

Assignment for the APC-course, MPIDR, May 2016

The purpose of this assignment is to do a proper APC-analysis of the data on stomach cancer incidence in Denmark 1943–2003 in the file

<http://BendixCarstensen.com/APC/MPIDR-2016/data/apc-Stomach.txt>.

Note that data are classified by age, period and cohort, i.e. corresponding to Lexis triangles. But the mean of the age, period and cohort in these triangles are not given.

It is important that you show that you understand the meaning of the estimated parameters by explaining their meaning and commenting on the results.

The report must additionally to this include:

- Proper overview over the data coding.
- Graphical display of the empirical rates in suitable groups.
- Separate analyses for males and females.
- Analysis of the differences between males and females, particularly if a simple description can be obtained.

The report should not exceed 8 pages¹, but it should contain graphs of the results as well as the central parts of the R-code used for the analysis. The full documentation of the R-code applied may be attached as an add-on beyond the 8 pages. There is no guarantee that the latter will be looked at.

The report should be handed in to Bendix Carstensen by Friday morning 5th May.

¹Remember that even if you already have written an entire section in the report, it may be a good idea to delete it later, because it has become redundant or because it was badly formulated. This of of course does not apply to those students that are perfect.

Assignment for the APC-course, MPIDR, May 2016

The purpose of this assignment is to do a proper APC-analysis of the data on bladder cancer incidence in Denmark 1943–2003 in the file

<http://BendixCarstensen.com/APC/MPIDR-2016/data/apc-Bladder.txt>.

Note that data are classified by age, period and cohort, i.e. corresponding to Lexis triangles. But the mean of the age, period and cohort in these triangles are not given.

It is important that you show that you understand the meaning of the estimated parameters by explaining their meaning and commenting on the results.

The report must additionally to this include:

- Proper overview over the data coding.
- Graphical display of the empirical rates in suitable groups.
- Separate analyses for males and females.
- Analysis of the differences between males and females, particularly if a simple description can be obtained.

The report should not exceed 8 pages², but it should contain graphs of the results as well as the central parts of the R-code used for the analysis. The full documentation of the R-code applied may be attached as an add-on beyond the 8 pages. There is no guarantee that the latter will be looked at.

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Assignment for the APC-course, MPIDR, May 2016

The purpose of this assignment is to do a proper APC-analysis of the data on colon cancer incidence in Denmark 1943–2003 in the file

<http://BendixCarstensen.com/APC/MPIDR-2016/data/apc-Colon.txt>.

Note that data are classified by age, period and cohort, i.e. corresponding to Lexis triangles. But the mean of the age, period and cohort in these triangles are not given.

It is important that you show that you understand the meaning of the estimated parameters by explaining their meaning and commenting on the results.

The report must additionally to this include:

- Proper overview over the data coding.
- Graphical display of the empirical rates in suitable groups.
- Separate analyses for males and females.
- Analysis of the differences between males and females, particularly if a simple description can be obtained.

The report should not exceed 8 pages³, but it should contain graphs of the results as well as the central parts of the R-code used for the analysis. The full documentation of the R-code applied may be attached as an add-on beyond the 8 pages. There is no guarantee that the latter will be looked at.

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Assignment for the APC-course, MPIDR, May 2016

The purpose of this assignment is to do a proper APC-analysis of the data on rectum cancer incidence in Denmark 1943–2003 in the file

<http://BendixCarstensen.com/APC/MPIDR-2016/data/apc-Rectum.txt>.

Note that data are classified by age, period and cohort, i.e. corresponding to Lexis triangles. But the mean of the age, period and cohort in these triangles are not given.

It is important that you show that you understand the meaning of the estimated parameters by explaining their meaning and commenting on the results.

The report must additionally to this include:

- Proper overview over the data coding.
- Graphical display of the empirical rates in suitable groups.
- Separate analyses for males and females.
- Analysis of the differences between males and females, particularly if a simple description can be obtained.

The report should not exceed 8 pages⁴, but it should contain graphs of the results as well as the central parts of the R-code used for the analysis. The full documentation of the R-code applied may be attached as an add-on beyond the 8 pages. There is no guarantee that the latter will be looked at.

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Assignment for the APC-course, MPIDR, May 2016

The purpose of this assignment is to do a proper APC-analysis of the data on kidney cancer incidence in Denmark 1943–2003 in the file

<http://BendixCarstensen.com/APC/MPIDR-2016/data/apc-Kidney.txt>.

Note that data are classified by age, period and cohort, i.e. corresponding to Lexis triangles. But the mean of the age, period and cohort in these triangles are not given.

It is important that you show that you understand the meaning of the estimated parameters by explaining their meaning and commenting on the results.

The report must additionally to this include:

- Proper overview over the data coding.
- Graphical display of the empirical rates in suitable groups.
- Separate analyses for males and females.
- Analysis of the differences between males and females, particularly if a simple description can be obtained.

The report should not exceed 8 pages⁵, but it should contain graphs of the results as well as the central parts of the R-code used for the analysis. The full documentation of the R-code applied may be attached as an add-on beyond the 8 pages. There is no guarantee that the latter will be looked at.

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Assignment for the APC-course, MPIDR, May 2016

The purpose of this assignment is to do a proper APC-analysis of the data on liver cancer incidence in Denmark 1943–2003 in the file

<http://BendixCarstensen.com/APC/MPIDR-2016/data/apc-Liver.txt>.

