# Manuscript Title

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## Abstract

## Background & Summary

We scanned a *lot* of different mouse strains and so-called hybrids, both male and female. One scan for each strain, each hybrid and each sex gives already 90 samples.

# Methods

## Sample preparation

- Mice were anesthesized
- Mice were decapitated
- Mouse skulls were stored in …

## Tomographic imaging

- SkyScan 1272 with sample changer
- *All* log files available here: https://github.unibe.ch/david-haberthuer/InMice/tree/main/logfiles
- Report scaning settings and reconstruction parameter data according to[1]

## Image processing

- *Jupyter*[2] notebooks, available here: https://github.unibe.ch/david-haberthuer/InMice/, for reproducible research.

# Data Records

# Technical Validation

# Usage Notes

# Code Availability

- [Jupyter notebooks](#)

# References

1.  Stock, S. R. & De Carlo, F. Meta-data for absorption tomography measurements. *Tomography of Materials and Structures* **3**, 100015 (2023).

2.  Kluyver, T. *et al.* Jupyter Notebooks – a publishing format for reproducible computational workflows. in (eds. Loizides, F. & Scmidt, B.) 87–90 (IOS Press, 2016). doi:10.3233/978-1-61499-649-1-87.

3.  ANSI/NISO Z39.104-2022, CRediT, Contributor Roles Taxonomy. doi:10.3789/ansi.niso.z39.104-2022.

4.  Himmelstein, D. S. *et al.* Open collaborative writing with Manubot. *PLoS Comput Biol* **15**, e1007128 (2019).

# Author Contributions

[Contributor Roles Taxonomy (CRediT)](#), as defined in[3]:

- [Data curation](#): David Haberthür, Larisa Petra Kaija
- [Formal analysis](#): David Haberthür
- [Investigation](#): David Haberthür, Pui Ching Chu, Larisa Petra Kaija
- [Methodology](#): David Haberthür, Pui Ching Chu, Larisa Petra Kaija
- [Project administration](#): David Haberthür, Pui Ching Chu
- [Resources](#): Pui Ching Chu
- [Software](#): David Haberthür
- [Validation](#): David Haberthür, Pui Ching Chu, Larisa Petra Kaija
- [Visualization](#): David Haberthür
- [Writing – original draft](#): David Haberthür
- [Writing – review & editing](#): David Haberthür, Pui Ching Chu, Larisa Petra Kaija

## Competing Interests

| Author | Competing Interests | Last Reviewed |
|---|---|---|
| David Haberthür | None | 2025-06-27 |
| Pui Ching Chu | None | 2025-06-27 |
| Larisa Petra Kaija | None | |

## Acknowledgements