Received:
27 June 2016

Revised:
28 June 2016

Accepted:
29 June 2016

<http://dx.doi.org/10.1259/bjr.20160563>

Cite this article as:

Strauss A. Radiological predictors of malignant transformation of IPMNs: importance of the predictive model validation: *Author reply. Br J Radiol* 2016; **89**: 20160563.

LETTER TO THE EDITOR

Radiological predictors of malignant transformation of IPMNs: importance of the predictive model validation: *Author reply*

ALBERT STRAUSS, MD

Radiology Department, University Hospital Heidelberg, Heidelberg, Germany

Address correspondence to: Dr Albert Strauss

E-mail: Albert.Strauss@med.uni-heidelberg.de

(The Editors do not hold themselves responsible for opinions expressed by correspondents)

To the Editor,

We have used a multistep multivariate binary logistic regression model which is widely accepted and used for the analysis of clinical predictors in various papers about cancerous lesions (for example Mimura et al¹). Using this classical statistical approach to define a level of significance using *p*-values, yields a common ground for comparisons among different studies.

We greatly appreciate your interest in the topic and agree that a validation of the results obtained would be highly desirable. However, we feel that, in the particular case at hand, the suggested split-sample approach adds little benefit to the traditional analysis of model adequacy. An independent, external validation of the results obtained would, of course, be very welcome and greatly improve the level of evidence.

REFERENCE

1. Mimura T, Masuda A, Matsumoto I, Shiomi H, Yoshida S, Sugimoto M, et al. Predictors of malignant intraductal papillary mucinous neoplasm of the pancreas. *J Clin Gastroenterol* 2010; **44**: e224–9. doi: <http://dx.doi.org/10.1097/MCG.0b013e3181d8fb91>