

# Helikopter-perspektivet: Brug af opioider og andre smertestillende


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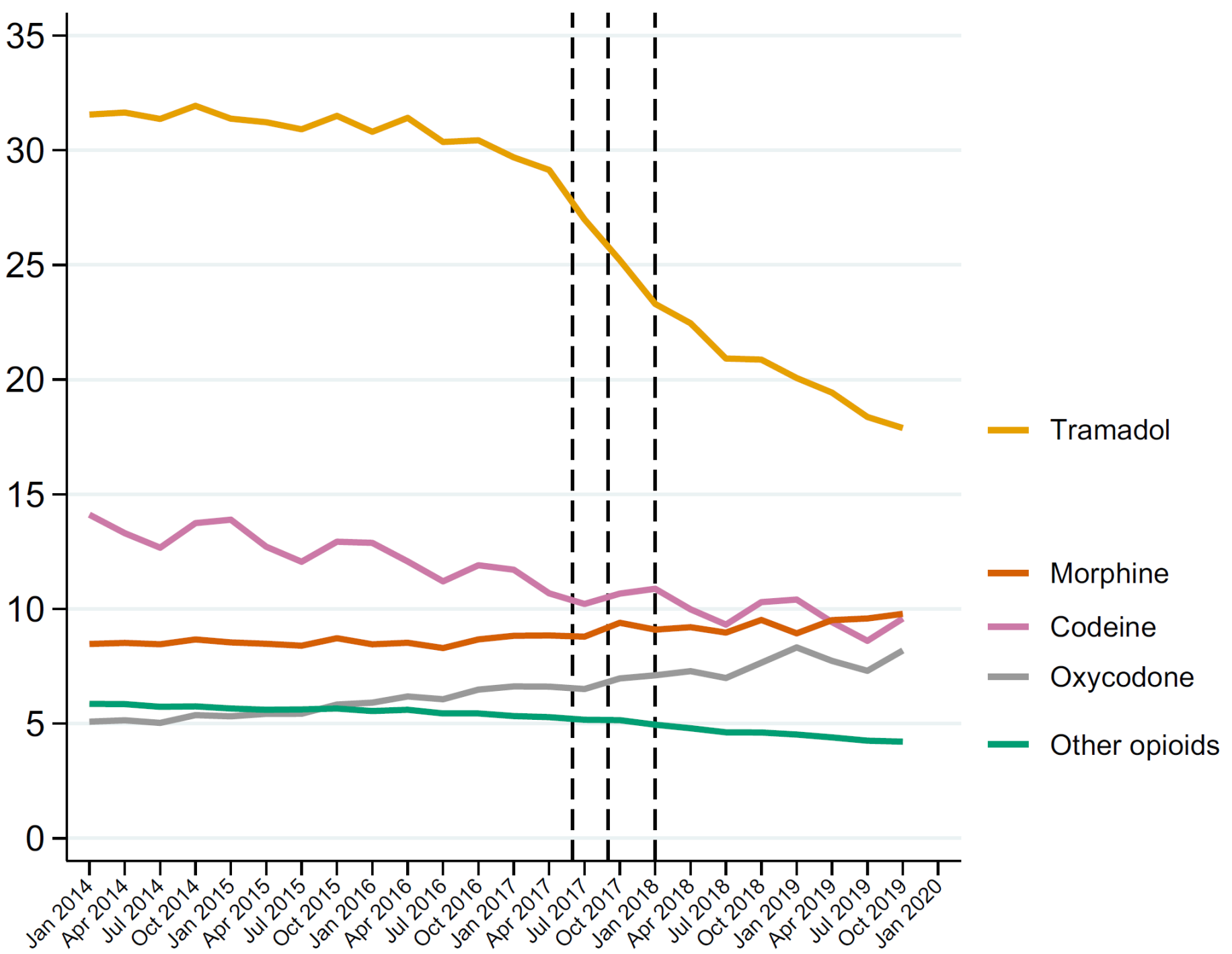
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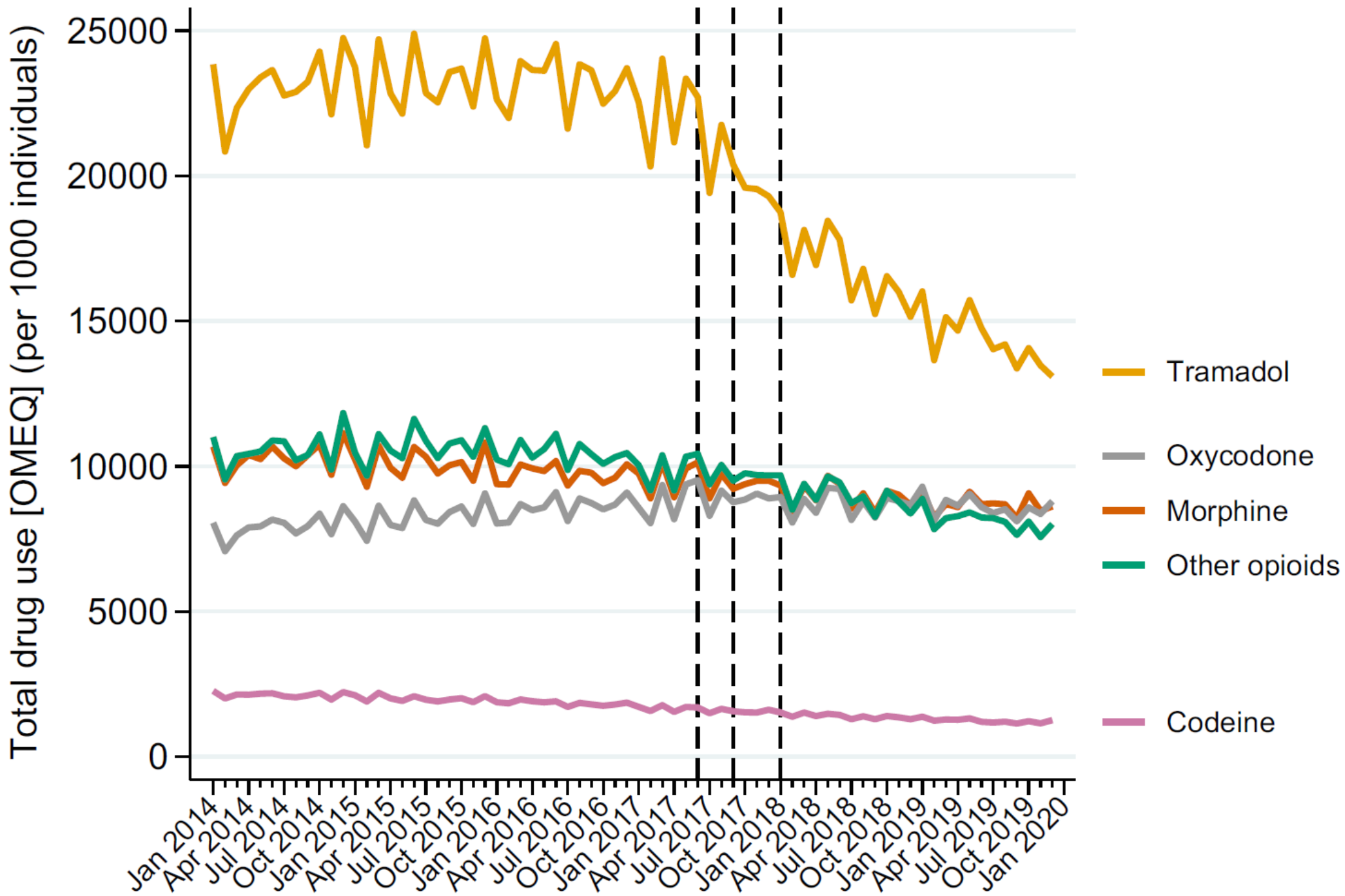
 @Pottegard

