

Table S4. Model output for linear mixed effects models evaluating change in biomarkers of kidney injury by job

Variable	All Workers (n=284)						Restricted to Men (n=251)					
	NGAL [ln(µg/g)]		IL-18 [ln(ng/g)]		NAG [ln(U/g)]		NGAL [ln(µg/g)]		IL-18 [ln(ng/g)]		NAG [ln(U/g)]	
	β	P	β	P	β	P	β	P	β	P	β	P
Intercept	1.56	<0.001	2.49	<0.001	0.47	0.08	1.59	<0.001	2.47	<0.001	0.49	0.07
Time												
Late-harvest	-0.01	0.9	-0.31	0.1	-1.32	<0.001	-0.05	0.8	-0.33	0.09	-1.31	<0.001
Pre-harvest	ref		ref		ref		ref		ref		ref	
Job												
Cane cutter	0.17	0.5	-0.06	0.8	-0.50	0.03	0.16	0.5	-0.04	0.8	-0.48	0.04
Seeder	0.63	0.02	-0.23	0.4	-0.54	0.07	0.48	0.1	-0.44	0.2	-0.51	0.1
Seed cutter	0.48	0.1	-0.35	0.3	-0.37	0.3	0.48	0.2	-0.06	0.9	-0.18	0.7
Agrichemical applicator	0.01	0.9	0.06	0.8	-0.70	0.009	-0.02	0.9	0.08	0.8	-0.69	0.01
Irrigator	0.09	0.7	-0.34	0.1	-0.82	<0.001	0.07	0.7	-0.32	0.1	-0.81	<0.001
Driver	-0.05	0.8	0.48	0.04	-0.60	0.01	-0.07	0.8	0.49	0.03	-0.58	0.02
Factory worker	ref		ref		ref		ref		ref		ref	
Job*Time												
Cane cutter*Late-harvest	0.94	<0.001	0.64	0.03	1.59	<0.001	0.98	<0.001	0.66	0.02	1.59	<0.001
Seeder*Late-harvest	0.00	0.9	0.75	0.02	1.48	<0.001	0.40	0.3	1.23	0.005	1.61	<0.001
Seed cutter*Late-harvest	-0.24	0.5	0.05	0.9	0.94	0.01	-0.44	0.4	-0.20	0.7	0.43	0.4
Agrichemical app.*Late-harvest	0.00	0.9	0.18	0.6	1.17	<0.001	0.04	0.9	0.20	0.6	1.17	<0.001
Irrigator*Late-harvest	0.73	0.006	0.41	0.2	1.30	<0.001	0.77	0.003	0.43	0.1	1.29	<0.001
Driver*Late-harvest	0.09	0.8	-0.04	0.9	0.71	0.01	0.12	0.6	-0.02	0.9	0.70	0.02
Factory worker*Late-harvest	ref		ref		ref		ref		ref		ref	
Sex												
Male	-0.90	<0.001	-1.08	<0.001	-0.07	0.8	-		-		-	
Female	ref		ref		ref		-		-		-	
Age												
(Continuous, per 5 y)	0.05	0.2	-0.03	0.3	0.03	0.5	0.04	0.2	-0.03	0.3	0.02	0.7
Years worked												
(Continuous, per 5 y)	0.02	0.7	-0.02	0.7	0.06	0.2	0.02	0.6	-0.02	0.7	0.07	0.2

Abbreviations: NGAL, neutrophil gelatinase-associated lipocalin; IL-18, interleukin-18; NAG, N-acetyl-D-glucosaminidase.