Reviewer’s report

Title: The Effects of a Rise in Cigarette Price on Cigarette Consumption, Tobacco Taxation Revenues, and of Smoking-Related Deaths in 28 EU Countries-- Applying Threshold Regression Modelling

Version: 0 Date: 08 Jun 2017

Reviewer: Filippos Filippidis

Reviewer’s report:

The methodology of the paper in much clearer. I have a few comments, but they are mostly minor.

Abstract, page 2, line 7. Please delete the word incidences.

Background, page 4, line 20. European Commission published a recent report on smoking in the EU in late May 2017 (Eurobarometer data). I suggest the authors update the data they present.

Page 8, line 48-54. The authors do mention that they have MPOWER data from 2008 to 2014, but what did they do for years 2005-2007? Did they use 2008 data? This needs to be clarified.

Page 13, lines 20-23. It seems that the sum of squared errors for the double-threshold model (0.355) is NOT lower than that of the single-threshold model (0.311). Is this a numerical error? This requires clarification.

Results. Some methodological details are unnecessarily repeated in the Results section. For example, page 14, lines 29-34.

Page 14, lines 38-55. It is not clear to me how these 3 groups of countries were selected and why group averages are presented. Please clarify in the methods or results why and how this was done.

Page 16, line 8. 0.282 to 0.576 is not "similar" to 0.3-0.4. There is a quite big difference. The direction of the effect is consistent, but not the effect size.

The authors have included number of MPOWER policies implemented at the highest level. I suggest they explicitly mention this throughout the text, rather than just "number of MPOWER policies".

Page 17, line 34. I believe it should be "two" countries, not "three".

Page 17. One of the limitations of the study is that it has not taken into account roll-your-own (RYO) tobacco consumption. RYO tobacco has become quite popular in the EU and some people may have switched to RYO. This somewhat limits the validity of the analysis, as only
manufactured cigarette data has been included in the analysis. This should be at least briefly discussed.

**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.

Yes

**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 am able to assess the statistics

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