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White Matter Pathways and Social Cognition

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Highlights

- First paper to highlight the importance of white matter on social cognition
- Systematic review of existing white matter research in social neuroscience
- The connectivity profiles of face, mirroring, and mentalizing networks are elucidated
- The field is bottlenecked by limited sample size, poor data quality, and simplistic methods

Abstract

There is a growing consensus that social cognition and behavior emerge from interactions across distributed regions of the "social brain". Researchers have traditionally focused their attention on functional response properties of these gray matter networks and neglected the vital role of white matter connections in establishing such networks and their functions. In this article, we conduct a comprehensive

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