CORRECTION



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Correction: A comparison of statistical methods for the detection of hepatocellular carcinoma based on serum biomarkers and clinical variables

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Correction

Our original article was published in *BMC Medical Genomics* in the supplement containing selected articles from the IEEE International Conference on Bioinformatics and Biomedicine 2012 (IEEE BIBM 2012) [1]. After publication,



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it was noticed that the ROC curves in Figures 1, 2, 3, 4 displayed Sensitivity vs. Specificity rather than Sensitivity vs. 1-Specificity, as labeled. These figures have been reproduced here in the correct format, displaying Sensitivity vs. 1-Specificity, and should replace the corresponding figures in the original article. However, AUC values remain unaffected by this change.



did not control for age, across all choices of the parameter λ . The age-adjusted final model for $\lambda = 0.1$ showed the best performance in terms of AUC. See Table 1 for detailed results and the text for discussion of these results.



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Figure 3 ROC curves based on multivariable model-based CART analyses (mob) using the stratified male-only subset. Age-adjusted models demonstrated superior performance in terms of AUC. A clear distinction is seen in the ROC curves for age-adjusted models (solid lines) compared to age-unadjusted models (dotted lines). See Table 1 for detailed results and the text for discussion of these results.



Figure 4 ROC curves based on multivariable model-based CART analyses (mob) incorporating gender and/or age. Age-adjusted models demonstrated superior performance in terms of AUC when gender effect is accounted for in each model. A clear distinction is seen in the ROC curves for age-adjusted models (solid lines) compared to age-unadjusted models (dotted lines). Table 1 lists the performance measures for these models. A detailed discussion of the results is provided in the text.

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