

Peer Review

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

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Here are some important comments regarding the revision and enhancement of the paper titled "Genetic and Environmental Influences on Awassi Lamb Weights with Implications for Breeding and Management in Jordan." After addressing these, consider the manuscript for publication.

General Comments

Clarity and Flow

Certain sections, especially in the Introduction and Discussion, contain lengthy sentences. It may be helpful to break these into smaller and clearer statements for improved readability.

Ensure there is a logical progression between paragraphs to uphold coherence.

Methodology Details

The section on statistical analysis mentions the use of SAS GLM; however, further explanation is warranted regarding the assumptions of the model and validation procedures.

Provide additional information on heritability estimates, including how they were derived and their biological relevance.

Figures and Tables

In Table 1, be sure to include indicators of statistical significance (p-values) wherever necessary. Give proper detail of the DMRT test.

Figure 1 should be labeled like A, B, and C, and give a detailed description in the figure legends.

Results Interpretation

Although the results are clearly outlined, there should be a more detailed discussion on the practical implications of selecting rams with superior breeding values.

Elaborate on the economic effects of weight variations in Awassi lambs.

Citations and Literature

Some references in the Discussion require further explanation to illustrate how previous studies relate to or contrast with the current results.

Maintain consistency in the formatting of all citations.

Conclusion and Recommendations

Strengthen the conclusion by clearly articulating how future breeding programs should consider both genetic and environmental elements.

Recommend practical management strategies informed by the findings.

Declarations

Potential competing interests: No potential competing interests to declare.