# Work-related factors as predictors of extended employment and sex difference in extension

Prakash K.C., MPH, PhD Senior Researcher, Department of Public Health University of Turku Department of Psychology, Stress Research Institute, Stockholm University, Sweden







### What is already known on this subject?

decreased work ability predicts work disability, spells of sickness absence, and early retirement from employment

- ➢ of the psychosocial factors at work, worktime control (WTC) shown to predict working life beyond retirement
- men tend to extend their employment beyond pensionable age more often than women







### **Research Gaps**

less is known how work ability changes in the last years of employment and how this is associated with extended employment

Extent to which long-term individual-oriented flexibility in working hours is associated with working beyond retirement age is not known

Still unclear why men tend to extend than women

#### Aims of the studies in context:

- to identify **work ability** and **worktime time control** trajectories with up to 8 measurement points over a period of 16 years
- to examine their associations with a voluntary extension of employment beyond individual pensionable age among ageing employees and
- to examine the factors driving/pushing men to increase employment beyond individual pensionable age more often than women

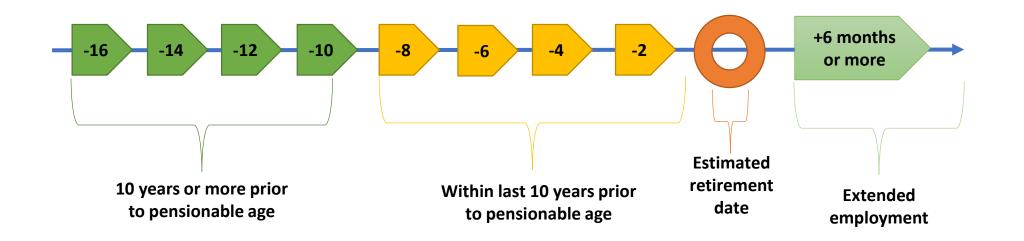






## Study setting and selection of participants

Inverse in the study participants (n=2,612 for work ability; n=1,953 for work time control)

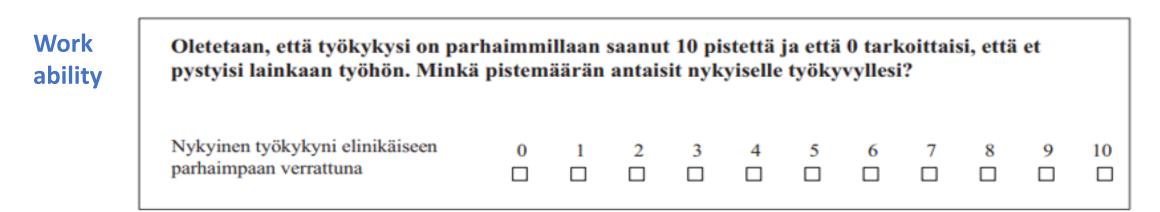




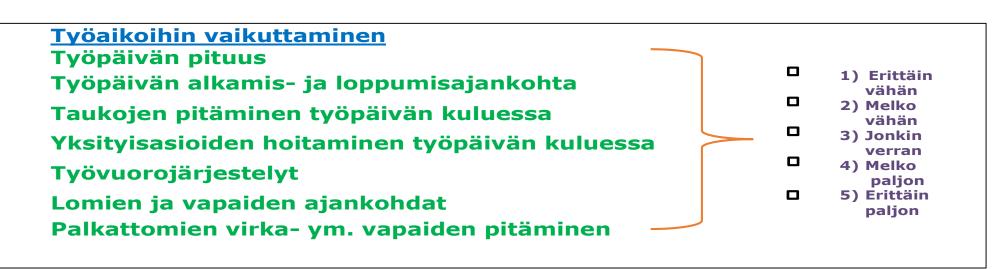




### Assessment of work-related predictors



Work-time control









### **Original research**

### Trajectories of work ability from mid-life to pensionable age and their association with retirement timing

Prakash K C <sup>(D)</sup>, <sup>1,2</sup> Marianna Virtanen, <sup>3</sup> Mika Kivimäki, <sup>4,5,6</sup> Jenni Ervasti <sup>(D)</sup>, <sup>5</sup> Jaana Pentti, <sup>1,2,4</sup> Jussi Vahtera, <sup>1,2</sup> Sari Stenholm<sup>1,2</sup>

