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Structural Graph-Based Morphometry: a multiscale searchlight framework based on sulcal pits

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**Highlights**

- We present Structural Graph-Based Morphometry (SGBM) to characterize patient groups
- SGBM is the first fully automatic brain morphometry method based on sulcal pits
- It uses a graph kernel as a new similarity measure between pit-graphs
- A classification-based searchlight scheme localizes the differences between groups
- A multi-scale inference strategy allows to detect effects of different sizes

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