

BraDiPho Dataset

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Dataset description

BraDiPho (Brain Dissection Photogrammetry) is a multimodal dataset comprising 12 three-dimensional photogrammetric models of post-mortem human brain specimens. The dataset also includes annotations derived from multiple cortical atlases and several collections of tractography bundles registered to the common radiological space of the post-mortem specimens.

Dataset access

The BraDiPho dataset and its accompanying documentation are distributed online at:

<https://bradipho.eu>

Users should refer to this website for the available dataset releases, associated metadata, documentation, and any component-specific conditions.

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Laura Vavassori, François Rheault, Erica Nocerino, Luciano Annicchiarico, Francesco Corsini, Luca Zigiotta, Alessandro De Benedictis, Mattia Barbareschi, Umberto Rozzanigo, Paolo Avesani, Silvio Sarubbo, Laurent Petit (2025). “Brain dissection photogrammetry: a tool for studying human white matter connections integrating ex-vivo and in-vivo multimodal datasets.” *Nature Communications*. <https://doi.org/10.1038/s41467-025-64788-y>

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