

## Urinary Mutagenicity and Oxidative Status of Wildland Firefighters Working at Prescribed Burns in a Midwestern US Forest

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### Supplementary materials

**Table S1.** Association between OC in WFS particulates and cross-shift changes (i.e. post-shift or next-morning vs. pre-shift) in creatinine-corrected values of urinary biomarkers in wildland firefighters.

Pre- to Post-shift*	OC ( $\mu\text{g}/\text{m}^3$ )	
	$\beta$ (95%CI)	p value
Mutagenicity	0.02 (-0.27, 0.30)	0.90
8-isoprostane	0.07 (-0.77, 0.95)	0.86
MDA	0.01 (-0.34, 0.37)	0.94
Ox-GS	0.23 (-0.63, 1.10)	0.59
Pre- to Next-morning*	OC ( $\mu\text{g}/\text{m}^3$ )	
	$\beta$ (95%CI)	p value
Mutagenicity	0.08 (-0.26, 0.41)	0.64
8-isoprostane	0.50 (-0.70, 1.69)	0.40
MDA	0.23 (-0.25, 0.71)	0.33
Ox-GS	-0.57 (-1.24, 0.10)	0.09

\*Cross-shift changes were defined as log(post-shift or next-morning) vs. log(pre-shift) and results were back log-transformed.