**Estimating abundance of aggregated populations with drones while accounting for multiple sources of errors: a case study on the mass nesting of Giant South American River Turtles**

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**Author Contribution**

Camila Ferrara and German Forero-Medina conceived the original idea. Camila Ferrara, German Forero-Medina, Omar Torrico and Enrique Domic designed and collected the data. Enrique Domic, Camila Ferrara, and Ismael Brack processed the data. Ismael Brack and Denis Valle developed the modelling approach and led the writing of the manuscript. All authors contributed to the manuscript and approved its final version.

**Data Availability Statement**

Data and code are available at the GitHub repository xxx. 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.