For key multivariable analyses, report estimated effects (e.g., hazard ratio) with tumor marker on a time scale. Provide similar analyses for all other variables being analyzed. For the effect of a marker, first show the relation to standard prognostic variables. Present univariable analyses showing the relation between the marker and outcome, and show the relation of the marker to standard prognostic variables.

Describe the flow of patients through the study, including the number of patients and the number of events. Report the numbers of missing values and other model-building issues, and how model assumptions were verified, and how missing data were handled.

Specify all statistical methods, including details of any variable selection procedures and other model-building issues, and how missing data were handled. Clarify how marker values were handled in the analyses; if relevant, describe methods used for cutpoint determination.

State the marker examined, the study objectives, and any pre-specified hypotheses. State the method of case selection, including whether prospective or retrospective and whether stratification or matching (e.g., by stage of disease or age) was used. Specify the time period from which cases were taken, the end of the follow-up period, and the median follow-up time.

Precisely define all clinical endpoints examined. Give rationale for sample size; if the study was designed to detect a specified effect size, give the target power and effect size.

Specify the assay method used and provide (or reference) a detailed protocol, including specific reagents or kits used, quality control procedures, reproducibility assessments, quantitation methods, and scoring and reporting protocols. Specify whether and how assays were performed blinded to the study endpoint.

Specify the assay method used and provide (or reference) a detailed protocol, including specific reagents or kits used, quality control procedures, reproducibility assessments, quantitation methods, and scoring and reporting protocols. Specify the time period from which cases were taken, the end of the follow-up period, and the median follow-up time.

State all candidate variables initially examined or considered for inclusion in models. Give rationale for sample size; if the study was designed to detect a specified effect size, give the target power and effect size.

Precisely define all clinical endpoints examined. Give rationale for sample size; if the study was designed to detect a specified effect size, give the target power and effect size.

Specify the assay method used and provide (or reference) a detailed protocol, including specific reagents or kits used, quality control procedures, reproducibility assessments, quantitation methods, and scoring and reporting protocols. Specify whether and how assays were performed blinded to the study endpoint.

Specify the assay method used and provide (or reference) a detailed protocol, including specific reagents or kits used, quality control procedures, reproducibility assessments, quantitation methods, and scoring and reporting protocols. Specify the time period from which cases were taken, the end of the follow-up period, and the median follow-up time.

State all candidate variables initially examined or considered for inclusion in models. Give rationale for sample size; if the study was designed to detect a specified effect size, give the target power and effect size.

Specify the assay method used and provide (or reference) a detailed protocol, including specific reagents or kits used, quality control procedures, reproducibility assessments, quantitation methods, and scoring and reporting protocols. Specify whether and how assays were performed blinded to the study endpoint.

Precisely define all clinical endpoints examined. Give rationale for sample size; if the study was designed to detect a specified effect size, give the target power and effect size.

Specify the assay method used and provide (or reference) a detailed protocol, including specific reagents or kits used, quality control procedures, reproducibility assessments, quantitation methods, and scoring and reporting protocols. Specify whether and how assays were performed blinded to the study endpoint.

Precisely define all clinical endpoints examined. Give rationale for sample size; if the study was designed to detect a specified effect size, give the target power and effect size.

Specify the assay method used and provide (or reference) a detailed protocol, including specific reagents or kits used, quality control procedures, reproducibility assessments, quantitation methods, and scoring and reporting protocols. Specify whether and how assays were performed blinded to the study endpoint.

Precisely define all clinical endpoints examined. Give rationale for sample size; if the study was designed to detect a specified effect size, give the target power and effect size.

Specify the assay method used and provide (or reference) a detailed protocol, including specific reagents or kits used, quality control procedures, reproducibility assessments, quantitation methods, and scoring and reporting protocols. Specify whether and how assays were performed blinded to the study endpoint.

Precisely define all clinical endpoints examined. Give rationale for sample size; if the study was designed to detect a specified effect size, give the target power and effect size.

Specify the assay method used and provide (or reference) a detailed protocol, including specific reagents or kits used, quality control procedures, reproducibility assessments, quantitation methods, and scoring and reporting protocols. Specify whether and how assays were performed blinded to the study endpoint.

Precisely define all clinical endpoints examined. Give rationale for sample size; if the study was designed to detect a specified effect size, give the target power and effect size.

Specify the assay method used and provide (or reference) a detailed protocol, including specific reagents or kits used, quality control procedures, reproducibility assessments, quantitation methods, and scoring and reporting protocols. Specify whether and how assays were performed blinded to the study endpoint.

Precisely define all clinical endpoints examined. Give rationale for sample size; if the study was designed to detect a specified effect size, give the target power and effect size.

Specify the assay method used and provide (or reference) a detailed protocol, including specific reagents or kits used, quality control procedures, reproducibility assessments, quantitation methods, and scoring and reporting protocols. Specify whether and how assays were performed blinded to the study endpoint.

Precisely define all clinical endpoints examined. Give rationale for sample size; if the study was designed to detect a specified effect size, give the target power and effect size.

Specify the assay method used and provide (or reference) a detailed protocol, including specific reagents or kits used, quality control procedures, reproducibility assessments, quantitation methods, and scoring and reporting protocols. Specify whether and how assays were performed blinded to the study endpoint.

Precisely define all clinical endpoints examined. Give rationale for sample size; if the study was designed to detect a specified effect size, give the target power and effect size.

Specify the assay method used and provide (or reference) a detailed protocol, including specific reagents or kits used, quality control procedures, reproducibility assessments, quantitation methods, and scoring and reporting protocols. Specify whether and how assays were performed blinded to the study endpoint.

Precisely define all clinical endpoints examined. Give rationale for sample size; if the study was designed to detect a specified effect size, give the target power and effect size.
The REMARK checklist
Sobral-Leite et al.; EGFR SNP BC

<table>
<thead>
<tr>
<th>Confidence intervals for the marker and, at least for the final model, all other variables in the model.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Among reported results, provide estimated effects with confidence intervals from an analysis in which the marker and standard prognostic variables are included, regardless of their statistical significance.</td>
</tr>
<tr>
<td>If done, report results of further investigations, such as checking assumptions, sensitivity analyses, and internal validation.</td>
</tr>
</tbody>
</table>

**DISCUSSION**

| Interpret the results in the context of the pre-specified hypotheses and other relevant studies; include a discussion of limitations of the study. |
| Discuss implications for future research and clinical value. |