimental exposure.

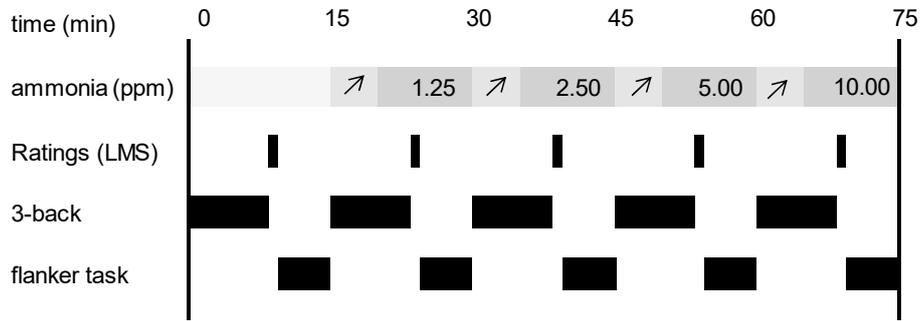


Figure S3. Schematic overview of the experimental procedure during the ammonia exposure [cf. 11,12].

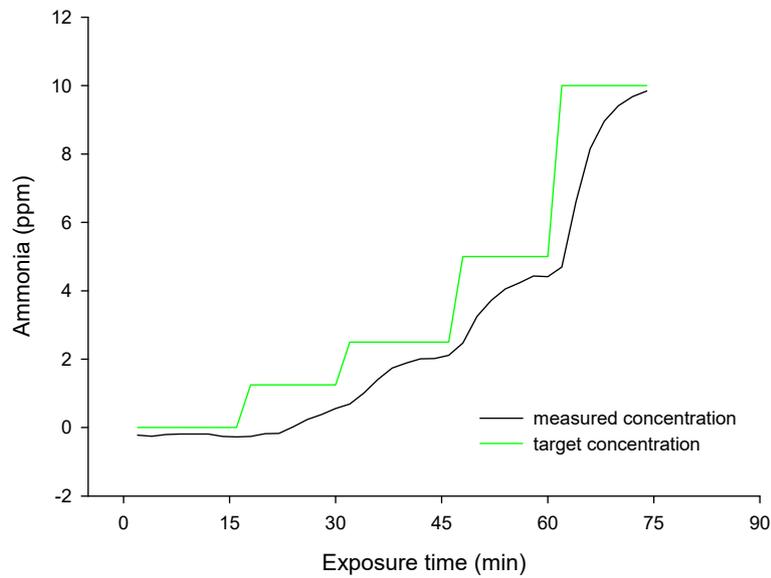


Figure S4. Measured concentration values of ammonia during the experimental exposure.

Table S1. Descriptive statistics for the assessed psychological variables in the total sample and subgroups.

Subject characteristics	Total sample	Sniffin'Sticks threshold		Olfactometer threshold	
		sensitivity		sensitivity	
		< 9	≥ 9	> 80 ppb	≤ 80 ppb
Men/Women [n]	12/ 23	7/14	5/9	6/10	6/13
Age [mean (SD)]	23.8 (3.1)	24.6 (3.3)	22.6(2.6)	24.4 (3.4)	22.9 (2.2)
CSS-SHR [mean (SEM)]	31.8 (1.3)	31.8 (1.9)	31.9 (1.9)	31.9 (2.4)	31.8 (1.3)
Negative affectivity [mean (SEM)]	14.0 (0.7)	13.2 (0.7)	15.1 (1.3)	14.9 (0.9)	13.1 (0.9)

Note. *M* = mean, *CSS-SHR* = Chemical Sensitivity Scale for Sensory Hyperreactivity