

# **DRAFT Data in Animal Welfare**

Jill R D MacKay

2025-05-11

# Table of contents

<b>Preface</b>	<b>3</b>
Ideas . . . . .	3
<b>1 Introduction to Data in Animal Welfare</b>	<b>4</b>
<b>2 Data Types</b>	<b>5</b>
<b>3 Visualising data</b>	<b>6</b>
<b>4 Summary</b>	<b>7</b>
<b>About</b>	<b>8</b>
Authors . . . . .	8
CREDIT Statement . . . . .	8
Licenses . . . . .	8
Code . . . . .	8
<b>References</b>	<b>9</b>

# **Preface**

This is a free book on data in animal welfare

## **Ideas**

Louise: Chapter on ethics?

Cynthia: The Excel resources: <https://vet.ed.ac.uk/global-agriculture-food-systems/study/farm-data/excel-tutorials>

# **1 Introduction to Data in Animal Welfare**

This is an open resource to support people to use data in animal welfare

Five domains (Mellor et al. 2020)

## **2 Data Types**

NOIR data

Collecting data from animals

## **3 Visualising data**

Good visualisations are important

## **4 Summary**

In summary, this book has no content whatsoever.

# About

This book was collaboratively written at the Royal (Dick) School of Veterinary Sciences

## Authors

**Jill R D MacKay** Jill is a Senior Lecturer in Veterinary Science Education at the R(D)SVS

**Louise Connelly** Louise is a Senior Lecturer

**Cynthia Naydani**

## CREDIT Statement

### CREDIT

**JRDM:** Conceptualisation, Software, Supervision, Visualisation, Project Administration, Writing (Original Draft), Writing (Review & Editing)

## Licenses

This work is created under an Attribution-ShareAlike 4.0 International Creative Commons License.



CC By-SA 4.0

## Code

You can find the code used to create this book here: <https://github.com/jillymackay/DatainAnimalWelfare>

Please feel free to use this code to create your own work, or to add any suggestions with a pull request.

## References

- Mellor, David J., Ngaio J. Beausoleil, Katherine E. Littlewood, Andrew N. McLean, Paul D. McGreevy, Bidda Jones, and Cristina Wilkins. 2020. “The 2020 five domains model: Including human–animal interactions in assessments of animal welfare.” *Animals* 10 (10): 1–24. <https://doi.org/10.3390/ani10101870>.