

Supplementary Appendix 1

Agreements between visual analog scales and job content questionnaire of Karasek and differences in outcomes according to cut-offs for the two dimensions of the job-demand-control model of Karasek. Mean±SD: Mean±Standard deviation

Variables	Demand				Control			
	Visual analog scale		JCQ of Karasek		Visual analog scale		JCQ of Karasek	
	<75	≥75	<21	≥21	<75	≥75	<70	≥70
Age								
Mean±SD	41.5 ± 12.8	42.3 ± 10.8	42.5 ± 14.6	41.7 ± 10.2	41.05±11.4	42.2 ± 11.9	41.3 ± 12.5	42.1 ± 11.6
P-value	0.66		0.71		0.60		0.72	
Agreement	Yes				Yes			
Sex								
Women, n (%)	38 (43.2%)	50 (56.8%)	27 (30.7%)	61 (69.3%)	22 (25%)	66 (75%)	22 (25%)	66 (75%)
Men, n (%)	36 (48.7%)	38 (51.3%)	25 (33.8%)	49 (66.2%)	20 (27%)	54 (73%)	15 (20.3%)	59 (79.7%)
P-value	0.49		0.67		0.77		0.48	
Agreement	Yes				Yes			
Marital status								
Married / De facto, n (%)	53 (41.1%)	75 (58.6%)	39 (30.5%)	89 (69.5%)	36 (28.1%)	92 (71.9%)	27 (21.1%)	101 (78.9%)
Single / Widow, n (%)	21 (61.8%)	13 (38.2%)	13 (38.2%)	21 (61.8%)	6 (17.7%)	28 (82.3%)	10 (29.4%)	24 (70.6%)
P-value	0.03		0.39		0.22		0.30	
Agreement	Moderate				Yes			
Education								
Bachelor degree or less	5 (62.5%)	3 (37.5%)	4 (50%)	4 (50%)	5 (62.5%)	3 (37.5%)	4 (50%)	4 (50%)
Undergraduate	7 (53.9%)	6 (16.1%)	6 (46.2%)	7 (53.8%)	6 (46.2%)	7 (53.8%)	6 (46.2%)	7 (53.8%)
Master's degree	62 (44%)	79 (56%)	42 (29.8%)	99 (70.2%)	31 (22%)	110 (78%)	27 (16.2%)	114 (80.8%)
P-value	0.49		0.25		0.009		0.015	
Agreement	Yes				Yes			
Seniority within the company								
Mean±SD	10.7±10.9	11.1±10.6	11.7±13.2	10.6±9.4	7.8±9.0	12.1±11.0	8.6±9.5	11.7±11.0
P-value	0.68		0.56		0.02		0.09	
Agreement	Yes				Moderate			
Occupation								
Senior executives, n (%)	37 (46.3%)	43 (53.7%)	30 (37.5%)	50 (62.5%)	27 (33.8%)	53 (66.2%)	30 (37.5%)	50 (62.5%)
Other, n (%)	46 (41.8%)	64 (58.2%)	31 (28.2%)	79 (71.8%)	25 (22.7%)	85 (77.6%)	18 (16.4%)	92 (83.6%)
P-value	0.54		0.17		0.09		0.001	
Agreement	Yes				Moderate			

Agreements between visual analog scales and job content questionnaire of Karasek and differences in outcomes according to quadrants (active, passive, tense, relaxed). Mean±SD: Mean±Standard deviation

Variables	VAS Quadrants				Karasek Quadrants			
	Active	Passive	Tense	Relaxed	Active	Passive	Tense	Relaxed
Age								
Mean±SD	42.7 ± 10.9	41 ± 12.2	41.1 ± 10.8	41.7 ± 13.2	42.1 ± 10	43.1 ± 14.7	40.1 ± 10.9	42.2 ± 14.8
P-value	0.88						0.91	
Agreement	Yes							
Sex								
Women, n (%)	40 (45.4%)	12 (13.6%)	10 (11.4%)	26 (29.6%)	48 (54.6%)	9 (10.2%)	13 (14.8%)	18 (20.4%)
Men, n (%)	28 (37.8%)	10 (13.5%)	10 (13.5%)	26 (35.1%)	40 (54.1%)	6 (8.1%)	9 (12.2%)	19 (25.7%)
P-value	0.78						0.83	
Agreement	Yes							
Marital status								
Married / De facto, n (%)	58 (45.3%)	19 (14.8%)	17 (13.3%)	34 (26.6%)	74 (57.8%)	12 (9.38%)	15 (11.7%)	27 (21.1%)
Single / Widow, n (%)	10 (29.4%)	3 (13.6%)	3 (8.8%)	18 (52.9%)	14 (41.2%)	3 (8.82%)	7 (20.6%)	10 (29.4%)
P-value	0.04						0.29	
Agreement	Moderate							
Education								
Bachelor degree or less	1 (12.5%)	3 (37.5%)	2 (25%)	2 (25%)	3 (37.5%)	3 (37.5%)	1 (12.5%)	1 (12.5%)
Undergraduate	3 (23.1%)	3 (23.1%)	3 (23.1%)	4 (30.8%)	5 (38.5%)	4 (30.8%)	2 (15.4%)	2 (15.4%)
Master's degree	64 (45.4%)	16 (13.6%)	15 (10.6%)	46 (32.6%)	80 (56.7%)	8 (5.7%)	19 (13.5%)	34 (24.1%)
P-value	0.10						0.008	
Agreement	Moderate							
Seniority within the company								
Mean±SD	11.8 ± 10.8	6.71 ± 8.68	8.95 ± 9.45	12.4 ± 11.4	11.4 ± 9.84	10.2 ± 12.8	7.55 ± 6.75	12.3 ± 13.5
P-value	0.10						0.33	
Agreement	Yes							
Occupation								
Senior executives, n (%)	50 (45.5%)	11 (10%)	14 (12.7%)	35 (31.8%)	67 (60.9%)	6 (5.5%)	12 (10.9%)	15 (22.7%)
Other, n (%)	31 (38.8%)	15 (18.8%)	12 (15%)	22 (27.5%)	34 (42.5%)	14 (17.5%)	16 (20%)	16 (20%)
P-value	0.31						0.007	
Agreement	Moderate							