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Gender-specific associations of depression and anxiety symptoms with mental rotation

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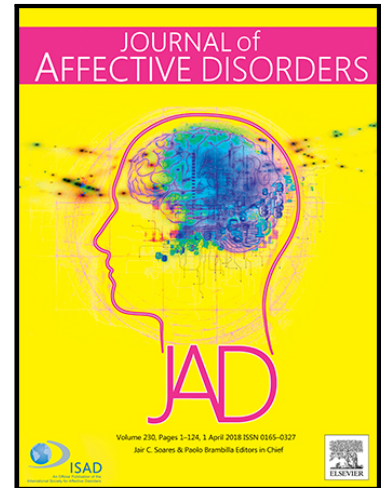
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Highlights

- Men had a significantly higher correct answer rate for the mental rotation task, but no gender difference in response time was found.
- There was no difference in terms of depressive and anxiety symptom intensity in men and women.
- Task response time correlated positively with intensity of depressive symptoms and anxiety in women, but not in men.
- Depressive symptom level did not influence response times in men, only women, and depressive symptom induced the delays in response time of mental rotation task in only women.

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