



## Indoor air quality in domestic environments during periods close to Italian COVID-19 lockdown

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## **Supplementary Materials**

The Supplementary Materials contain the following elements:

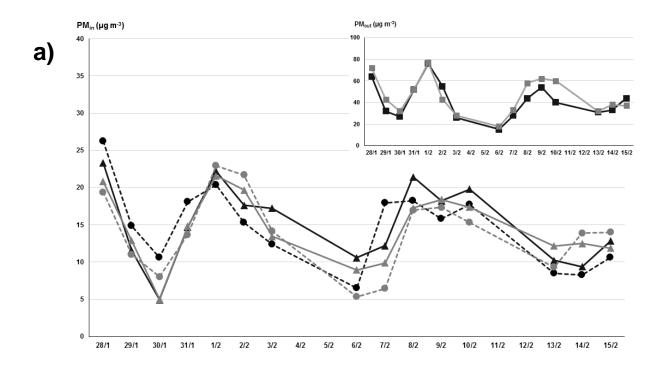
**Table S1**: results of inter-calibration study of the 4 Foobot devices used in the study: mean and standard variation values of the IAQ parameters simultaneously measured in the same laboratory for 3 consecutive days before each monitoring campaign.

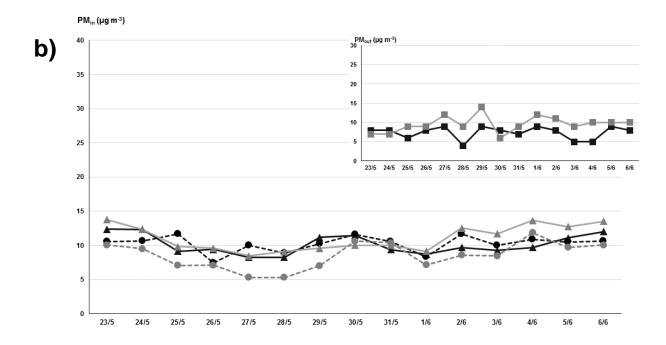
**Figure S1**. Time series plots of indoor PM<sub>2.5</sub> concentration during each monitoring campaign in the four investigated rooms. Points (dashed lines) represent kitchens and triangles (full lines) bedrooms; black symbols and lines correspond to flat 1; light grey symbols and lines correspond to flat 2. Figure insets show times evolution of ooutdoor PM<sub>2.5</sub> levels. S1a: winter campaign, 28 January to 15 February 2020; S1b: spring campaign, 23 May to 06 June 2020; S1c: summer campaign, 29 June to 13 July 2020.

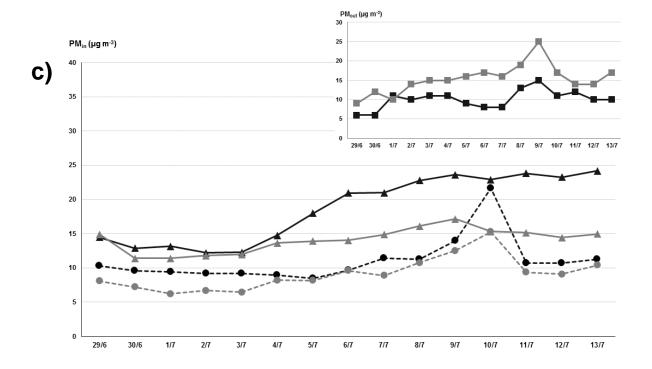
**Figure S2**. Time series plots of VOCs concentration during each monitoring campaign in the four investigated rooms. Points (dashed lines) represent kitchens and triangles (full lines) bedrooms; black symbols and lines correspond to flat 1; light grey symbols and lines correspond to flat 2. S2a: winter campaign, 28 January to 15 February 2020; S2b: spring campaign, 23 May to 06 June 2020; S2c: summer campaign, 29 June to 13 July 2020.

