

Supplementary Table 3. Correlation matrix of the main variables in the final analysis

Verbal abuse	Stress	Sex	Age	Education		Marital status	Income			Depressive Symptom	Occupation type		Employment type		Weekly workhour		Company size	
				High school	College or over		2-3	3-4	>4		Blue collar	Pink collar	Temporary worker	Daily laborer	41-52	>52	5-299	≥300
1	0.035	-0.001	-0.023	0.032	-0.014	-0.022	0.032	-0.007	-0.027	0.07	0.058	-0.01	-0.022	0.027	0.03	0.047	0.012	-0.001
0.035	1	-0.037	-0.141	-0.027	0.138	-0.014	0.054	0.069	0.068	-0.044	0.011	-0.143	-0.154	-0.055	0.049	0.005	0.049	0.024
-0.001	-0.037	1	0.054	0.061	-0.126	0.025	0.239	-0.202	-0.34	0.013	0.237	-0.212	0.148	-0.039	-0.097	-0.065	-0.081	-0.111
-0.023	-0.141	0.054	1	0.215	-0.517	0.547	-0.14	-0.156	0.004	0.108	-0.026	0.391	0.261	0.119	-0.069	0.005	0.017	-0.061
0.032	-0.027	0.061	0.215	1	-0.81	0.084	0.127	-0.095	-0.162	0.068	0.214	0.245	0.073	0.087	0.057	0.056	-0.094	-0.061
-0.014	0.138	-0.126	-0.517	-0.81	1	-0.179	-0.047	0.19	0.241	-0.126	-0.178	-0.439	-0.284	-0.173	0.007	-0.048	0.1	0.098
-0.022	-0.014	0.025	0.547	0.084	-0.179	1	-0.128	-0.035	0.127	0.037	-0.052	0.135	0.028	0.019	-0.026	-0.017	0.059	0.002
0.032	0.054	0.239	-0.14	0.127	-0.047	-0.128	1	-0.436	-0.337	0.006	0.073	-0.065	-0.118	-0.055	0.067	0.031	-0.029	-0.087
-0.007	0.069	-0.202	-0.156	-0.095	0.19	-0.035	-0.436	1	-0.279	-0.037	-0.115	-0.052	-0.203	-0.048	0.073	0.019	0.103	0.006
-0.027	0.068	-0.34	0.004	-0.162	0.241	0.127	-0.337	-0.279	1	-0.056	-0.15	-0.082	-0.17	-0.052	0.05	0.014	0.064	0.211
0.07	-0.044	0.013	0.108	0.068	-0.126	0.037	0.006	-0.037	-0.056	1	0.007	0.103	0.071	0.051	-0.004	0.024	-0.036	-0.04
0.058	0.011	0.237	-0.026	0.214	-0.178	-0.052	0.073	-0.115	-0.15	0.007	1	-0.377	0.122	-0.01	0.052	0.082	-0.21	-0.106
-0.01	-0.143	-0.212	0.391	0.245	-0.439	0.135	-0.065	-0.052	-0.082	0.103	-0.377	1	0.178	0.183	0.011	0.04	0.012	0.005
-0.022	-0.154	0.148	0.261	0.073	-0.284	0.028	-0.118	-0.203	-0.17	0.071	0.122	0.178	1	-0.087	-0.13	-0.027	-0.109	-0.073
0.027	-0.055	-0.039	0.119	0.087	-0.173	0.019	-0.055	-0.048	-0.052	0.051	-0.01	0.183	-0.087	1	-0.039	-0.013	-0.073	-0.039
0.03	0.049	-0.097	-0.069	0.057	0.007	-0.026	0.067	0.073	0.05	-0.004	0.052	0.011	-0.13	-0.039	1	-0.109	-0.052	-0.022
0.047	0.005	-0.065	0.005	0.056	-0.048	-0.017	0.031	0.019	0.014	0.024	0.082	0.04	-0.027	-0.013	-0.109	1	-0.053	-0.026
0.012	0.049	-0.081	0.017	-0.094	0.1	0.059	-0.029	0.103	0.064	-0.036	-0.21	0.012	-0.109	-0.073	-0.052	-0.053	1	-0.378
-0.001	0.024	-0.111	-0.061	-0.061	0.098	0.002	-0.087	0.006	0.211	-0.04	-0.106	0.005	-0.073	-0.039	-0.022	-0.026	-0.378	1