

**Supplementary File 2.** Overview of tested associations (n = 132) in the included studies (n = 26)

Association ID	Study (author, year, reference)	Effect size <sup>a</sup>	Significance	Sample size	Adjustment	Classification in review <sup>b</sup>
1	Adler <i>et al.</i> , 2011 [45]	$r = .11$	$p = .01$	473	Unadjusted	↑ * L
2	"	$r = .10$	$p = .03$	473	Unadjusted	↑ * L
3	"	$r = .14$	$p = .002$	473	Unadjusted	↑ * L
4	"	$r = .14$	$p = .002$	473	Unadjusted	↑ * L
5	"	$r = .16$	$p < .001$	473	Unadjusted	↑ * L
6	"	$r = .07$	$p = .16$	473	Unadjusted	↑ ns L
7	"	$r = .08$	$p = .08$	473	Unadjusted	↑ ns L
8	"	$r = .09$	$p = .50$	473	Unadjusted	↑ ns L
9	"	$r = .07$	$p = .11$	473	Unadjusted	↑ ns L
10	"	$r = .10$	$p = .04$	473	Unadjusted	↑ * L
11	Airila <i>et al.</i> , 2012 [46]	$r = -.05$	ns	403	Unadjusted	↑ ns L
12	"	$r = -.10$	$p < .05$	403	Unadjusted	↑ * L
13	"	$r = -.05$	ns	403	Unadjusted	↑ ns L
14	"	$b = -.07$	95% CI: $-.18, .05$	403	Age; work ability at baseline	↑ ns L
15	"	$b = .01$	95% CI: $-.07, .09$	403	Age; work ability at baseline	↓ ns L
16	"	$b = -.06$	95% CI: $-.16, .05$	403	Age; work ability at baseline	↑ ns L
17	Fisher <i>et al.</i> , 2000 [47]	RR = 1.52	$p < .05$ ; 95% CI: 1.36, 1.70	Unclear	Age	↑ * L

18	"	RR = 1.18	95% CI: 0.88, 1.60	Unclear	Age	↑ ns L
19	"	RR = 1.76	$p < .05$ ; 95% CI: 1.34, 2.33	Unclear	Age	↑ * L
20	"	RR = 1.38	95% CI: 0.72, 2.61	Unclear	Age	↑ ns L
21	"	RR = 1.25	95% CI: 0.96, 1.62	Unclear	Age	↑ ns L
22	"	RR = 0.58	95% CI: 0.26, 1.30	Unclear	Age	↓ ns L
23	"	RR = 1.39	95% CI: 0.62, 3.12	Unclear	Age	↑ ns L
24	Karlsson <i>et al.</i> , 2010 [48]	OR = 0.91	95% CI: 0.33, 2.55	300	Gender; age	↓ ns L
25	"	OR = 2.33	95% CI: 0.84, 6.51	289	Gender; age	↑ ns L
26	Kessler & Frank, 1997 [49]	b = .88	$p < .05$	4091	Unadjusted	↑ * L
27	"	b = .17	ns	4091	Unadjusted	↑ ns L
28	Kim <i>et al.</i> , 2013 [50]	unclear	$p < .001$	946	Unadjusted	* L
29	"	unclear	$p = .03$	946	Age; employment; education; body mass index; drug use	* M
30	"	unclear	$p = .10$	884	Age; employment; education; body mass index; drug use	↓ ns M
31	"	unclear	$p = .11$	577	Age; employment; education; body mass index; drug use	↓ ns M
32	"	unclear	$p = .98$	577	Age; employment; education; body mass index; drug use	↓ ns M

33	"	unclear	$p = .51$	577	Age; employment; education; body mass index; drug use	↓ ns M
34	"	unclear	$p = .97$	369	Age; employment; education; body mass index; drug use	↑ ns M
35	"	unclear	$p = .53$	62	Age; employment; education; body mass index; drug use	↑ ns M
36	Kirkham <i>et al.</i> , 2015 [51]	$\beta = .20$	$p < .001$ ; 95% CI: .14, .27	27459	Age; gender; region of residence; misc. work-related factors	↑ * H
37	"	$\beta = .22$	$p < .001$ ; 95% CI: .13, .32	10639	Age; gender; region of residence; misc. work-related factors	↑ * H
38	"	$\beta = .20$	$p < .001$ ; 95% CI: .10, .29	16820	Age; gender; region of residence; misc. work-related factors	↑ * H
39	Odlaug <i>et al.</i> , 2016 [52]	unclear	$p < .05$	1373	Unadjusted	↑ * L
40	Pensola <i>et al.</i> , 2016 [53]	PRR = 1.22	95% CI: 1.1, 1.4	1351	Age; gender	↑ * M
41	"	PRR = 1.15	95% CI: 1.0, 1.3	1351	Age; gender; misc. work-related, physical and psychosocial factors	↑ * H
42	"	PRR = 1.30	95% CI: 1.1, 1.6	546	Age	↑ * M
43	"	PRR = 1.21	95% CI: 1.0, 1.5	546	Age; gender; misc. work-related, physical and psychosocial factors	↑ * M

