# Review of: "Heritability and Genetic Correlations of Growth Traits Among Inbred Population of Nigerian Chickens"

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Dear authors

Thank you for your manuscript and thank you, Qeios, for the opportunity to review this draft.

Basically, the manuscript reads well.

However, it lacks of derivation and justification at several points how and why something was done in the way presented in the manuscript. For example: How did you calculate the variance due to sire and the variance due error? Why did you consider the correlations between the traits/time points mentioned in table 3?

Furthermore, I would like to mention the following points:

- General: American English versus British English
- Abstract: abbreviations "BW", "BL", "SL", "CG" not defined and not clear
- Introduction: "[...] US35.547 billion dollars in 2020 in American [...]" → The amount of money is difficult to read. "American" should be "America" or better "US" or "USA".
- Material And Methods

  - Location And Duration of Study

    - "Nsukka is located on latitude 050 22 north and longitude 070 24' east with annual rainfall ranging from 986-2098mm (Asadu 2002)." → The coordinates are difficult to read.
    - "The average diurnal minimum temperature ranges from 22C-24.7C." → For the temperature, "°" is missing.

  - Statistical Analysis

    - "Where $h^2$ is the heritability estimate of a trait; $sigma\_s^2$ is variance due to sire and $sigma\_e^2$ is variance due to error Genetic [...]" → Are these two sentences?

These are the major points which arise for me when reading the manuscript for the first time.


Kind regards from Germany

Andreas Kühnapfel