# Use of tramadol and other analgesics following media attention and risk minimization actions from regulators: a Danish nationwide drug utilization study

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Prevalence of opioid users per 1000 individuals





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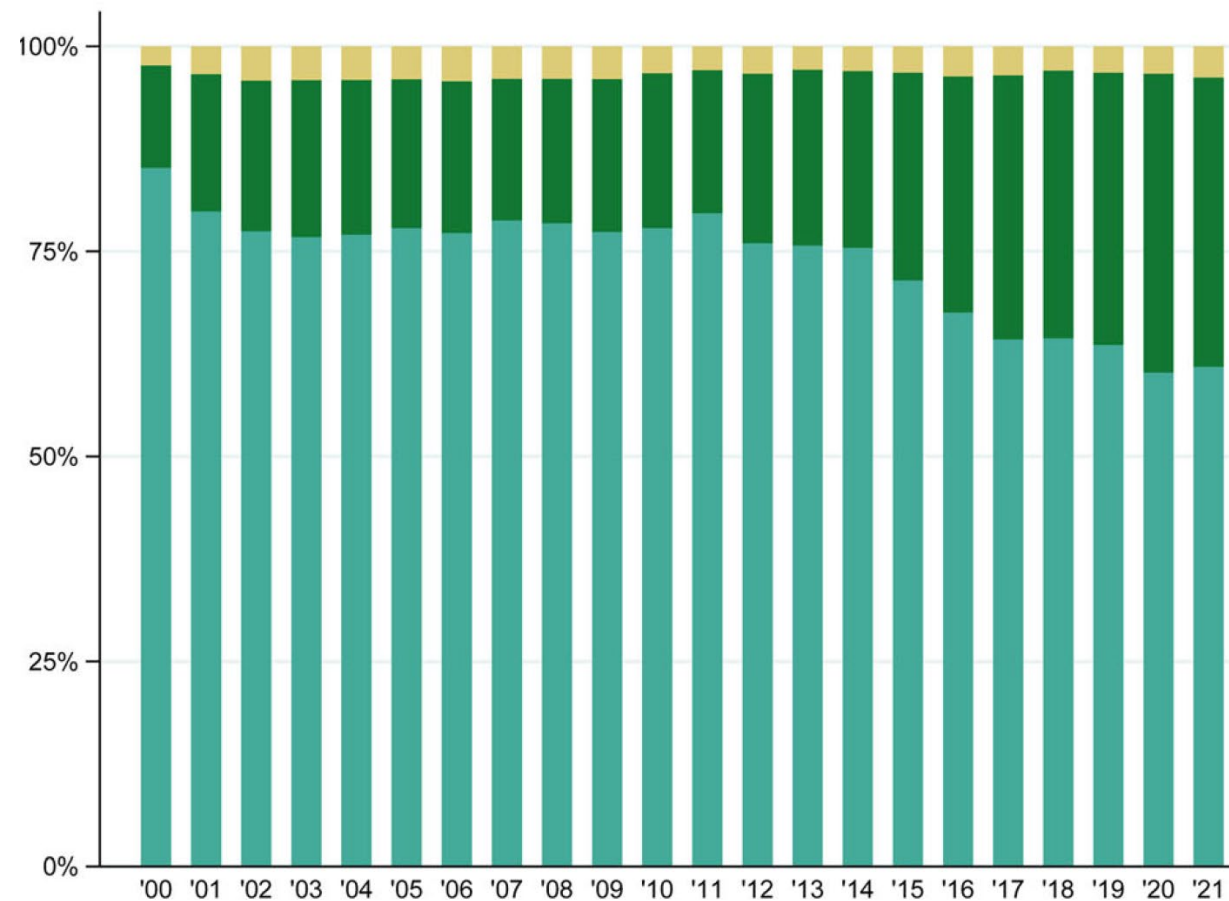
ORIGINAL ARTICLE



