Reviewer’s report

Title: Meta-Analysis and Meta-Modelling for Diagnostic Problems

Version: 3 Date: 24 March 2014

Reviewer: James Gallagher

Reviewer’s report:

(a) MAJOR COMPULSORY REVISIONS
None.

MINOR ESSENTIAL REVISIONS
(1) Background, paragraph 5, line 3
“solid line” should read “dashed curve”.

Only minor issues not for publication
(1) The proportional hazards measure, paragraph 4, line 1
Remove “with”.

(2) A mixed model approach, paragraph 2, line 1
Replace “in” with “about”.

(3) Case study on MMSE and dementia, paragraph 3, line 7
“The Wald test is asymptotically normal ...” should read “The Wald test statistic is
asymptotically standard normal ...”.

(4) Case study on MMSE and dementia, paragraph 3, line 9
“... likelihood ratio test is ...” should read “... likelihood ratio test statistic is ...”.

(5) Case study on MMSE and dementia, paragraph 4, line 4
“...null distribution is ...” should read “… null distribution of the likelihood ratio test
statistic is ...”.

Level of interest: An article whose findings are important to those with closely
related research interests

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
I declare I have no competing interests.