

# Cover letter: Submission for Connectomics collection of Scientific Reports

Matt Ryan, School of Computer and Mathematical Sciences, The University of Adelaide.

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Dear guest editors for the **Connectomics** collection Associate Professor Arantza Barrios, Associate Professor Mukesh Dhamala, and Professor Ryuta Mizutani.

Please find our attached paper *Capturing functional connectomics using Riemannian partial least squares* that presents a new methodology for analysing functional connectomics using functional magnetic resonance imaging. This work provides a new general framework that has potential to be applied to multimodal imaging studies to further understand the human connectome. As such, we believe this work will fit well in the **Connectomics** collection of *Scientific Reports*.

The contents of this paper were developed in the corresponding authors PhD and are being presented in a talk format at MODSIM2023 in July, 2023. A pre-print version of this paper has been upload to the ArXiv and will be available from July 3, 2023.

Two appropriate reviewers for this work may be:

1. Associate Professor Tom Fletcher, University of Virginia, email: *ptf8v@virginia.edu*
2. Professor Stefan Sommer, University of Copenhagen, email: *sommer@di.ku.dk*

We have had brief contact with Associate Professor Dhamala about whether investigating functional connectomics would be appropriate for this collection.

Kind regards,

Matt Ryan (corresponding author)

School of Computer and Mathematical Sciences, The University of Adelaide

Adelaide, South Australia, Australia, 5005

Email: *matthew.ryan@adelaide.edu.au*