

# Analyses Of Lamb Survival Of Scottish Blackface Sheep

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## [Books] Analyses Of Lamb Survival Of Scottish Blackface Sheep

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### [Analyses Of Lamb Survival Of](#)

#### **Genetic analysis of longevity and lamb survival from birth ...**

included into the models of survival analysis (Borg 2007) Lamb survival and ewe longevity would be improved by implementing genetic selection programmes and through improved manage-mentinterventionsInthisregard,understandingthegeneticpar-ameters of longevity and lamb survival is necessary to evaluate

#### **ANALYSIS OF LAMB SURVIVAL IN AUSTRALIAN MERINO**

ANALYSIS OF LAMB SURVIVAL IN AUSTRALIAN MERINO E Safari, KD Atkins, NM Fogarty and AR Gilmour NSW Department of Primary Industries, the Australian Sheep Industry CRC, Orange Agricultural Institute, Forset Road, Orange NSW 2800, Australia SUMMARY Lamb survival from a Merino flock (13,163 records) and a crossbred flock (15,569 records) were

#### **Survival analysis of lamb mortality in a terminal sire ...**

Survival analysis of lamb mortality 2299 analysis and have been recently reviewed from an ani-mal breeding perspective by Ducrocq (1999), Kachman (1999), and Vukasinovic (1999) Frailty models have been applied to study the length of productive life or longevity ...

#### **Analysis of Lamb Survival in Indigenous Sheep and their ...**

be employed to improve lamb survival in a way of giving special consideration for the unfavourable non-genetic causes of risk Keywords: Crossbred, Ethiopia, lamb survival, proportional hazard, survival analysis Contact Address: Tesfaye Getachew, University of Natural Resources and Life Sciences (BOKU), Dept of Sustaina-

#### **Chapter 4 Evaluation of lamb survival using survival ...**

424 Genetic analysis Genetic variation in lamb survival to weaning was not detected from the survival analyses models and multiple-trait evaluations were not possible in the survival analysis approach Therefore, a linear animal model was used to analyze lamb BWT and survival for both the EC and

ED groups For genetic evaluation, lamb

### **Investigating associations between lamb survival to ...**

level The outcome variable was lamb survival to weaning (yes or no), which was measured at the lamb-level and was also the unit of analysis Results from each scoring time were analysed separately, with pre-mating and pre-lambing scores considered as predictive, and docking and weaning scores considered as explanatory of lamb survival to weaning

### **Lamb survival analysis from birth to weaning in Iranian ...**

lamb survival Traits included were lamb survival across five periods from birth to 7, 14, 56, 70, and 90 days of age Traits were analyzed under Weibull proportional hazard sire models Several

### **Genetic analysis of maternal behavior and its effect on ...**

Improvement of lamb survival rates is an important topic for production and welfare in the sheep industry Maternal behavior affects lamb survival and vigor during the neonatal period A measurement used in the literature for maternal behavior is MBS, which measures the distance between ewe and lamb during handling of the lamb MBS displays low

### **The roles of attitudes, social influence and human ...**

applicability to the adoption of lamb survival strategies, in particular the use of pregnancy scanning Structural equation modelling was used in the data analysis to quantify the ability of the behavioural models to explain variation in farmers' intentions to adopt lamb survival strategies, and latent class regression was used to identify

### **Sheep Health and Welfare Report for Great Britain**

survival rate in 2011 (helped by favourable weather conditions) the surviving lamb percentage fell slightly in 2012 and again in 2014 (4) Anecdotally, the range in lamb survival rate varies enormously by breed, season and system from about 80 to 200% In 2015, around 14 million sheep were slaughtered in the UK, with 89% being lambs (see Figure

### **Analyses of lamb survival of Scottish Blackface sheep**

Analyses of lamb survival of Scottish Blackface sheep R M Sawalha<sup>1†</sup>, J Conington<sup>1</sup>, S Brotherstone<sup>1,2</sup> and B Villanueva<sup>1</sup> <sup>1</sup>Scottish Agricultural College, West ...

### **Genetic parameters of lamb survival for Dorset, Lleyn and ...**

Genetic parameters of lamb survival for Dorset, Lleyn and Texel sheep A McLaren, S Mucha, K Kaseja, K Moore, S Boon & J Conington 67th Annual Meeting of the European Federation of Animal Science

### **Discrete time survival analysis of lamb mortality in a ...**

Discrete time survival analysis of lamb mortality in a terminal sire composite population<sup>1</sup> B R Southey<sup>\*2</sup>, S L Rodriguez-Zas<sup>\*</sup>, and K A Leymaster<sup>†</sup> <sup>\*</sup>Department of Animal Sciences, University of Illinois, Urbana 61801 and

### **Productivity and Health of Indigenous Sheep Breeds and ...**

Estimates of genetic parameters on lamb survival from the mixed Linear Model and Survival Analysis were compared For the mixed Linear Model, survival defined as a binary trait measured at different pre-determined time, and for the Survival Analysis, survival

### **The relationship between sheep management and lamb mortality**

Moreover, the lamb survivability was increased by the parity of ewes From this study it can be concluded that the lamb mortality depends on ewes'

body condition score, parity, lambing system (indoor or outdoor), nutrition during pregnancy period and selected breed In addition, the most important period for lamb survival is the first week of age

#### **Competing risks analysis of lamb mortality in a terminal ...**

survival associated with different removal reasons Therefore, the cause of mortality must be included when modeling mortality Competing risks analysis is an approach to account for cause of mortality when modeling mortality A competing risk analysis considers that the competition among the different causes of mortality results in the

#### **Derivation of a new lamb survival trait for implementation ...**

n SIL lamb survival to weaning is a binary DEAD (0) / ALIVE (1) trait and assumes lambs are alive at weaning unless told otherwise by the breeder or a lamb birth fate code (BFATE) describing the time and cause of lamb death Current SIL survival trait n According to current SIL rules, if survival for a flock and a birth year is less than 55% or greater than or equal 93% then data for this

#### **Husbandry procedures at the point of lambing with ...**

13/01/2018 · perinatal lamb mortality were rejected from the analyses of relationships between mortality and 14 positive husbandry procedures for lamb survival, but all were retained for other analyses and presentation of quantitative data The response rate for the questionnaire was 16 per cent of all BVM&S students, being strongly biased towards

#### **The survival analysis of the potential risk factors ...**

and death registers for the period of January 2005 to December 2015 The survival analysis of lamb mortality using Cox proportional hazard model was undertaken to determine the potential risk factors affecting lamb mortality in the study All statistical analyses were done using R 310 Software The overall lamb mortality for birth to

#### **Lamb survival in sheep breeds on New Zealand hill country**

born, lamb born but not weaned, lamb born and weaned) Sources of variation in the analysis of individual birth weights were year born, breed, age of dam, sex, and birth rank These effects were fitted by least-squares procedures RESULTS Lamb survival and birth weight The maximum likelihood estimates  $p \times 100$ , for lamb survival presented in