

Behavioral analysis of ewes submitted to human intervention using GAMLSS

Lineu Alberto Cavazani de Freitas ¹

Cesar Augusto Taconeli ²

José Luiz Padilha da Silva ³

In this work we analyzed the effect of the brushing on the behavior of ewes. The number of tail and ear posture changes was modeled by GAMLSS. The results showed that, during brushing, the animals moved more the tail and less the ears. The residual analysis showed that the models adjusted satisfactorily.

Keywords: *Animal Behaviour, Count Data, GAMLSS.*

¹PET-Est. UFPR. e-mail: *lialcafre@gmail.com*

²DEST - UFPR.

³DEST - UFPR.