$64^{\rm a}$ R<br/>Bras e  $18^{\rm 0}$  SEAGRO  $\,29$  de julho à 02 de agosto de 2019, Cui<br/>abá - MT  $\,1$ 

Imputation of missing data and nonparametric analysis of biochemical and hematologial profiles in snakes of the species *Crotalus Durissus Terrificus* 

Selene Maria Coelho Loibel $^1,$ Sabrina Gonçalves Cardoso $^2,$ Rafael Amorim de Castro $^3,$ Kathleen Fernandes Grego $^4$ 

**Abstract:** There are difficulties regarding the early diagnosis of infectious diseases in snakes. To contribute with researchers of Butantan Institute, was done a comparison of the hematological and biochemical profile of *Crotalus durissus terrificus* using nonparametric methods. Before the analysis, the missing data were imputed.

Keywords: Snakes; parasitic disease; imputation; profile analysis.

 $<sup>^{1}\</sup>mathrm{DEMAC},\,\mathrm{UNESP},\,\mathrm{Rio}$ Claro. e-mail:smc.loibel@unesp.br

 $<sup>^2{\</sup>mbox{Depto}}$  de Matemática, UNESP, Rio Claro.

<sup>&</sup>lt;sup>3</sup>Instituto Butantan, São Paulo.

<sup>&</sup>lt;sup>4</sup>Instituto Butantan, São Paulo.