

Research Institute for Rehabilitation Technology and Telemedicine Experience sampling and physical activity measurements to improve workday satisfaction

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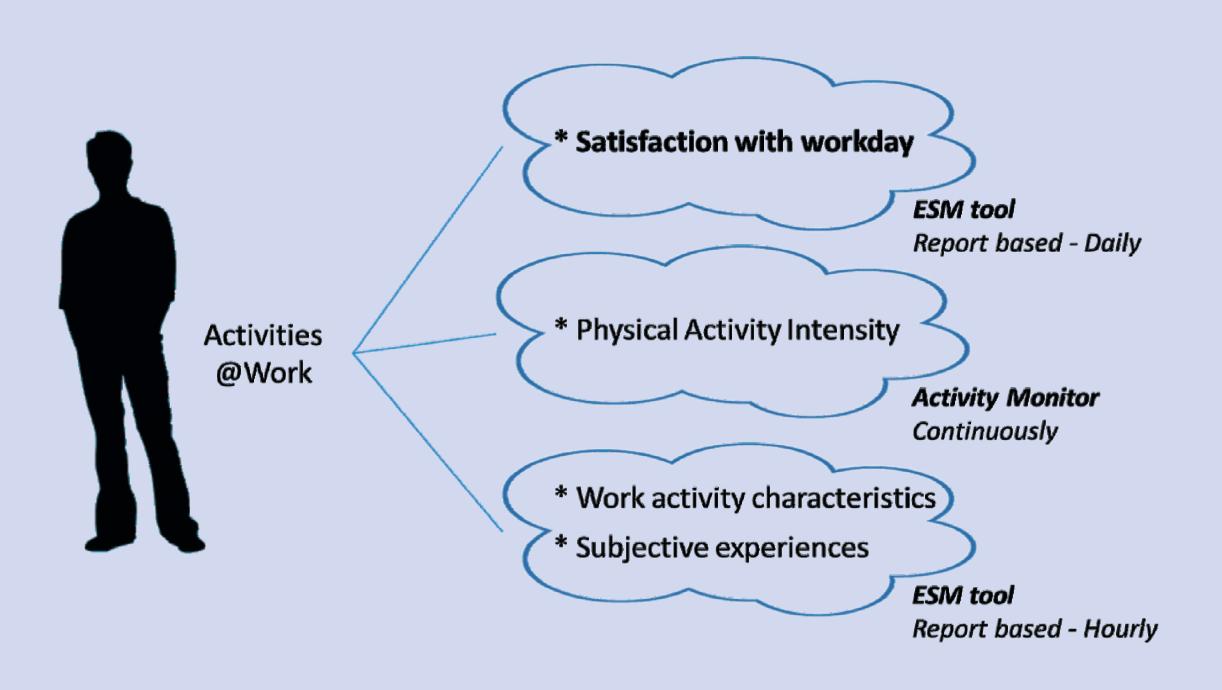
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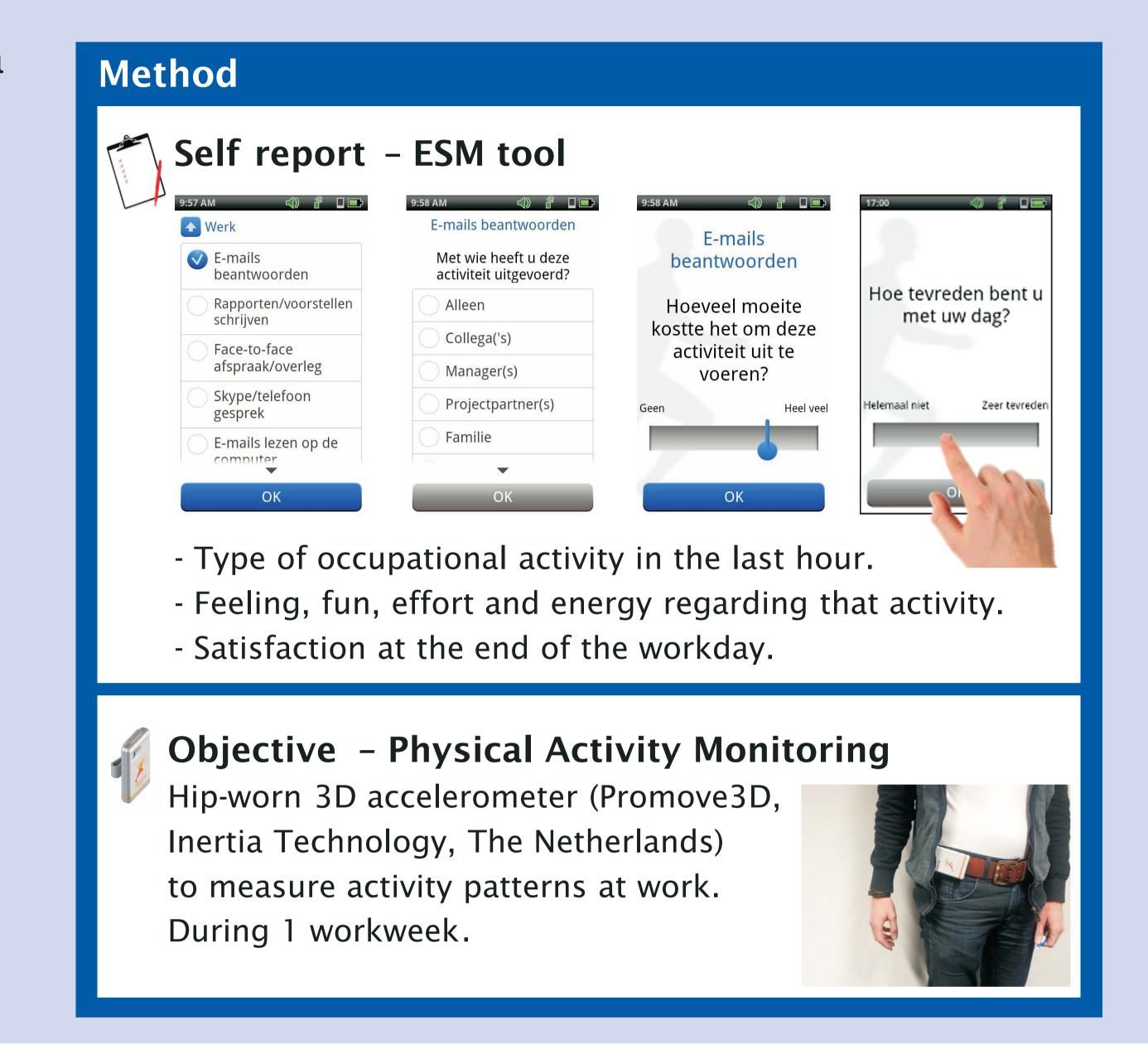
Introduction

