ARTICLE TYPE

Bayesian hierarchical mixture cure modelling [†]

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Summary

KEYWORDS:
Bayesian, survival analysis

1 | INTRODUCTION

set the scene more prevalent in HEA plateau in events

BMC to give background

Q. can we do better? i) PFS from OS ii) pooled fraction

Why are MCM important, specifically in health economics? Brief review of existing applications Our innovative proposal — joint model of PFS and OS, which has the double advantage of borrowing information (eg the likely more mature PFS data to inform the highly censored OS) *and* obtaining a pooled cure rate.

2 | MOTIVATING EXAMPLE

long term different cut points

Description of the BMS data How it compares with dataset prevalent in our field/applications

3 | METHODS

implications

Description of "standard" model and the frequentist approach typically used Description of our proposal to model jointly PFS and OS - data model/priors/inference

4 | APPLICATION

Back to BMS data and results, with various scenarios/distributions and all the plots and tables, similar to the ones Nathan has already provided

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[†]This is an example for title footnote.
[0]**Abbreviations:** MCM, mixture cure model; APC, antigen-presenting cells

5 | DISCUSSION

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ACKNOWLEDGMENTS

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Author contributions

This is an author contribution text.

Financial disclosure

None reported.

Conflict of interest

The authors declare no potential conflict of interests.

SUPPORTING INFORMATION

The following supporting information is available as part of the online article:
Figure S1. 500 hPa geopotential anomalies for GC2C calculated against the ERA Interim reanalysis. The period is 1989–2008.

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APPENDIX

A SECTION TITLE OF FIRST APPENDIX

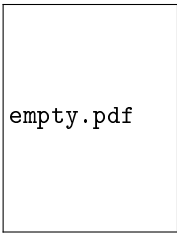with normal text font. Refer below example:

Listing 1: Descriptive Caption Text

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for i:=maxint to 0 do
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References

AUTHOR BIOGRAPHY

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Author Name. This is sample author is sample author biography text.