

# Sharing human data and code associated with a publication on Cranfield Online Research Data (CORD)

A case study of Yifan Zhao

Yifan has been using CORD<sup>1</sup> — Cranfield Online Research Data — since early 1 2017 to store and share research data associated with his publications. The code and data for his paper<sup>2</sup> on a dementia classification framework using EEG (electroencephalogram) signals have been stored on CORD and are one of the most-viewed items on Cranfield’s research data platform<sup>3</sup>.

During the review stage of his paper publication, Yifan was asked to share the data and code publicly. Because the data Yifan was asked to share is human data, and therefore highly sensitive, it had to be anonymised. He made the data available on CORD before the article was published and believes that the significant interest that the paper received was due to the data and code being openly available for analysis and reuse.

“This kind of data can be difficult to obtain, so I have no reservations about sharing the code and data,” said Yifan. “Research students have also found this useful as it saves time reproducing the research.”

To see more of Yifan’s research, check out his profile page on CORD<sup>4</sup>.

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Dr. Yifan Zhao is a senior lecturer in Data Science in the Through-life Engineering Services Institute at Cranfield University.

## References:

1. <https://cord.cranfield.ac.uk/>
2. <https://ieeexplore.ieee.org/document/8681406>
3. <https://doi.org/10.17862/cranfield.rd.7673702>
4. [https://cord.cranfield.ac.uk/authors/Yifan\\_Zhao/2597710](https://cord.cranfield.ac.uk/authors/Yifan_Zhao/2597710)

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