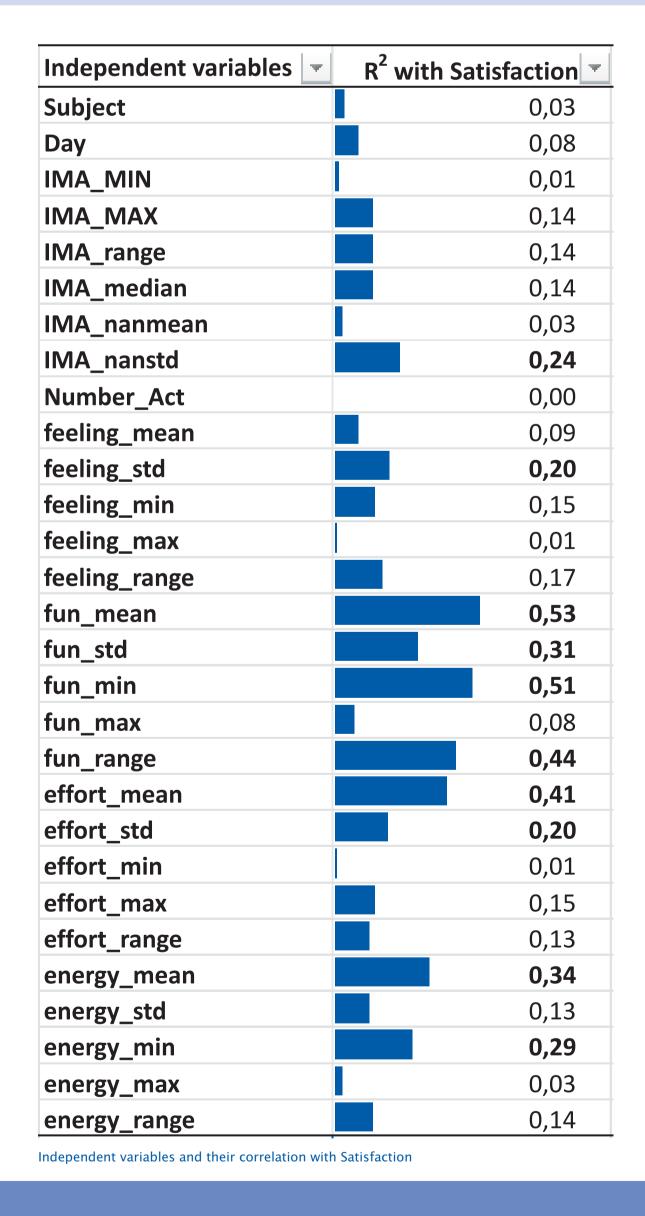
In our western aging society, retirement ages are rising, resulting in a substantial and growing number of older (desk) workers with specific needs. Workplaces should be adapted but to be able to create such solutions we need a good understanding of factors determining motivation and work satisfaction.

