

Bayesian adjustment of the logistic model for escargots growth analysis (*Conu aspersum maximum*)

Felipe Freitas¹, Matheus Lourenço², Flávia Silva³, Thamires Leoncio⁴, Leila Gaya⁵, Carla Brighenti⁶

Abstract: The increase of the consumer market by escargots and the expansion of its creation becomes necessary to occur specific studies. However, there is little data in the literature about them. Thus, it is necessary to model the growth of escargots by executing a Bayesian model fit of Verhulst.

Keywords: Gros Gris; heliciculture; Verhulst model; sigmoid curve.

¹ Universidade Federal de São João del-Rei. email: felipeandre18@live.com.

² Universidade Federal de São João del-Rei. email: matheus_salvianoifet@hotmail.com.

³ Universidade Federal de São João del-Rei. email: flaviazootecc@gmail.com.

⁴ Universidade Federal de São João del-Rei. email: thataleol@hotmail.com.

⁵ Universidade Federal de São João del-Rei. email: genova@ufsj.edu.br.

⁶ Universidade Federal de São João del-Rei. email: carlabrighenti@ufsj.edu.br.