

CANCER EPIDEMIOLOGY,
BIOMARKERS & PREVENTION

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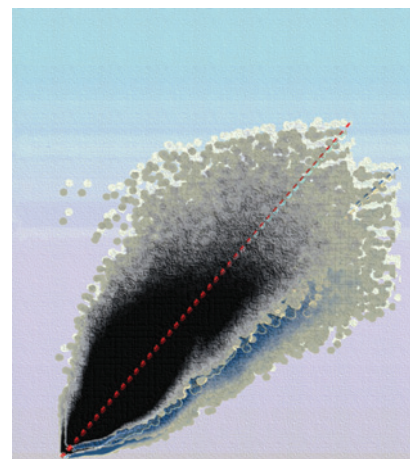
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ABOUT THE COVER

The cover image is adapted from Figure 2 in the article “Risk prediction for renal cell carcinoma: results from the European Prospective Investigation into Cancer and Nutrition (EPIC) prospective cohort study,” by Singleton and colleagues. The figure shows a scatter plot of the predicted probability from the EPIC model against the predicted probability from the Usher-Smith model for each EPIC participant. Early detection of renal cell carcinoma (RCC) has the potential to improve disease outcomes. No screening program for sporadic RCC is in place. Given relatively low incidence, screening would need to focus on people at high risk of clinically meaningful disease so as to limit overdiagnosis and screen-detected false-positives. The authors evaluated the performance of a risk prediction model for RCC and developed a more comprehensive model. Both models perform well in terms of calibration, and the updated EPIC model has slightly improved discrimination. Despite the promising performance of the EPIC RCC risk prediction model, further work is needed to incorporate new, strong predictors into models before risk-stratified screening for sporadic RCC will be feasible. For more information, see the article beginning on page 507.



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