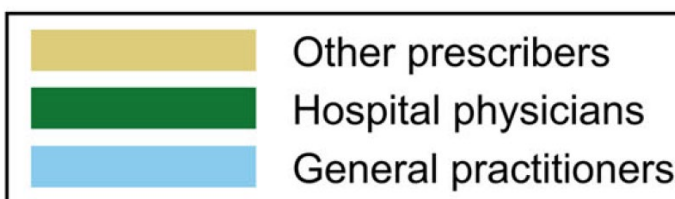
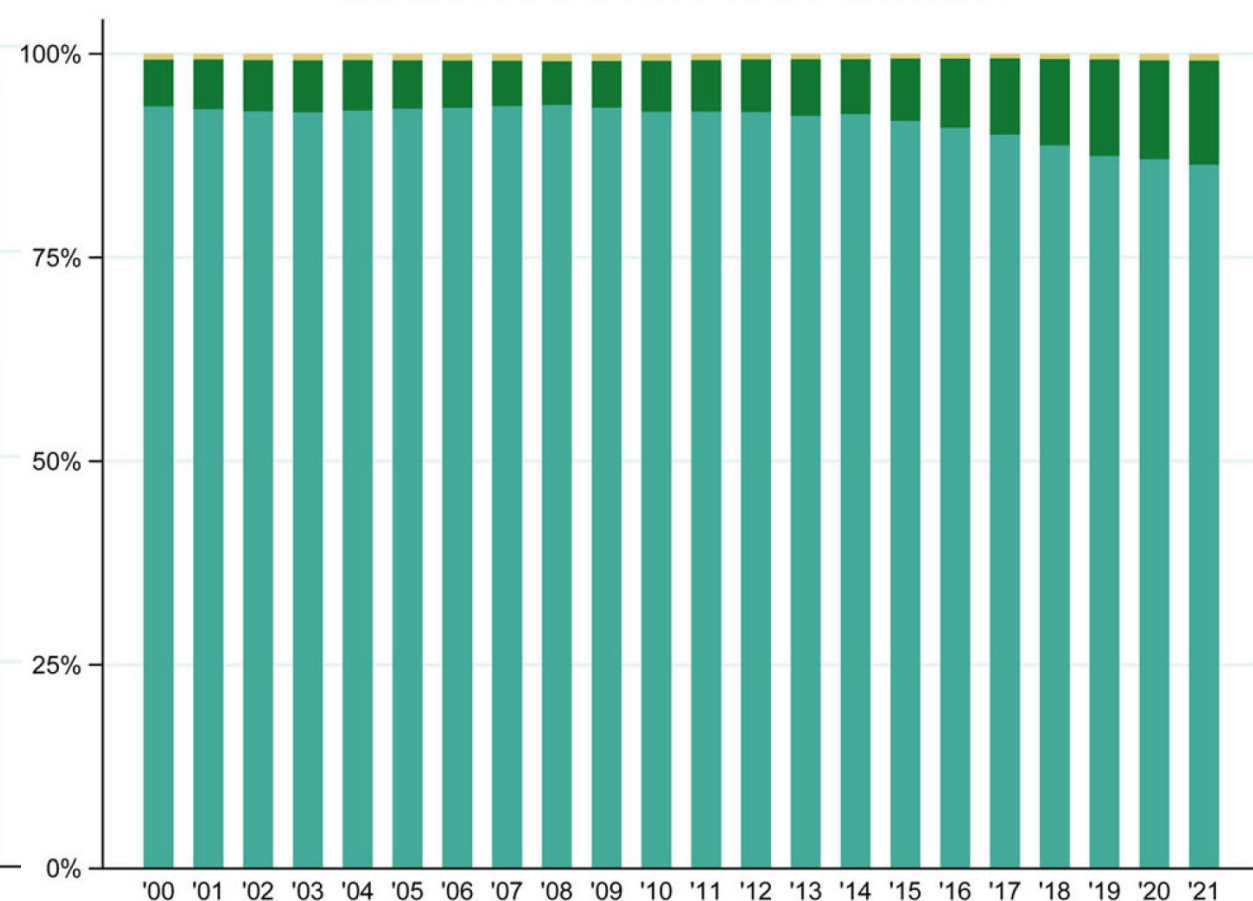
# Opioid prescriber responsibility: A Danish drug utilization study