Research Question

Which variables of physical activity, feeling, fun, effort and energy predict satisfaction with the workday?

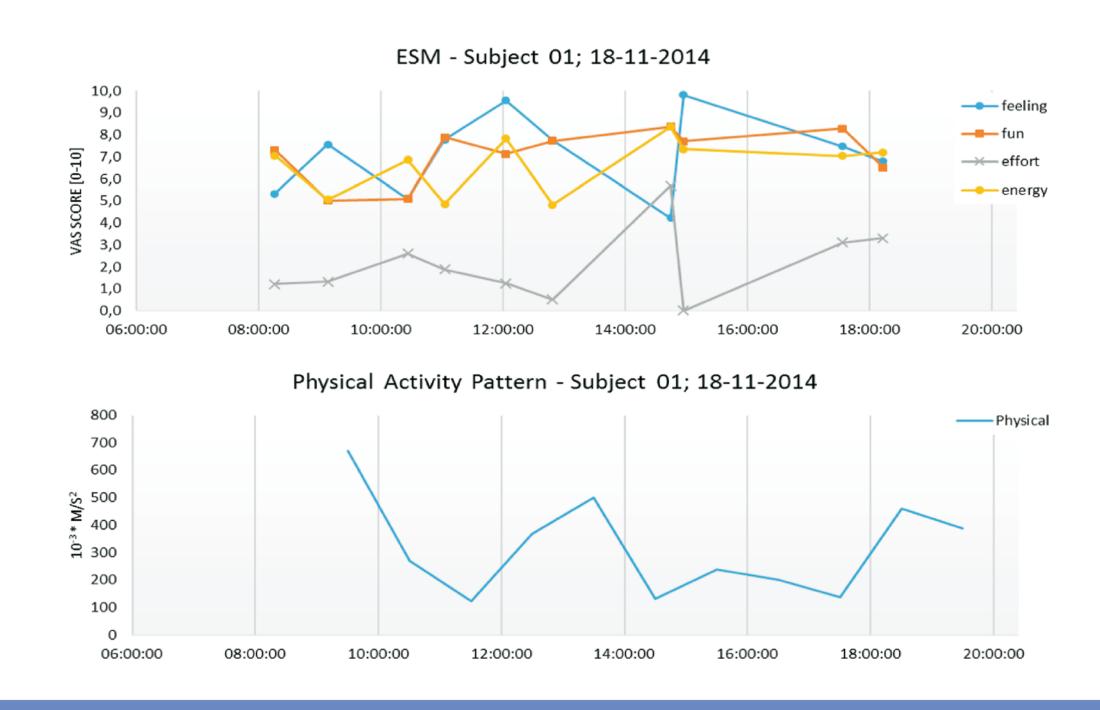


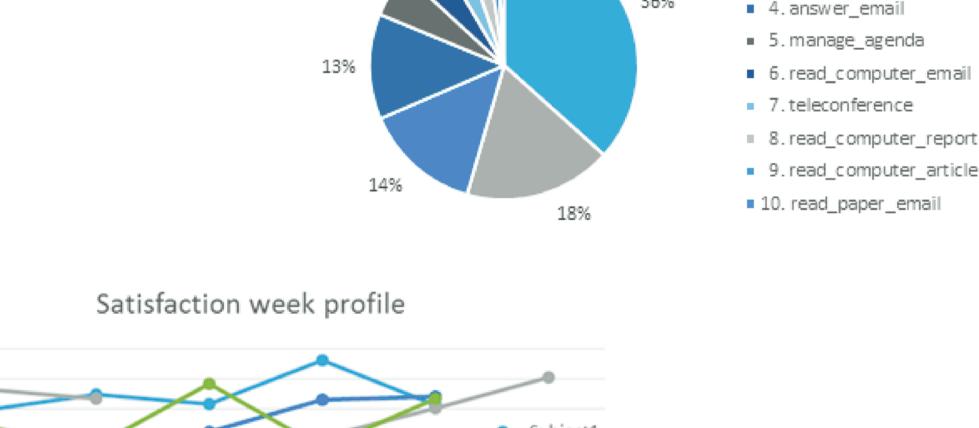




Results Multivariate linear regression model Satisfaction = 1.361 + 1.004 Fun_mean - 0.956 Feeling_std Satisfaction = Satisfaction at the end of the workday

Fun_mean = Average level of fun over the day Feeling_std = Fluctuations of feeling over the day (std) $R^2 = 0.617$





ESM - Reported activities

1. face to face

2.writing_report

3. other

Subject1 Subject2 —Subject3 ----Subject4 Subject5 **──**Subject6 Wednesday Saturday Thursday

Conclusion and discussion

- · The tool we developed is able to assess physical activity and simultaneously subjective experiences.
- · This allowed us to investigate associations between work experience and physical activity patterns.
- · Next, we will study correlations, working towards a model able to predict work satisfaction as a basis for individual work recommendations.



Simone T. Boerema









