

Supplementary material3. Cumulative and daily intensity of pesticide exposure and lung function among all exposed workers, male applicators, and female re-entry workers. Effects are presented as a change in continuous measured lung function parameter of FEV1 / FVC.

Respiratory parameters		FEV1 / FVC
		β 95% CI
Cumulative exposure	Exposure status	
	unexposed (n=157)	N.A.
	Exposed (n=159)	-0.03*** -0.04_-0.01
	Male applicators	
	unexposed (n=102)	1.00
	< median (n=46)	-0.04** -0.06_-0.02
	\geq median (n=57)	-0.03** -0.04_-0.01
	Female re-entry workers	
	unexposed (n=55)	1.00
	< median (n=29)	-0.03 -0.52_-0.01
	\geq median (n=27)	-0.01 -0.04_ 0.01
Daily exposure	Male applicators	
	unexposed (n=102)	1.00
	< median (n=46)	-0.03** -0.05_-0.01
	\geq median (n=57)	-0.03** -0.05_-0.01
	Female re-entry workers	
	unexposed (n=55)	1.00
	< median (n=29)	-0.02 -0.04_0.01
\geq median (n=27)	-0.02 -0.05_0.004	

*=p<0.05 **p<0.01 ***P<0.001

#The (β) values were adjusted for gender (where relevant), age, bmi, smoking status, ever pneumonia, and income, marital and *Khat* chewing status