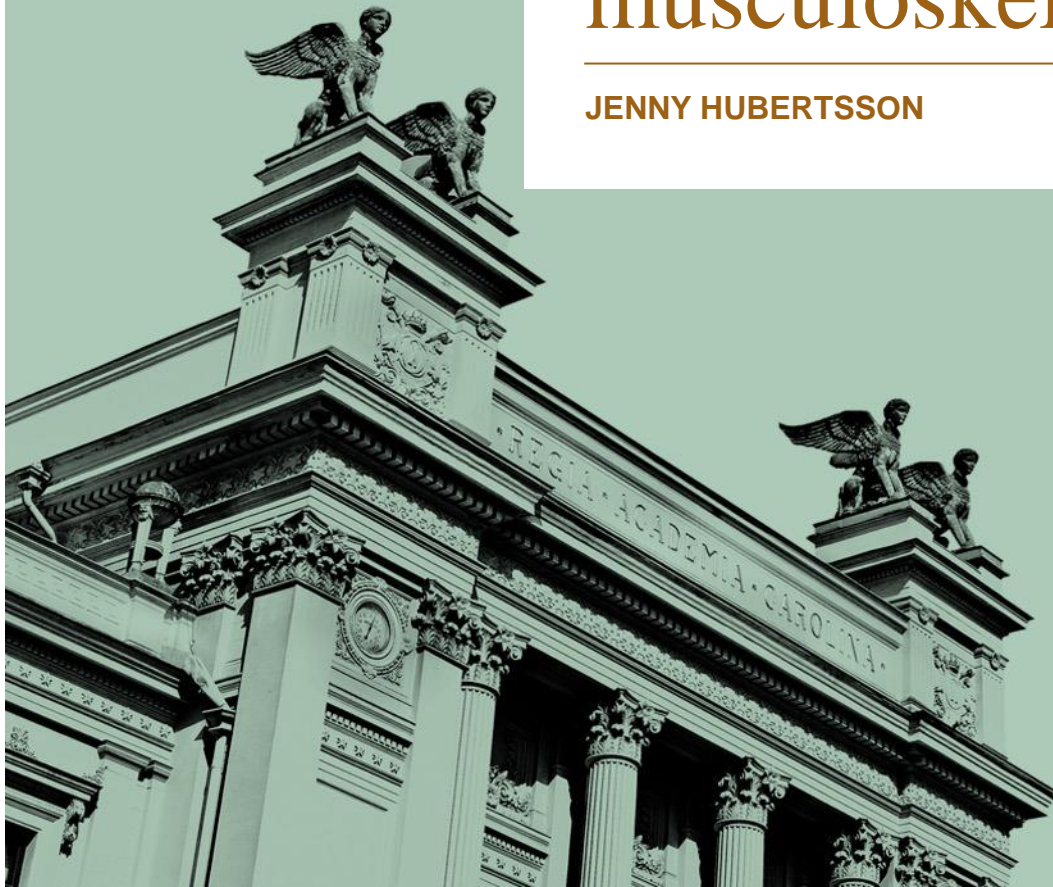




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# Sick leave patterns in common musculoskeletal disorders

JENNY HUBERTSSON





## Faculty Disclosure

<input checked="" type="checkbox"/>	No, nothing to disclose
<input type="checkbox"/>	Yes, please specify:



# Sick leave patterns in common musculoskeletal disorders – a study of doctor prescribed sick leave

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BMC Musculoskeletal 2013



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# Background

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- Problematic compare results from different studies
- Differences in definitions, terms, design and measures
- A lack of comparable, basic descriptive data of sick leave for different MSDs



# Background

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- Research and official statistics on sick leave from Sweden often based on data from the Social Insurance Agency (SSIA)
- For employees periods of sick leave shorter than 15 days are compensated by the employer – therefore not registered by the SSIA



# Objectives

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- To get comparable estimates of sick leave patterns in different diseases within the group of MSDs - including all doctor prescribed sick leave



# Methods

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- Sick leave certificates collected from the medical record systems - dates and diagnostic codes
  - 2009-2010
- The North West region of the Skåne County in Sweden –
  - Twenty two public primary health care units and two general hospitals
- Linked to data from the Social Insurance Register



