**Summary:**

The paper investigates the connection that exists between reproductive factors associated with hormone receptor–positive breast cancer (Hr+BC) and triple-negative breast cancer (TNBC) in Bangladeshi women.  Despite being a significant public health concern for Bangladesh, the paper needs to be thoroughly proofread by a professional or expert. It is not written to a high degree for academic writing, and several grammatical errors frequently make claims and arguments less clear. Numerous times, the way that statistical results are interpreted is also wrong.

Below are some comments with more information:

Please provide the continuous line number and the page number in the next submission.  
  
**Abstract**  
  
Objectives are not clear. Please a single sentence that represents your objectives.

The methods are not clear, and not fully explained. In addition, the methods of the abstract and main body seem different. Please use the same methods.

**Materials and methods**

Please explain dependent and independent variables by using a section.

***Study design and population***

Lines 109-111: “In the study, we recruited 250 women with TNBC, 250 women with Hr+BC, and 500 women who were generally healthy with no known cancer or existing disease.” Please explain the sample selection procedure. As this is a cross-sectional study, explain, how you select a round figure to determine the sample. If you consider all participants from 2019 to 2020, then it will not exactly same figure in all. In addition, it is not a case-control study to fix any sample size.

***Data collection tools and techniques***

Lines 119-120: “All interviewers were registered physicians with experience in oncology and were trained for data collection by the principal investigator (RI).” I think it will be PI.

***Statistical analysis***

Lines 157-159: “The continuous measures are presented as means with standard errors, and the group differences [(Hr+BC vs healthy) and (TNBC vs. healthy)] were determined using independent Student’s t-test.” Most of the time primary data didn’t follow normality, so, authors should check the normality of the data and apply alternative non-parametric test of Students t-test.

Lines 162-164: “Finally, we ran multivariate binary logistic regression to calculate the likelihood of suffering from TNBC or Hr+BC compared to healthy individuals (as a reference category) after adjustment for the potential reproductive factors.” I will suggest using the term “multivariable” instead of “multivariate”.

Lines 164-165: “Collinearity statistics were run to determine possible multicollinearity among the continuous variables before they were included in the final model.” Please explain which cut-point did you follow? And provide a reference.

The authors should explain why they used several statistical software, I think one software is enough to do all that analysis, please explain the main reason. Please present model evaluation analyses like ROC/AIC etc.

**Results**

Lines 174-175: “The mean ±SEM age was 44.96±0.65 years in the Hr+BC group, 42.74±0.65 years in the TNBC group, and 39.31±0.55 years in the healthy group.” I think the term “SEM” was used first time here, please explain the full meaning. In the table, the authors used SEM in the first bracket (), and in the manuscript you used ±. Please follow any one type.

Lines 164-165: “The adjusted model showed that delayed menarche was associated with an increased risk of Hr+BC (odds ratio [OR] 1.71) but decreased risk of TNBC (OR 0.70).” Please follow the correct style to write OR and 95% CI. Authors can use (OR=1.06, 95% CI: 1.02-1.10) or from any other published paper.

Authors should increase their results part. Should add many other background factors to find out the proper association. Only 3-4 independent variables can’t explain/predict the dependent variable.