44	"	PRR = 1.15	95% CI: 1.0, 1.4	805	Age	↑ * M
45	"	PRR = 1.01	95% CI: 0.9, 1.2	573	Age; gender	↑ ns M
46	"	PRR = 1.92	95% CI: 1.4, 2.7	778	Age; gender	↑ * M
47	"	PRR = 1.80	95% CI: 1.3, 2.6	778	Age; gender; misc. work-related, physical and psychosocial factors	↑ * M
48	Richmond <i>et al.</i> , 2016 [54]	b = 0.017; $\beta$ = .057	ns	338	Baseline presenteeism	↑ ns L
49	Schou <i>et al.</i> , 2017 [55]	r = .458	p <.01	1406	Unadjusted	↑ * L
50	Steedmann <i>et al.</i> , 1997 [56]	r = .073	ns	45	Unadjusted	↑ ns L
51	Tsuchiya <i>et al.</i> , 2012 [57]	b = -1.1	95% CI: -2.1, -0.0	530	Unadjusted	↑ * L
52	"	b = -1.1	95% CI: -2.1, -0.1	530	Gender; age; education; job category; work time	↑ * M
53	van Scheppingen <i>et al.</i> , 2014 [58]	r = .01	ns	629	Unadjusted	↑ ns L
54	Yu <i>et al.</i> , 2015 [59]	$\chi^2$ = 4.6	p <.05	1506	Unadjusted	↑ * L
55	"	OR = 1.76	95% CI: 1.02, 3.03	1506	unclear	↑ * L
56	Friedman <i>et al.</i> , 1992 [60]	r = -.09	p <.01	860	Unadjusted	↑ * L
57	"	r = .02	ns	860	Unadjusted	↑ ns L
58	"	r = -.14	p <.01	973	Unadjusted	↑ * L

59	"	$r = .09$	$p < .01$	973	Unadjusted	↑ * L
60	"	$r = -.12$	$p < .01$	886	Unadjusted	↑ * L
61	"	$r = .05$	ns	886	Unadjusted	↑ ns L
62	"	$r = -.13$	$p < .01$	852	Unadjusted	↑ * L
63	"	$r = .06$	ns	852	Unadjusted	↑ ns L
64	"	$r = .09$	$p < .01$	863	Unadjusted	↑ * L
65	"	$r = .03$	ns	863	Unadjusted	↑ ns L
66	"	$r = .10$	$p < .01$	1229	Unadjusted	↓ ns L
67	"	$r = .06$	$p < .05$	1229	Unadjusted	↑ * L
68	"	$r = .09$	$p < .01$	1229	Unadjusted	↓ * L
69	"	$r = .07$	$p < .05$	1229	Unadjusted	↑ * L
70	Boles <i>et al.</i> , 2004 [61]	unclear	ns	2264	Age; gender; misc. risk factors	↑ ns H
71	"	OR = 3.74	$p = .115$	2264	Age; gender; misc. risk factors	↑ ns H
72	"	b = 0.901	$p = .930$	2264	Age; gender; misc. risk factors	↑ ns H
73	Blum <i>et al.</i> , 1993 [62]	$r = -.016$	ns	136	Unadjusted	↑ ns L
74	"	$M_{diff} = 0.01$	ns	136	Unadjusted	↑ ns L
75	"	$M_{diff} = 0.21$	ns	136	Unadjusted	↑ ns L
76	"	$M_{diff} = 0.05$	ns	136	Unadjusted	↑ ns L

77	"	$r = -.185$	$p < .05$	136	Unadjusted	↑ * L
78	"	$M_{\text{diff}} = 0.19$	$p < .05$	136	Unadjusted	↑ * L
79	"	$M_{\text{diff}} = 0.16$	ns	136	Unadjusted	↑ ns L
80	"	$M_{\text{diff}} = 0.03$	ns	136	Unadjusted	↑ ns L
81	"	$r = -.233$	$p < .01$	136	Unadjusted	↑ * L
82	"	$M_{\text{diff}} = 0.28$	$p < .01$	136	Unadjusted	↑ * L
83	"	$M_{\text{diff}} = 0.35$	$p < .01$	136	Unadjusted	↑ * L
84	"	$M_{\text{diff}} = 0.03$	$p < .05$	136	Unadjusted	↑ * L
85	Burton <i>et al.</i> , 2005 [63]	$M_{\text{diff}} = -0.0748$	ns	28375	Age; gender; diseases; misc. risk factors	↓ ns H
86	"	$M_{\text{diff}} = -0.0447$	ns	28375	Age; gender; diseases; misc. risk factors	↓ ns H
87	"	$M_{\text{diff}} = -0.0833$	ns	28375	Age; gender; diseases; misc. risk factors	↓ ns H
88	"	$M_{\text{diff}} = -0.0853$	ns	28375	Age; gender; diseases; misc. risk factors	↓ ns H
89	"	$M_{\text{diff}} = -0.0865$	ns	28375	Age; gender; diseases; misc. risk factors	↓ ns H
90	Lim <i>et al.</i> , 2000 [64]	$b = -0.92$	ns	4579	Physical and mental disorders	↓ ns M
91	"	$b = 0.18$	ns	4579	Physical and mental disorders	↑ ns M
92	Lowmaster <i>et al.</i> , 2012 [65]	$r = .21$	ns	85	Unadjusted	↓ ns L
93	"	$r = .12$	ns	29	Unadjusted	↓ ns L

