



SDI Review Form 1.6

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_42945
Title of the Manuscript:	Evaluation of Stiffness in Compression Perpendicular to Grain of Brazilian Tropical Wood Species
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	Please explain more on the values obtaining instead of comparing with literature review's values. If possible, do an experimental testing to prove these values are accurate.	The accuracy of the values found for Ec0 and Ec90 are given as they were obtained according to ABNT NBR 7190 prescribes. Wood is a very heterogeneous material and has its properties varied even within the same species, as the characteristics may vary according to the site, and this was detailed in the Introduction. The use of 12 assays for the determination of each property is that they give greater representativeness to the average values found, and I have better detailed this in the topic of Materials and Methods. I hope I have collaborated. The comparison with the data of the literature shows the range of values that the values found experimentally should be and here in Brazil follows the NBR 7190 that does not present a test method that proves the precision of these results, but establishes the 12 tests so that if it arrives as close to the expected result. I have detailed this in the results and discussion.
Minor REVISION comments	Introduction can be more detailed with the 5 species of wood.	I added in the last paragraph the species of wood I used in the research, their resistance classes, the fact that they are species from Brazilian tropical forests and their great use in the civil construction sector. I hope I have collaborated with a better understanding.
Optional/General comments	Overall, this paper provides new information.	I hope I have understood the suggestions and I am at your disposal.