

## Melhoramento animal de caprinos da raça Anglo-Nubiana via Modelos Lineares Mistos

Walleff da Silva e Silva <sup>1</sup>

**Abstract:** *The present work sought to analyze the morphometric characteristics of caprinos to make a selection of the animals by estimating the fixed effect parameters using the linear mixed models via RELM and the genetic values through the BLUP. For the analysis, the program R and the package Pedigreemm were used with the help of the package lme4.*

**Keywords:** Mixed Linear Models, RELM, BLUP, Selection.

---

<sup>1</sup>Mestrando do Programa de Pós-Graduação em Estatística e Experimentação Agropecuária (PPGEE) da Universidade Federal de Lavras. e-mail: [walleff100@hotmail.com](mailto:walleff100@hotmail.com)