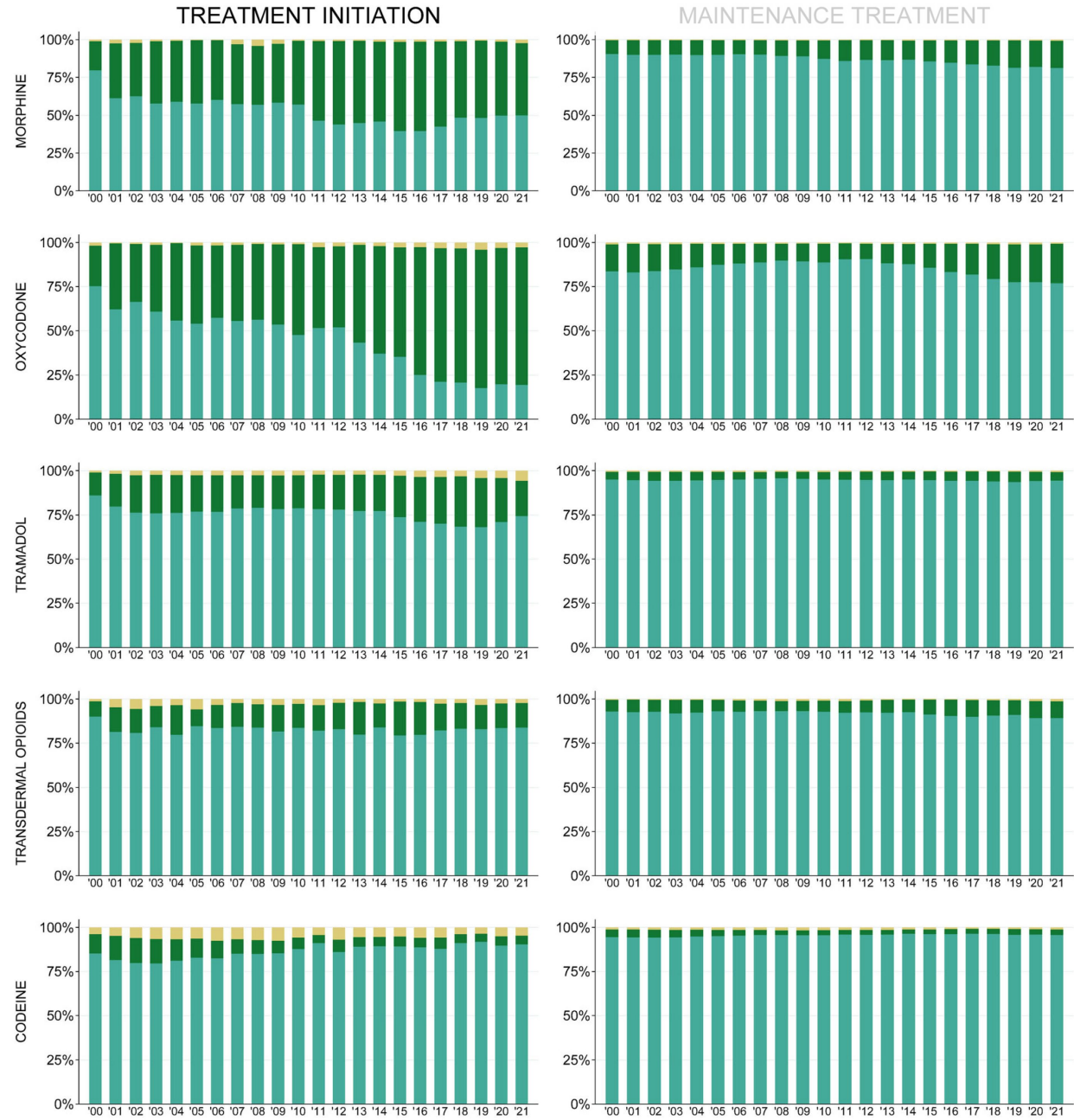
Anton Pottegård<sup>1</sup>  | Anne Mette Skov Sørensen<sup>2</sup> | Morten Olesen<sup>1</sup> |  
Lotte Rasmussen<sup>1</sup> 