# Disease groups, ICD 10

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Low back pain, M54

Disc disorders, M51

Knee osteoarthritis (OA), M17

Hip osteoarthritis (OA), M16

Rheumatoid arthritis (RA), M05-M06

Myalgia, M79





# Material

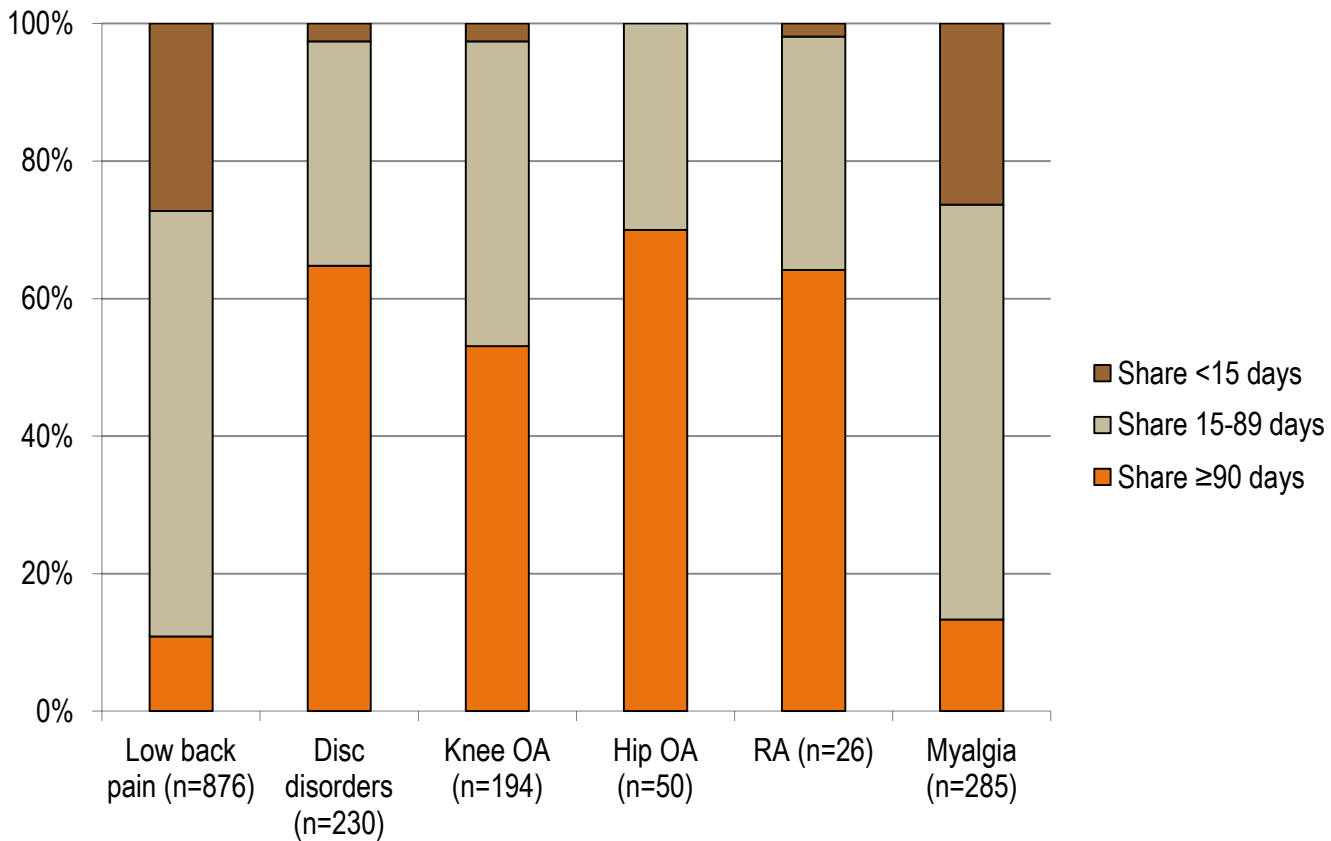
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- 20 251 sick leave periods (19 883 valid ICD 10 code)
- Issued for 16 673 individuals (8 915 women and 7 758 men, mean age 43 years)
- 3 371 periods for MSDs (1 713 for women and 1 658 for men)