Table S1: results of inter-calibration study of the 4 Foobot devices: mean and standard variation values of the IAQ parameters simultaneously measured in the same laboratory for 3 consecutive days before each monitoring campaign.

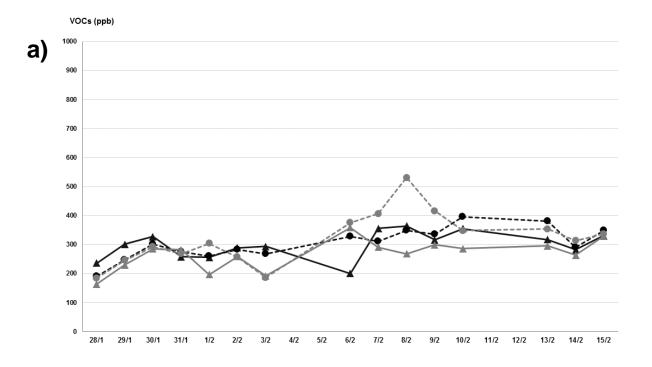
Period	Tin (C°)	RH%in	Indoor PM2.5 (µg m <sup>-3</sup> )	VOCs (ppb)	CO <sub>2</sub> (ppm)
25 to 27 Jan	$20.2 \pm 0.3$	$47.9 \pm 1.9$	$15.2 \pm 2.8$	$270 \pm 1.0$	$978 \pm 0.9$
20 to 22 May	$23.9 \pm 0.3$	$50.2 \pm 1.8$	$10.2 \pm 1.9$	285 ±0.9	$1032 \pm 0.95$
25 to 27 Jun	$25.7 \pm 0.4$	47.1 ± 1.4	11.7 ± 2.1	279 ± 1.0	$1010 \pm 1.0$

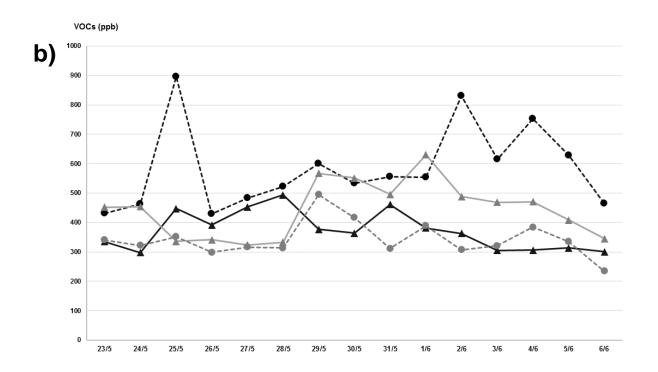


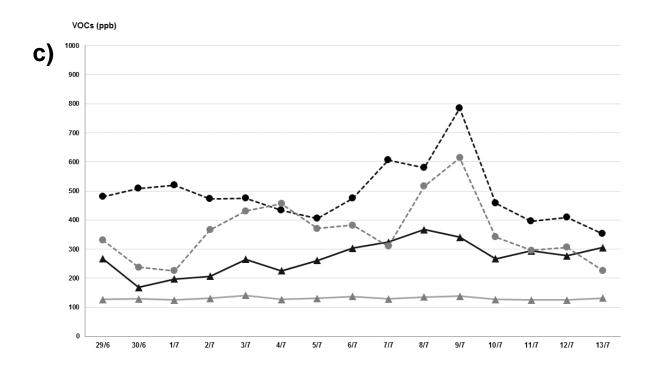




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**Figure S2**. Time series plots of VOCs concentration during each monitoring campaign in the four investigated rooms. Points (dashed lines) represent kitchens and triangles (full lines) bedrooms; black symbols and lines correspond to flat 1; light grey symbols and lines correspond to flat 2. S2a: winter campaign, 28 January to 15 February 2020; S2b: spring campaign, 23 May to 06 June 2020; S2c: summer campaign, 29 June to 13 July 2020.