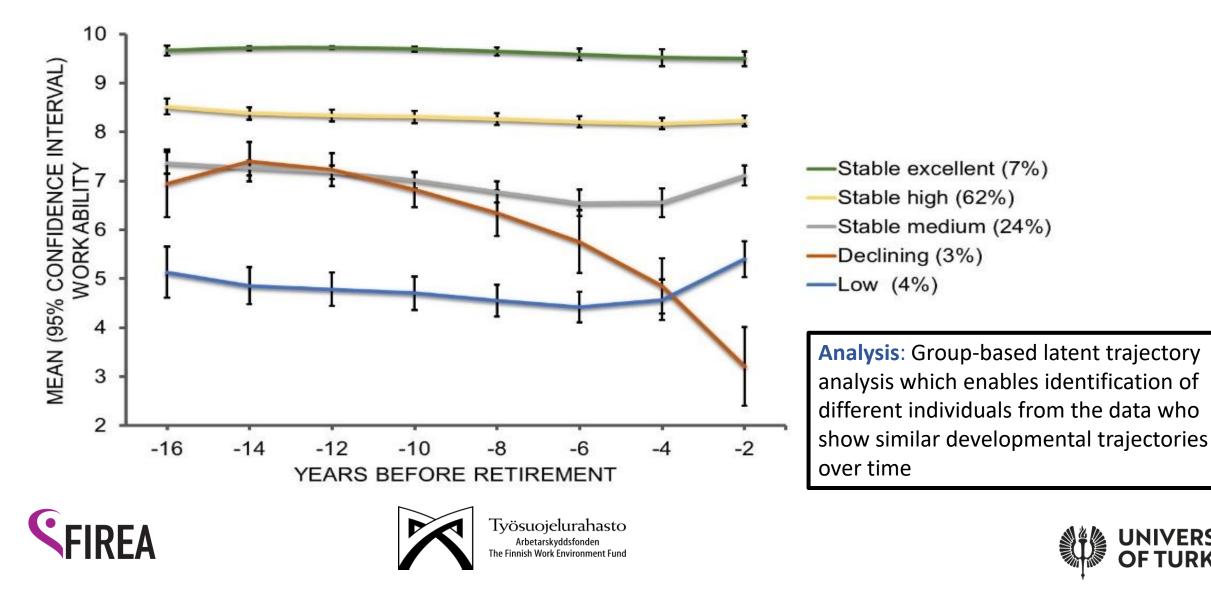
Journal of epidemiology and community health; 2021; 75, 1098-1103



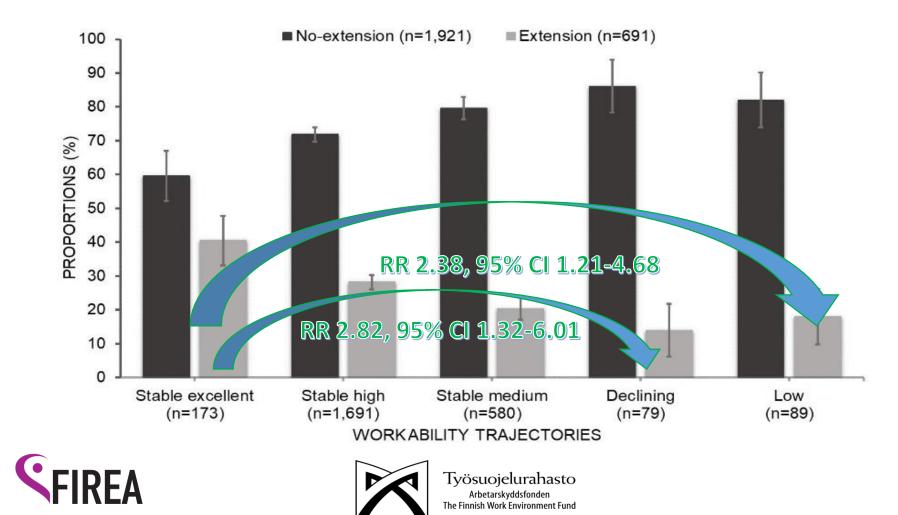




### Trajectories of work ability from midlife to pensionable age



# Association between trajectories of work ability and extended employment



Covariates used: gender, age, marital status, occupational status and self-rated health



