

Peer Review

# Review of: "Genetic and Environmental Influences on Awassi Lamb Weights with Implications for Breeding and Management in Jordan"

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This study highlights the effect of various factors in lamb growth and the need for an index selection approach integrating genetics and environment for sustainable lamb production in Jordan. The authors have written some parts of the manuscript very well, while some parts are lacking in certain aspects.

## Comments

1. Corrections have been highlighted along with comments in the attached file.
2. The number of animals is different in the abstract and the materials/methods section.
3. The discussion part seems separate from the results section and can be combined for better understanding.
4. In Table 1, the mean weights are greater than all the weights of the particular factor/effect and need explanation.
5. There are a few older references from 2010, 2013, and 2015, while there are many recent studies on the effect of non-genetic factors which may be cited, e.g., "Polymorphism of growth hormone (GH) gene and its association with performance and body conformation of Harnali sheep" (2024).
6. The preprint citation may be checked to see whether it is as per the journal's guidelines.

**Attachments:** available at <https://doi.org/10.32388/SZMV3B>

## **Declarations**

**Potential competing interests:** No potential competing interests to declare.