## TREATMENT INITIATION

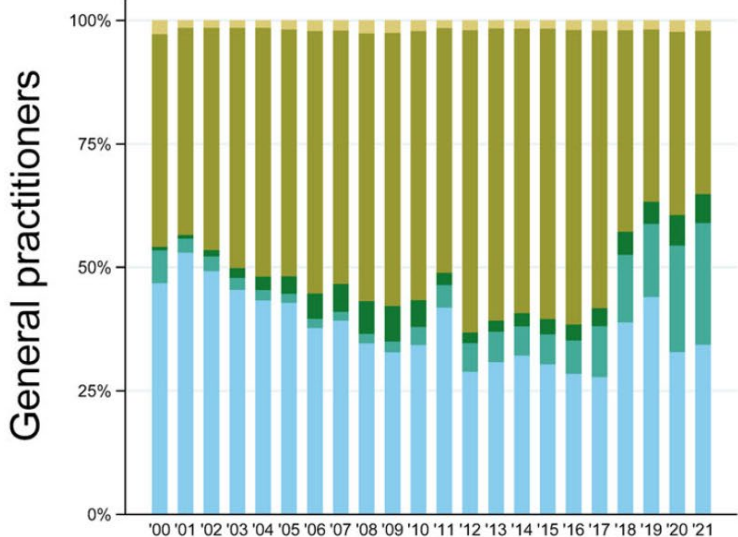


## MAINTENANCE TREATMENT

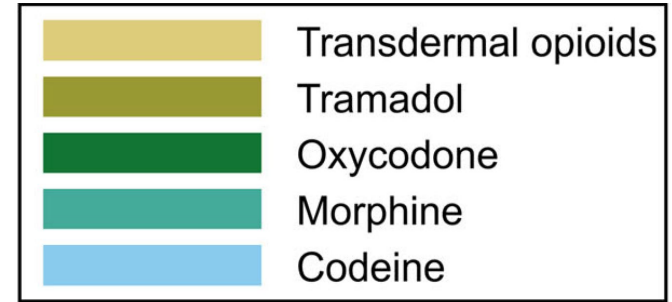
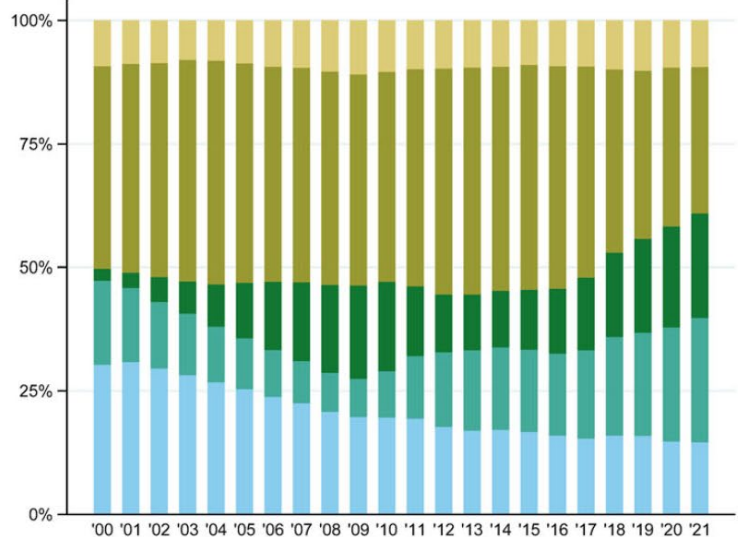




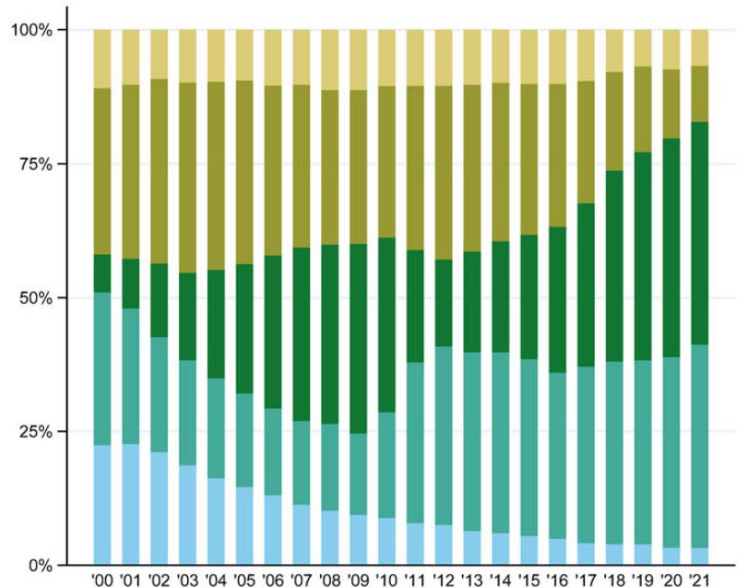
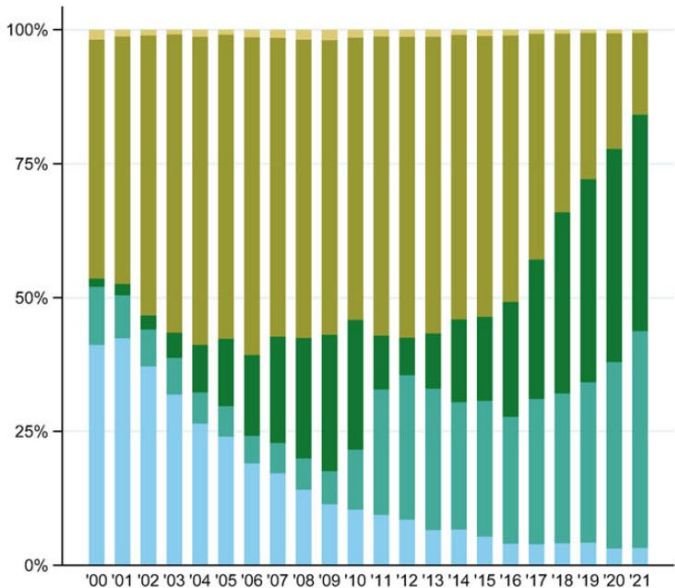
TREATMENT INITIATION



MAINTENANCE TREATMENT





Hospital prescribers





**SHORT REPORT**

# Who prescribes drugs to patients: A Danish register-based study

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We describe the distribution of prescriber types responsible for issuing prescriptions in Denmark. Using a 20% random sample of all Danes alive during 2000–2018 ( $n = 1\,515\,025$ ) and all their prescriptions filled at community pharmacies ( $n = 182\,143\,707$ ), we found that general practitioners issued 88% of all prescriptions, followed by hospital physicians (7.4%) and private practicing specialists (4.2%). These values were stable over the study period. With increasing patient age, general practitioners were responsible for a larger proportion of prescriptions (e.g. 68% for patients aged 0–17 y and 89% for patients  $\geq 51$  y). General practitioners were responsible for 84% of all treatment initiation (first prescription) and 90% of all maintenance treatment. Corresponding values for hospital physicians were 9.5 and 6.3%, and for private practicing specialists 5.3 and 3.6%. In conclusion, general practitioners are responsible for the vast majority of prescribing in Denmark, including both treatment initiation and continuation, in particular among the elderly.

