

## Supplementary Material

# Household Air Pollution and Respiratory Health in Rural Crete, Greece: A Cross-Sectional FRESH AIR Study

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**Table S1.** Differences in environmental outcomes between smoking and non-smoking households at baseline and follow-up in Crete, Greece.

Exposures	Indoor smoking (baseline)			Indoor smoking (follow-up)		
	Yes (N = 10)	No (N = 22)	p-value*	Yes (N = 6)	No (N = 24)	p-value*
<b>PM<sub>2.5</sub> (µg/m<sup>3</sup>), median (IQR)</b>	54.5(45.8)	26.4 (17.9)	0.12	81.8 (229.7)	22.4 (19.6)	0.09
<b>CO (ppm), median (IQR)</b>	0.8 (2.1)	0 (0.3)	0.22	0.5 (1.6)	0 (0.2)	0.32
<b>CO max (ppm), median (IQR)</b>	16 (88.6)	12.3 (23.4)	0.43	14.3 (20.4)	3.3 (10.1)	0.07

\*Mann–Whitney test.

**Table S2.** Differences in selected symptoms between people with any comorbidities versus without, at baseline and follow-up in Crete, Greece.

Comorbidities (baseline)				Comorbidities (follow-up)		
General symptoms	No (N = 8)	Yes (N = 33)	p-value*	No (N = 4)	Yes (N = 37)	p-value*
<hr/>						
<b>Cough</b>						
<i>No</i>	5	28	0.15 <sup>a</sup>	4	37	-
<i>Yes</i>	3	5		0	0	
<b>Phlegm</b>						
<i>No</i>	7	33	0.04 <sup>b</sup>	4	37	-
<i>Yes</i>	1	0		0	0	
<b>Breathlessness</b>						
<i>No</i>	8	28	0.24 <sup>b</sup>	4	37	
<i>Yes</i>	0	5		0	0	
<hr/>						
<b>Symptoms during heating</b>						
<b>Cough</b>						
<i>No</i>	8	33	-	4	35	0.63 <sup>c</sup>
<i>Yes</i>	0	0		0	2	
<b>Breathlessness</b>						
<i>No</i>	8	33	-	4	35	0.63 <sup>c</sup>
<i>Yes</i>	0	0		0	2	
<b>Fatigue</b>						
<i>No</i>	8	33	-	3	30	0.77 <sup>b</sup>
<i>Yes</i>	0	0		1	7	
<b>Headache</b>						
<i>No</i>	8	33	-	3	28	0.98 <sup>b</sup>
<i>Yes</i>	0	0		1	9	

\* $\chi^2$  test, <sup>a</sup>1 cell (25%) has exp count <5, <sup>b</sup>2 cells (50%) have exp count <5, <sup>c</sup>3 cells (75%) have exp count <5.