Note that data are classified by age, period and cohort, i.e. corresponding to Lexis triangles. But the mean of the age, period and cohort in these triangles are not given.

It is important that you show that you understand the meaning of the estimated parameters by explaining their meaning and commenting on the results.

The report must additionally to this include:

- Proper overview over the data coding.
- Graphical display of the empirical rates in suitable groups.
- Separate analyses for males and females.
- Analysis of the differences between males and females, particularly if a simple description can be obtained.

The report should not exceed 8 pages⁶, but it should contain graphs of the results as well as the central parts of the R-code used for the analysis. The full documentation of the R-code applied may be attached as an add-on beyond the 8 pages. There is no guarantee that the latter will be looked at.

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Assignment for the APC-course, MPIDR, May 2016

The purpose of this assignment is to do a proper APC-analysis of the data on lung cancer incidence in Denmark 1943–2003 in the file

<http://BendixCarstensen.com/APC/MPIDR-2016/data/apc-Lung.txt>.

Note that data are classified by age, period and cohort, i.e. corresponding to Lexis triangles. But the mean of the age, period and cohort in these triangles are not given.

It is important that you show that you understand the meaning of the estimated parameters by explaining their meaning and commenting on the results.

The report must additionally to this include:

- Proper overview over the data coding.
- Graphical display of the empirical rates in suitable groups.
- Separate analyses for males and females.
- Analysis of the differences between males and females, particularly if a simple description can be obtained.

The report should not exceed 8 pages⁷, but it should contain graphs of the results as well as the central parts of the R-code used for the analysis. The full documentation of the R-code applied may be attached as an add-on beyond the 8 pages. There is no guarantee that the latter will be looked at.

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Assignment for the APC-course, MPIDR, May 2016

The purpose of this assignment is to do a proper APC-analysis of the data on incidence of malignant melanoma in Denmark 1943–2003 in the file

<http://BendixCarstensen.com/APC/MPIDR-2016/data/apc-Melanoma.txt>.

Note that data are classified by age, period and cohort, i.e. corresponding to Lexis triangles. But the mean of the age, period and cohort in these triangles are not given.

It is important that you show that you understand the meaning of the estimated parameters by explaining their meaning and commenting on the results.

The report must additionally to this include:

- Proper overview over the data coding.
- Graphical display of the empirical rates in suitable groups.
- Separate analyses for males and females.
- Analysis of the differences between males and females, particularly if a simple description can be obtained.

The report should not exceed 8 pages⁸, but it should contain graphs of the results as well as the central parts of the R-code used for the analysis. The full documentation of the R-code applied may be attached as an add-on beyond the 8 pages. There is no guarantee that the latter will be looked at.

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Assignment for the APC-course, MPIDR, May 2016

The purpose of this assignment is to do a proper APC-analysis of the data on mortality in the Czech Republic in the file

<http://BendixCarstensen.com/APC/MPIDR-2016/data/apc-CZ.txt>.

Note that data are classified by age, period and cohort, i.e. corresponding to Lexis triangles. But the mean of the age, period and cohort in these triangles are not given.

It is important that you show that you understand the meaning of the estimated parameters by explaining their meaning and commenting on the results.

The report must additionally to this include:

- Proper overview over the data coding.
- Graphical display of the empirical rates in suitable groups.
- Separate analyses for males and females.
- Analysis of the differences between males and females, particularly if a simple description can be obtained.

The report should not exceed 8 pages⁹, but it should contain graphs of the results as well as the central parts of the R-code used for the analysis. The full documentation of the R-code applied may be attached as an add-on beyond the 8 pages. There is no guarantee that the latter will be looked at.

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Assignment for the APC-course, MPIDR, May 2016

The purpose of this assignment is to do a proper APC-analysis of the data on mortality in Slovakia in the file

<http://BendixCarstensen.com/APC/MPIDR-2016/data/apc-SK.txt>.

Note that data are classified by age, period and cohort, i.e. corresponding to Lexis triangles. But the mean of the age, period and cohort in these triangles are not given.

It is important that you show that you understand the meaning of the estimated parameters by explaining their meaning and commenting on the results.

The report must additionally to this include:

- Proper overview over the data coding.
- Graphical display of the empirical rates in suitable groups.
- Separate analyses for males and females.
- Analysis of the differences between males and females, particularly if a simple description can be obtained.

The report should not exceed 8 pages¹⁰, but it should contain graphs of the results as well as the central parts of the R-code used for the analysis. The full documentation of the R-code applied may be attached as an add-on beyond the 8 pages. There is no guarantee that the latter will be looked at.

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Assignment for the APC-course, MPIDR, May 2016

The purpose of this assignment is to do a proper APC-analysis of the data on mortality in Sweden in the file

<http://BendixCarstensen.com/APC/MPIDR-2016/data/apc-SWE.txt>.

Note that data are classified by age, period and cohort, i.e. corresponding to Lexis triangles. But the mean of the age, period and cohort in these triangles are not given.

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Assignment for the APC-course, MPIDR, May 2016

The purpose of this assignment is to do a proper APC-analysis of the data on mortality in Ukraine in the file

<http://BendixCarstensen.com/APC/MPIDR-2016/data/apc-Ukraine.txt>.

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Assignment for the APC-course, MPIDR, May 2016

The purpose of this assignment is to do a proper APC-analysis of the data on mortality in Australia in the file

<http://BendixCarstensen.com/APC/MPIDR-2016/data/apc-Australia.txt>.

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