**Spatial modelling and estimation of mammals’ mortalities by Pantanal 2020 megafires**

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**AUTHOR CONTRIBUTIONS**

This study was only possible due to the effort and dedication of the people of this great team who forwent their safety during the COVID-19 pandemic at that moment of urgency for the Pantanal. Ismael V. Brack, José L.P. Cordeiro, Andreas Kindel, Gabriela Schuck de Oliveira, Danielle Crawshaw, and Luiz Flamarion B. de Oliveira conceived the ideas and designed the methodology. Ismael V. Brack, José L.P. Cordeiro, Ingridi C. Franceschi, Marcione B. de Oliveira, Thais F. Conceição, Isabel S. Lermen, Gabriela Schuck de Oliveira, Pedro A. Thomas, Douglas O. Berto, Rafaella A. Amorim de Oliveira, Barbara Z. Rangel, Guilherme S. Gonçalves, Dener Heiermann, and Danielle Crawshaw collected the data. Ismael V. Brack, José L.P. Cordeiro, Ingridi C. Franceschi, Marcione B. de Oliveira, Thais F. Conceição, Gabriela Schuck de Oliveira, Fernando L. Sicuro, Luiz Flamarion B. de Oliveira, Douglas O. Berto, Guilherme S. Gonçalves, and Danielle Crawshaw managed the data. Ismael V. Brack, José L.P. Cordeiro, Ingridi C. Franceschi, and Luiz Flamarion B. de Oliveira conducted the analyses. Ismael V. Brack led the writing and all authors contributed to the manuscript and approved its final version.

**DATA AVAILABILITY STATEMENT**

Collected data and code to analyze it is available at the github repository. Upon acceptance, the data and code will be permanently available at Figshare.

**CONFLICT OF INTEREST**

The authors declare that they have no conflict of interest or personal relationships that could have influenced this work.