Reviewer’s report

Title: Temporal trends in incidence, recurrence and prevalence of stroke in an era of ageing populations. A longitudinal study of the total Swedish population.

Version: 0 Date: 04 Oct 2018

Reviewer: Adesola Ogunniyi

Reviewer's report:

The authors have carried out a nationwide study of stroke incidence over 27 years and involving over 35 million subjects. The methodology is robust and the data well presented. However, it would be interesting to separate out ischemic and hemorrhagic stroke types to evaluate any differences. The reasons for the declining stroke incidence rates were not satisfactorily discussed. Were there nationwide health promotion efforts or were there changes in policy with regards to non-communicable diseases in Sweden during the study period. The reasons for the differences reported between European countries can also be speculated upon to make the discussion richer.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review
Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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