88%

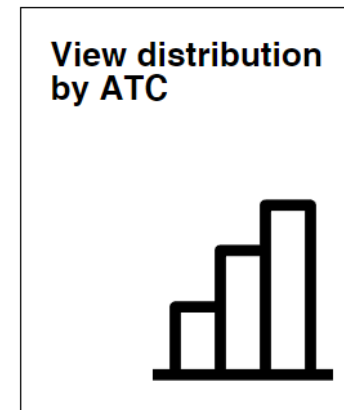
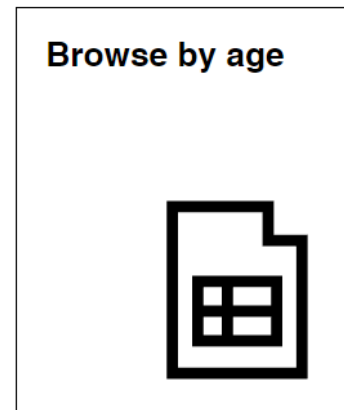
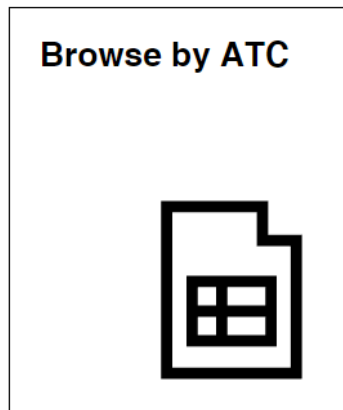
almen praksis