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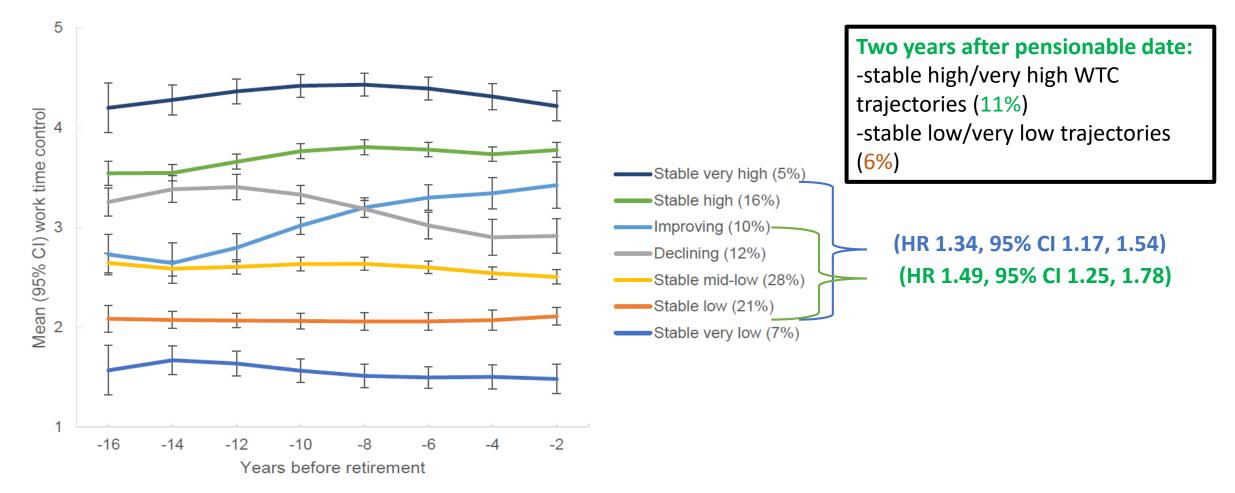
### Trajectories of Worktime Control From Midlife to Retirement and Working Beyond Retirement Age Marianna Virtanen<sup>1,2</sup>, Saana Myllyntausta<sup>1,3,4</sup>, Maarit Kauppi<sup>5</sup>, Mika Kivimäki<sup>6,7</sup>, Jaana Pentti<sup>3,4,6</sup>, Jenni Ervasti<sup>5</sup>, Prakash K. C.<sup>3,4</sup>, Jussi Vahtera<sup>3,4</sup>, and Sari Stenholm<sup>3,4</sup>







### Trajectories of worktime control from midlife to pensionable age









# Why do men extend their employment beyond pensionable age more often than women? A cohort study

Saana Myllyntausta, Marianna Virtanen, Jaana Pentti, Mika Kivimäki, Jussi Vahtera, Sari Stenholm

(in press, European Journal of Ageing)







### Gender difference

>men were more likely to extend their employment by over 6 months than women (35% of men and 28% of women)

men have a higher prevalence of factors that increase the likelihood of extended employment than women:

- a full-time working spouse
- low job strain
- high work time control
- no pain and
- less likely on part-time retirement







### What these studies add

> work ability and worktime control remained unchanged from mid-career until retirement age

- > stable excellent trajectory higher likelihood to extend their employment
- ➢ first study that investigated WTC trajectories and its effect on retirement timing
- improved or constantly high opportunities to control working times may increase the likelihood of a extended employment
- > high work time control a predictor of extended employment in women than men
- > absence of chronic diseases a predictor of extended employment in men than women

#### **Policy implications:**

-maintenance of good work ability throughout the working career may support extended employment -worktime control may be one of the most relevant organizational factors for longer working lives







## CREATING A HEALTHY WORKPLACE





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### **THANK YOU!**



Welcome for comments, questions and suggestions ...