# Duration of sick leave

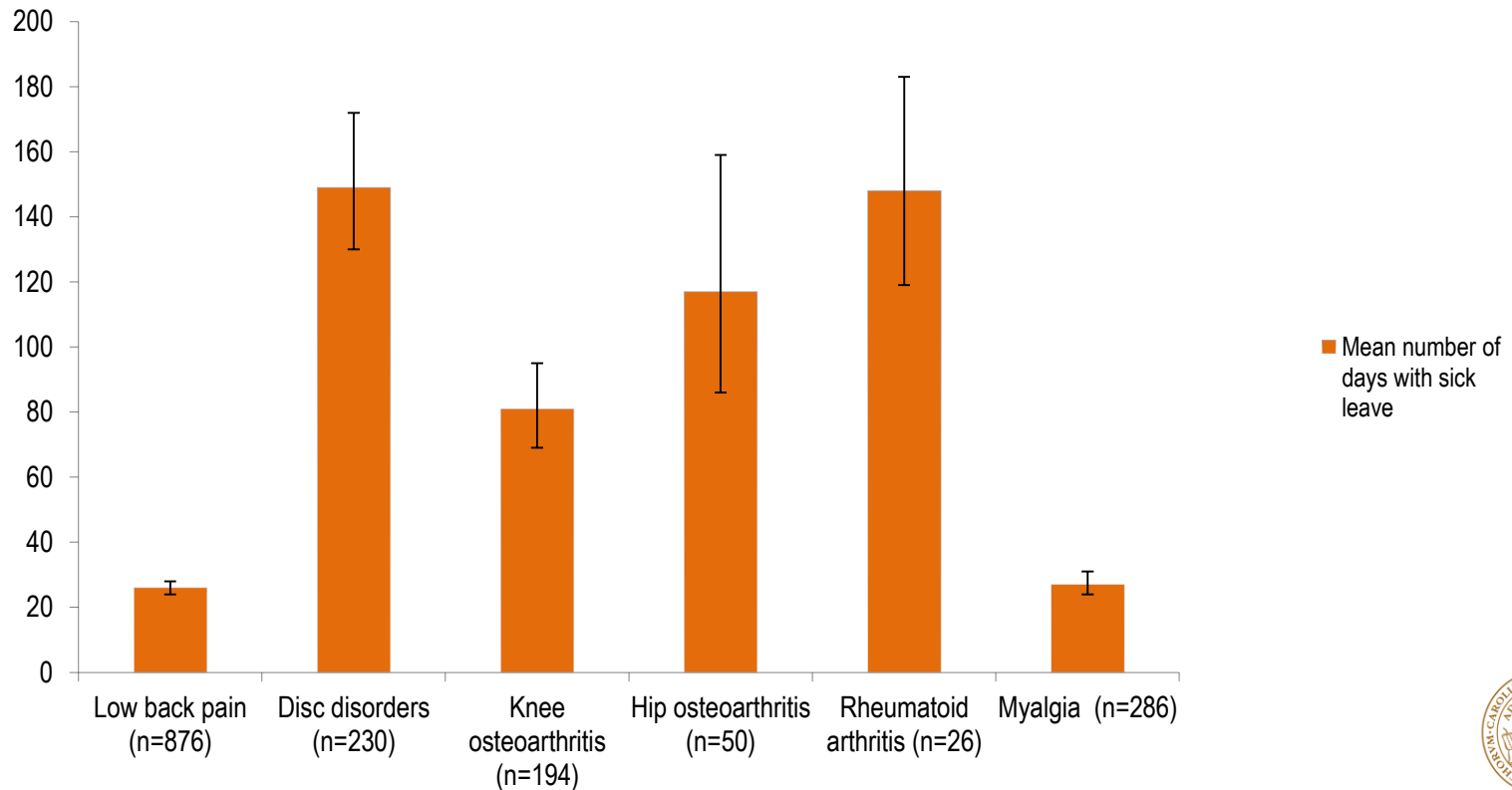
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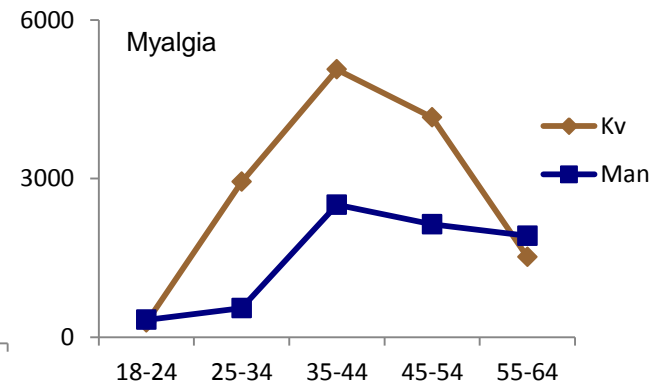
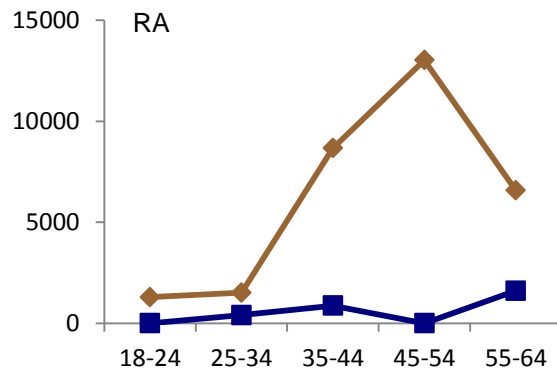
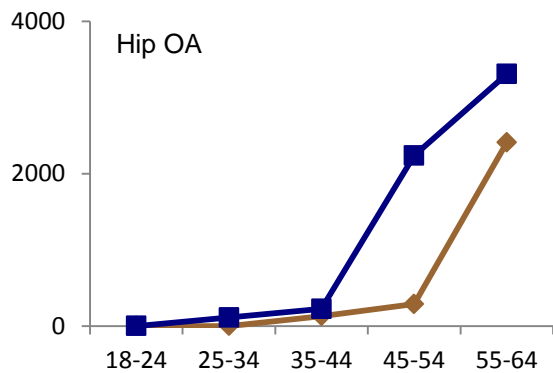
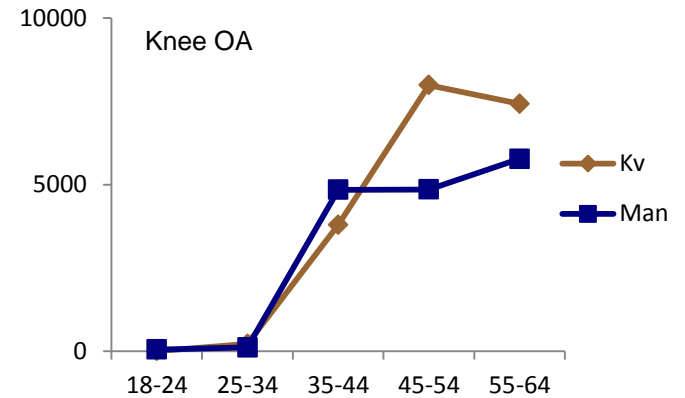
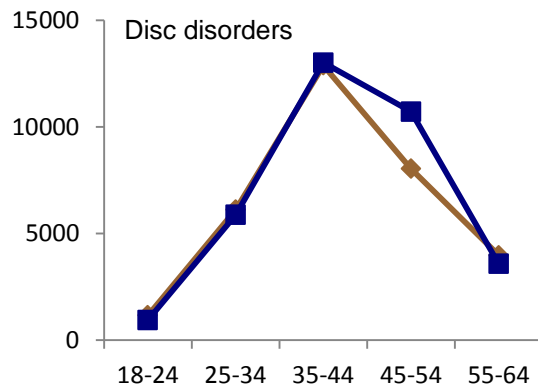
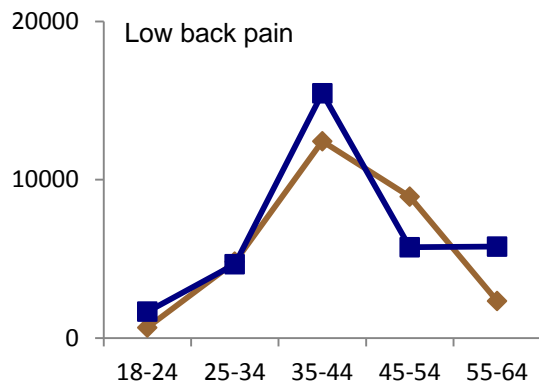
# Duration of sick leave

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Mean number of days per sick leave period for each of the six disease groups



# Age and sex distribution



# Conclusions

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- Considerable differences within the group of MSDs
- Underlines the importance of considering diagnosis in sick leave research, not only at the level of diagnostic chapters.
- Differentiation among MSDs in planning of treatment and rehabilitation.



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