# pharmacoepi.sdu.dk/prescriber

Who prescribes drugs to patients

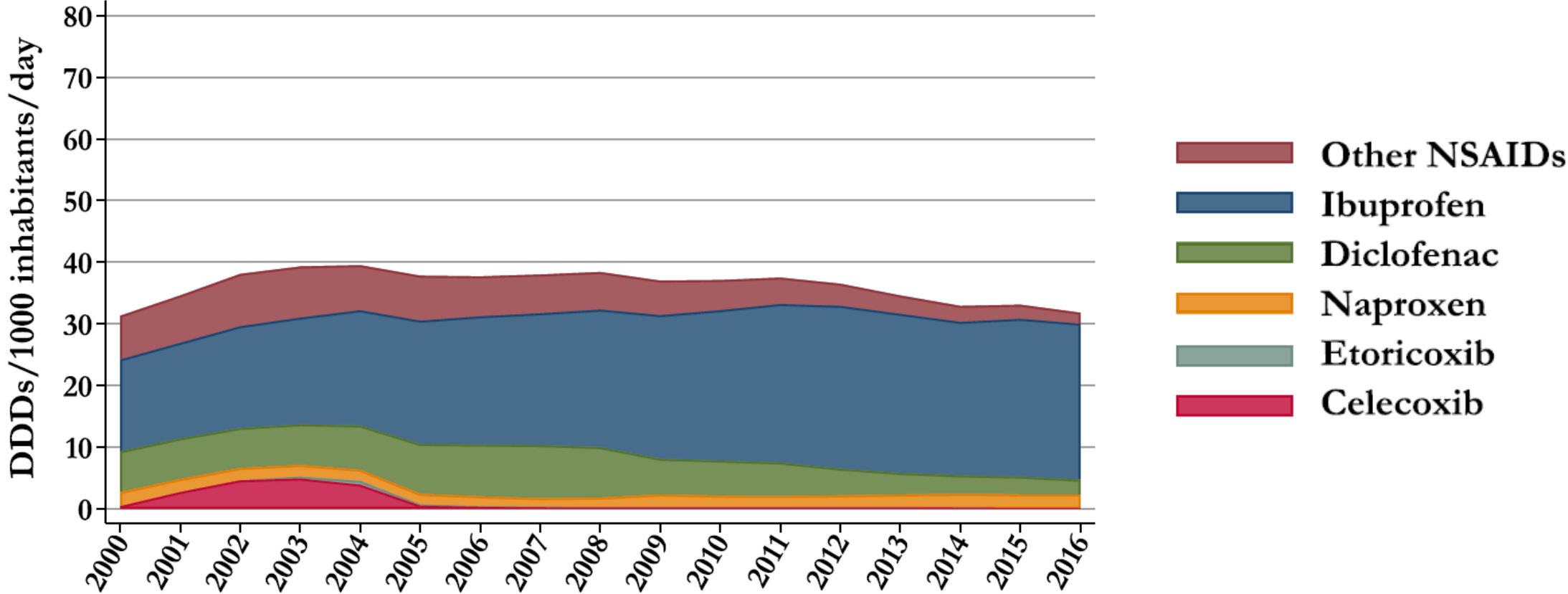
## Danish register-based study

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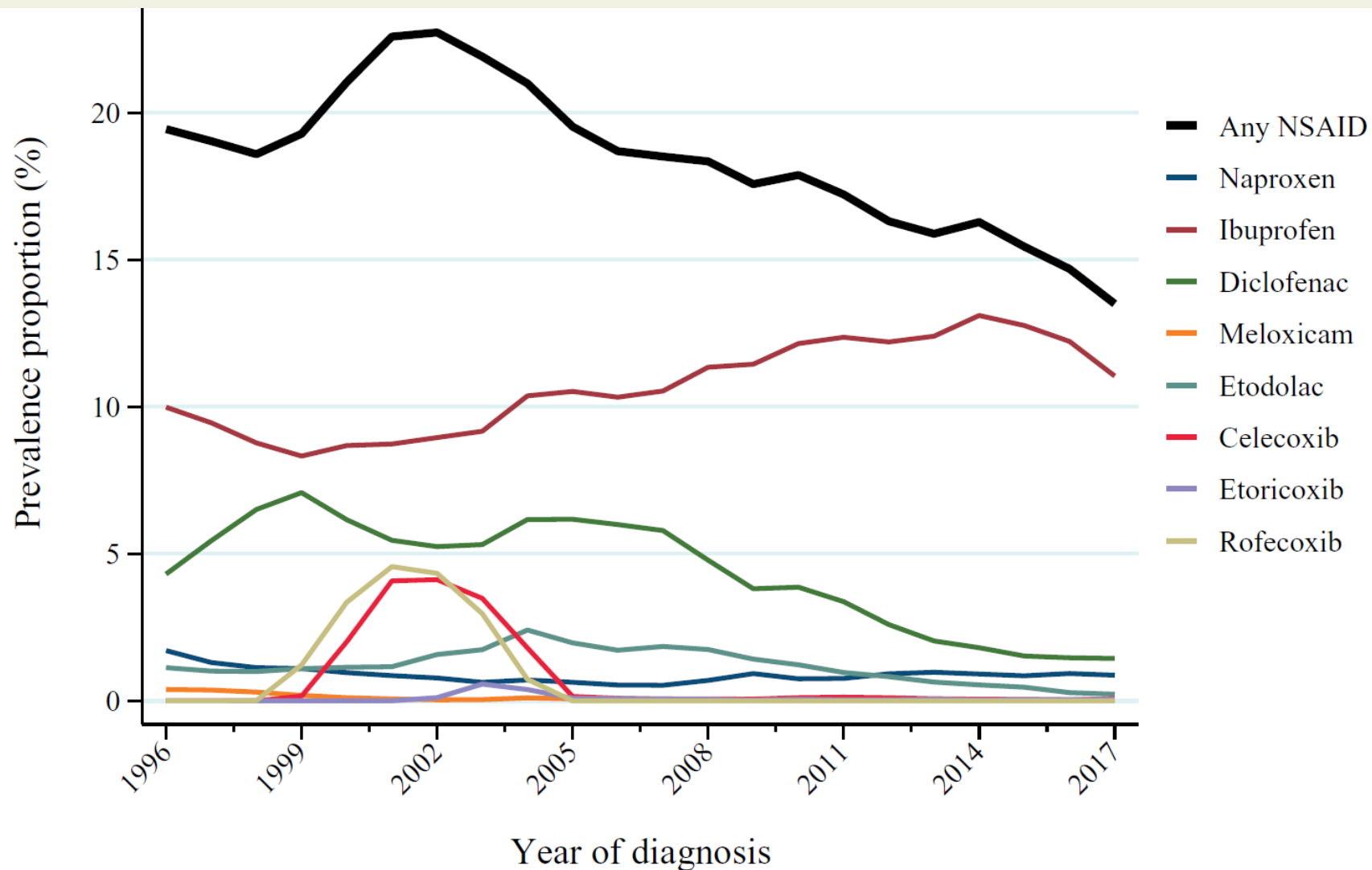


NSAID?

