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Title: Geometric classification of brain network dynamics via conic derivative discriminants

Author: Matthew F. Singh Todd S. Braver ShiNung Ching

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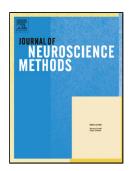
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Highlights for "Geometric classification of brain network dynamics via conic derivative discriminants"

- A new classifier decodes task states using the time evolution of neural data
- Information about time evolution is extracted from the derivatives of signals
- The classifier compares derivative covariance to decode cognitive states
- The classifier outperforms current methods in decoding spatial attention from EEG
- The method reveals retinotopy and new temporal markers of spatial attention

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