

Peer Review

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

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The study addresses a critical topic for sustainable sheep farming in arid regions, with practical implications for breeding and management. The use of 2,263 records provides a solid foundation for statistical analysis.

However, there are some concerns as follows:

Some typos and incomplete sentences such as "This study highlights birth type, sex, parity, and age of ewe as key factors in lamb growth" on page 1

Model 1 (Page 4) uses $Y_{ijkl}Y_{ijkl}$ in the equation but refers to $Y_{ijk}Y_{ijk}$ in the explanation. Subscripts must align (e.g., update the explanation to $Y_{ijkl}Y_{ijkl}$).

Equation 4 uses h (root of heritability) without defining it.

Table 1: Coefficients of variation (CV) for weaning and 6-month weights are implausibly high (1,970% and 194.4%).

Explain compensatory growth in the discussion

Standardize decimal places.

Declarations

Potential competing interests: No potential competing interests to declare.