

Supplementary Appendix 2

Relationships between each visual analog scale and items of Karasek questionnaire

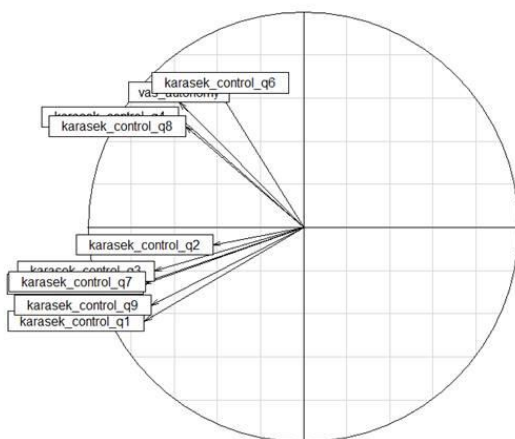
Correlation between items from the Karasek questionnaire and each visual analog scales (job demand and job control):

	Karasek questionnaire – job control items								
	Item 1	Item 2	Item 3	Item 4	Item 5	Item 6	Item 7	Item 8	Item 9
VAS job control	0.23**	0.21**	0.22**	0.60***	0.28***	0.44***	0.32***	0.48***	0.27***

	Karasek questionnaire – job demand items								
	Item 10	Item 11	Item 12	Item 13	Item 14	Item 15	Item 16	Item 17	Item 18
VAS job demand	0.50***	0.58***	0.66***	0.45***	0.14	0.43***	0.44***	0.42***	0.25***

The result of the **principal component analysis (PCA)** was expressed with a representation on the first discriminant plane projection of items of Karasek scale (circle of correlations). The closer the items are to each other and far from the center, the more important is their correlation. The horizontal axis makes it possible to present patients with high values for the items (on the left) vs. patients with low values (right). The vertical axis makes it possible to determine within these patients with high values for the items, those more or less associated with the items at the top left of the quadrant of the correlation circle vs. those at the bottom left.

Relation between VAS control and items of the job control from Karasek questionnaire



Relation between VAS demand and items of the job demand from Karasek questionnaire