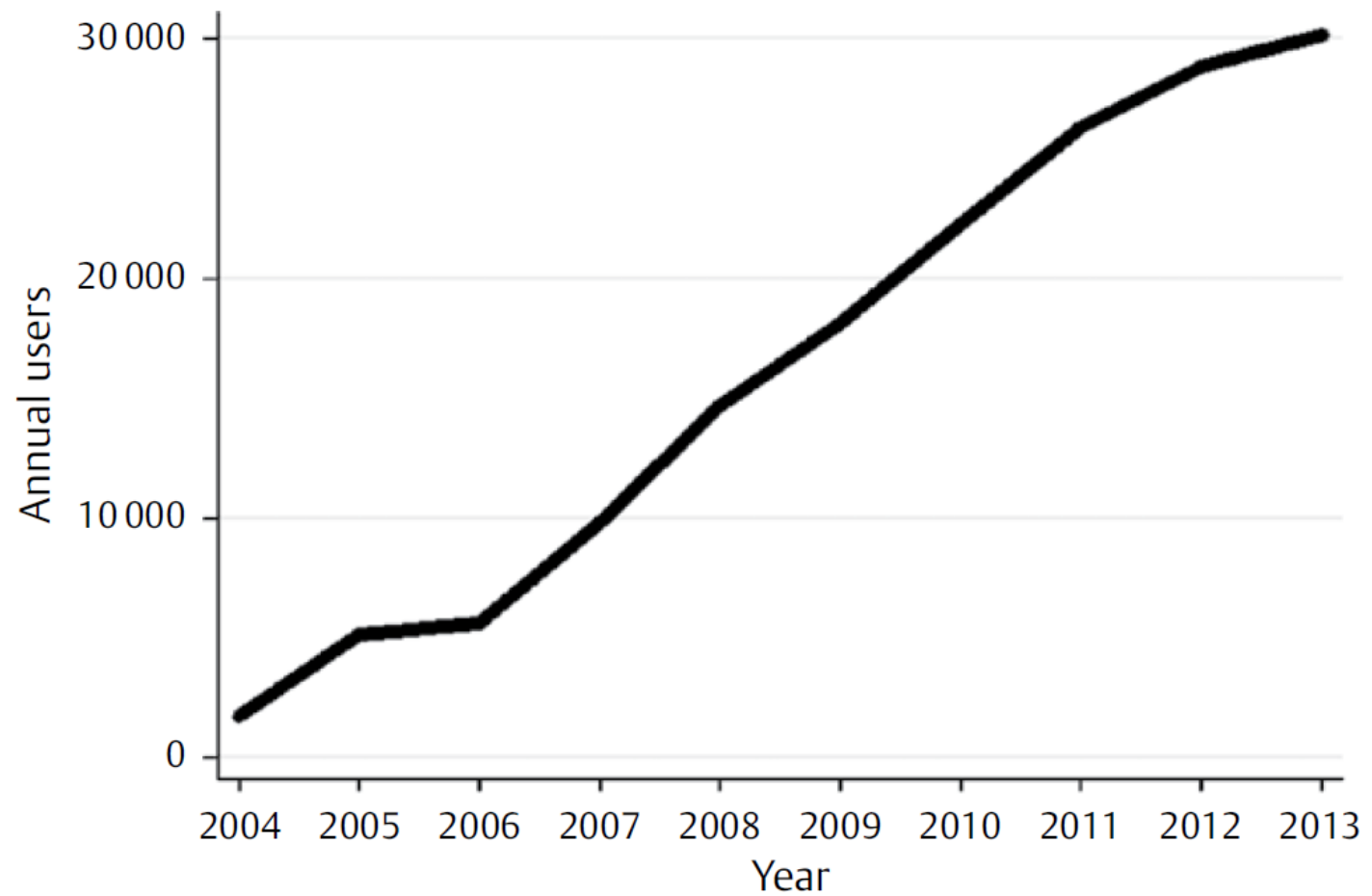
# Denmark



Initiation of NSAIDs in patients with cardiovascular disease declined since 2002. Shorter treatment duration, declining COX-2 inhibition, and increasing use of naproxen and low-dose ibuprofen suggest adherence to guidelines when NSAIDs cannot be avoided. Still, NSAID use remained prevalent despite cardiovascular contraindications, warranting awareness of appropriateness of use among general practitioners in particular.

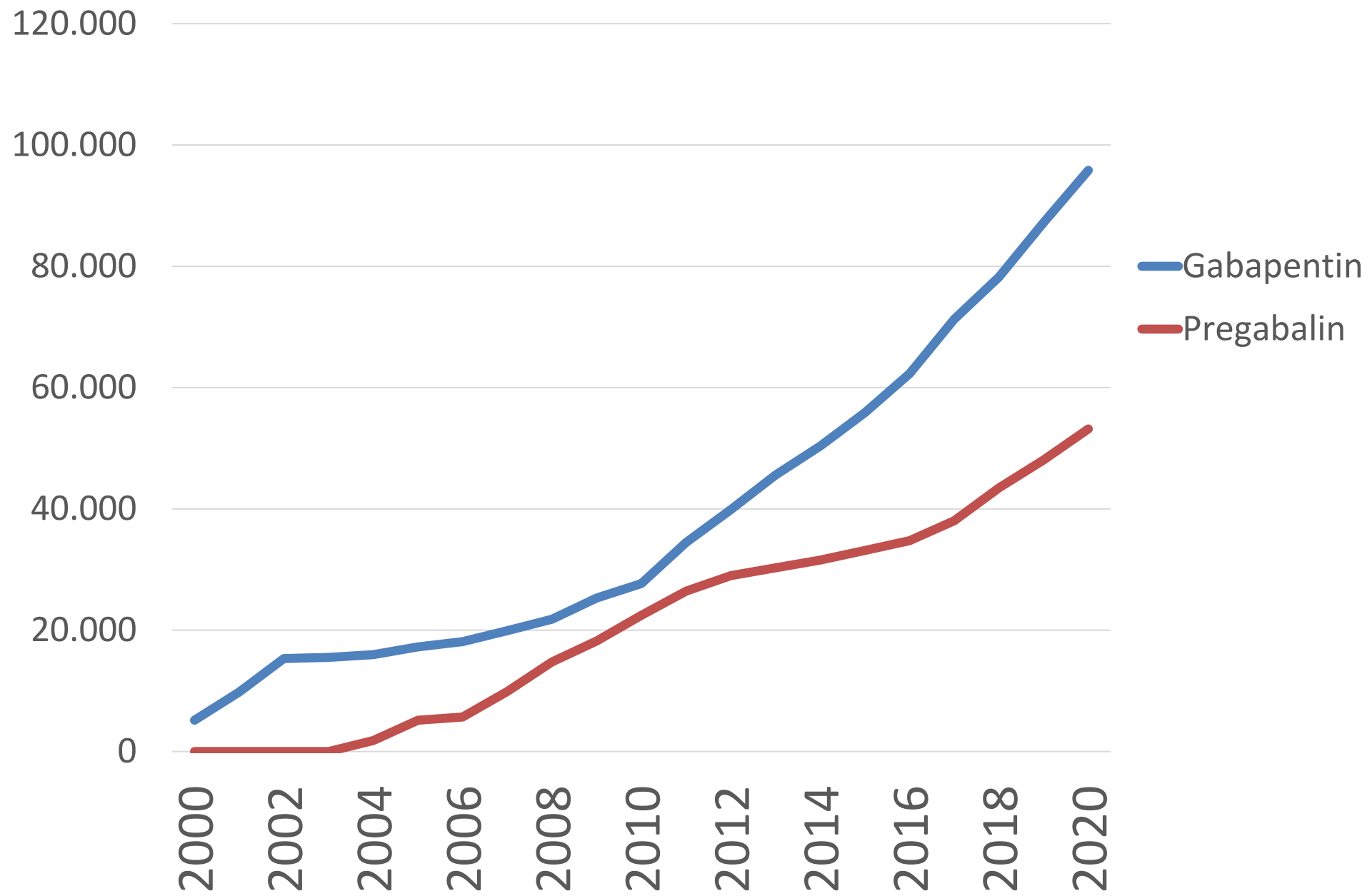


Gabapentinoider?



**Fig. 1** Annual users of pregabalin in Denmark from 2004 to 2013.





CNS Drugs (2016) 30:9–25


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SYSTEMATIC REVIEW

# Abuse Potential of Pregabalin

## A Systematic Review

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