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From aging to early-stage Alzheimer's: uncovering handwriting multimodal behaviors by semi-supervised learning and sequential representation learning

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Highlight

- We propose a paradigm unveiling handwriting changes due to aging and Alzheimer's.
- Our new semi-supervised learning and sequential representation learning are key.
- Semi-supervised learning brings to light handwriting multimodal behavioral trends.
- Our sequential representation learning uncovers temporal feature representations.
- Classification based on temporal representations outperforms the state of the art.

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