

Psychosocial risk in Chile

What's on?

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Results with the Chilean long version

Work accidents. Logistic regression. (2016-2017; n = 25157)

Variable	Exp (B) (OR)	Sign.
Male	0.95	n.s.
Age < 26	1.00	< 0.01
26 - 35	0.71	< 0.01
36 - 45	0.64	< 0.01
46 - 55	0.66	< 0.01
> 55	0.63	< 0.01
Salary up to CLP 2M (\approx € 2,700)	1.45	< 0.01
Managers	1.00	< 0.01
Professionals	1.47	< 0.01
Technicians	2.20	< 0.01
Clerical support workers	1.61	< 0.01
Services & sales workers	2.05	< 0.01
Craft & related trade workers	2.59	< 0.01
Plant & machine operators	2.12	< 0.01
Elementary occupations	2.65	< 0.01
44-45 week h	1.00	< 0.01
<22 week h	0.83	< 0.05
23-43 week h	0.84	< 0.01
46-55 week h	1.12	n.s.
>55 week h	1.17	< 0.05
Fixed daytime work	1.00	< 0.01
Fixed night shift	1.23	< 0.05
Rotatory shift	1.32	< 0.05
General health case (+2 SD)	1.30	n.s.
High psychosocial risk (COPSOQ)	1.23	< 0.01
Constant	2.07	< 0.01

Occupational diseases. Logistic regression. (2016-2017; n = 25157)

Variable	Exp (B) (OR)	Sign.
Male	0.73	< 0.01
Age < 26	1.00	< 0.01
26 - 35	1.22	< 0.01
36 - 45	1.68	< 0.01
46 - 55	2.11	< 0.01
> 55	2.33	< 0.01
Salary up to CLP 2M (\approx € 2,700)	1.15	< 0.05
Managers	1.00	< 0.01
Professionals	1.31	< 0.01
Technicians	1.46	< 0.01
Clerical support workers	1.14	n.s.
Services & sales workers	1.17	n.s.
Craft & related trade workers	1.32	< 0.05
Plant & machine operators	1.30	< 0.05
Elementary occupations	1.08	n.s.
44-45 week h	1.00	< 0.01
<22 week h	1.16	n.s.
23-43 week h	1.14	< 0.05
46-55 week h	1.27	< 0.01
>55 week h	1.39	< 0.01
Fixed daytime work	1.00	n.s.
Fixed night shift	0.86	n.s.
Rotatory shift	1.05	n.s.
General health case (+2 SD)	3.13	< 0.01
High psychosocial risk (COPSOQ)	3.03	< 0.01
Constant	0.06	< 0.01

Sick leaves

Only full-time employees

Zero-inflated negative binomial regression. (2016-2017; n = 20575)

Variable (Zero-inflated model – binomial logit)	Exp (B) (OR)	Sign.
Male	0.65	< 0.01
Salary up to CLP 2M (\approx € 2,700)	1.10	n.s.
Personal debt seriousness	0.94	n.s.
Managers	1.00	
Professionals	1.51	< 0.01
Technicians	1.23	< 0.05
Clerical support workers	1.23	< 0.05
Services & sales workers	0.89	n.s.
Craft & related trade workers	0.93	n.s.
Plant & machine operators	2.44	< 0.01
Elementary occupations	0.76	< 0.05
44-45 week h	1.00	
46-55 week h	1.06	n.s.
>55 week h	1.13	n.s.
Daytime work	1.00	
Fixed night shift	0.71	n.s.
Rotatory shift	0.91	n.s.
General health case (+ 2 SD)	1.93	< 0.01
Mental health case (+ 2 SD)	1.13	n.s.
High psychosocial risk (COPSOQ)	1.56	< 0.01
Intercept	0.36	< 0.01

Sick leaves

Only full-time employees

Zero-inflated negative binomial regression. (2016-2017; n = 20575)

Variable (Count model – negbin)	Exp (B) (OR)	Sign.
Male	0.88	< 0.01
Salary up to CLP 2M (\approx € 2,700)	0.83	< 0.05
Personal debt seriousness	1.17	< 0.05
Managers	1.00	
Professionals	0.89	0.1974
Technicians	1.22	< 0.05
Clerical support workers	0.93	n.s.
Services & sales workers	1.33	< 0.01
Craft & related trade workers	1.58	< 0.01
Plant & machine operators	2.74	< 0.01
Elementary occupations	1.26	n.s.
44-45 week h	1.00	
46-55 week h	0.93	n.s.
>55 week h	1.02	n.s.
Daytime work	1.00	
Fixed night shift	1.04	n.s.
Rotatory shift	1.15	< 0.01
General health case (+ 2 SD)	1.53	< 0.01
Mental health case (+ 2 SD)	1.23	< 0.01
High psychosocial risk (COPSOQ)	1.17	< 0.01
Intercept	0.06	< 0.01



Thank you

