Proposal of a new nonlinear model to describe growth curves of Ile de France sheep

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Abstract: The objective was to propose a new model, to compare it with the following classical nonlinear models, Logistic and Von Bertalanffy, and to select the most appropriate model to fit the growth curves in lamb data throughout the days. The results show that the new model is competitive.

Keywords: Animal production; Selection of Models; Growth rate.

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