94	"	$r = .23$	ns	56	Unadjusted	↓ ns L
95	Moore <i>et al.</i> , 2000 [66]	unclear	$p < .05$	1521	Unadjusted	↑ * L
96	"	unclear	$p < .05$	1378	Unadjusted	↑ * L
97	"	unclear	$p < .05$	520	Unadjusted	↑ * L
98	"	unclear	$p < .05$	2256	Demographic variables	* M
99	"	$M_{diff} = 0.1$	$p = .65$	1780	Demographic variables	↓ ns M
100	"	$M_{diff} = 0.2$	$p = .10$	520	Demographic variables	↑ ns M
101	"	$M_{diff} = 0.3$	$p < .01$	1378	Demographic variables	↑ * M
102	"	$M_{diff} = 0.0$	$p = .68$	676	Demographic variables	ns M
103	"	$M_{diff} = 0.1$	$p = .09$	1534	Demographic variables	↑ ns M
104	"	$M_{diff} = 0.2$	$p = .10$	274	Demographic variables	↑ ns L
105	"	$M_{diff} = 0.1$	$p = .42$	663	Demographic variables	↑ ns M
106	"	$M_{diff} = 0.2$	$p < .05$	1521	Demographic variables	↑ * M
107	"	$M_{diff} = 0.1$	$p = .22$	261	Demographic variables	↑ ns L
108	Ames <i>et al.</i> , 1997 [21]	$b = -0.02; \beta = -0.02$	ns	832	Drinking variables; job characteristics	↓ ns M
109	"	$b = 0.08; \beta = .08$	$p < .05$	832	Drinking variables; job characteristics	↑ * M
110	"	$b = 0.08; \beta = .08$	$p < .05$	832	Drinking variables; job characteristics	↑ * M
111	"	$b = -0.01; \beta = -0.01$	ns	832	Drinking variables; job characteristics	↓ ns M

112	"	$b = -0.03; \beta = -0.03$	ns	832	Drinking variables; job characteristics	↓ ns M
113	"	$b = -0.02; \beta = -0.02$	ns	832	Drinking variables; sociodemographics	↓ ns M
114	"	$b = -0.01; \beta = -0.01$	ns	832	Drinking variables; sociodemographics	↓ ns M
115	"	$b = 0.21; \beta = .21$	$p < .001$	832	Drinking variables; sociodemographics	↑ * M
116	"	$b = -0.01; \beta = -0.01$	ns	832	Drinking variables; sociodemographics	↓ ns M
117	"	$b = 0.00; \beta = .00$	ns	832	Drinking variables; sociodemographics	↑ ns M
118	"	$\eta^2 = .01$	$p < .02$	832	Unadjusted	↑ * L
119	"	$\eta^2 = .01$	$p < .05$	832	Unadjusted	↑ * L
120	"	$\eta^2 = .02$	$p < .01$	832	Unadjusted	↑ * L
121	"	$\eta^2 = .01$	$p < .05$	832	Unadjusted	↑ * L
122	Furu <i>et al.</i> , 2018 [67]	OR = 1.25	95% CI: 0.98, 1.61	1622	Unadjusted	↑ ns L
123	"	OR = 1.36	95% CI: 1.05, 1.77	1622	Age	↑ * M
124	Aas <i>et al.</i> , 2017 [40]	$r = .049$	$p < .01$	3278	Unadjusted	↑ * L
125	"	$r = .076$	$p < .001$	3278	Unadjusted	↑ * L
126	"	$b = 0.016; \beta = .028$	ns	3278	Gender; age; education; living status; employment sector; binge drinking	↑ ns H



127	"	b = 0.040; $\beta$ = .057	$p < .01$	3278	Gender; age; education; living status; employment sector; drinking frequency	↑ * H
128	van den Berg <i>et al.</i> , 2017 [68]	OR = 1.23	95% CI: 0.87, 1.74	509	Gender; age; education	↑ ns M
129	"	OR = 1.28	95% CI: 0.99, 1.65	1267	Gender; age; education	↑ ns M
130	"	OR = 1.00	ns	410	Gender; age; education	ns L
131	"	OR = 1.18	95% CI: 0.66, 3.11	413	Gender; age; education	↑ ns L
132	"	OR = 1.52	95% CI: 0.96, 2.41	335	Gender; age; education	↑ ns L

<sup>a</sup>  $r$  = correlation coefficient;  $b$  = unstandardised regression coefficient; RR = relative risk; OR = odds ratio;  $\beta$  = standardised regression coefficient; PRR = prevalence risk ratio;  $\chi^2$  = chi square;  $M_{diff}$  = mean difference;  $\eta^2$  = eta squared

<sup>b</sup> ↑ = positive association; ↓ = negative association; | = inconsistent direction; \* = significant association; ns = non-significant association; L = low quality association; M = moderate quality association; H = high quality association