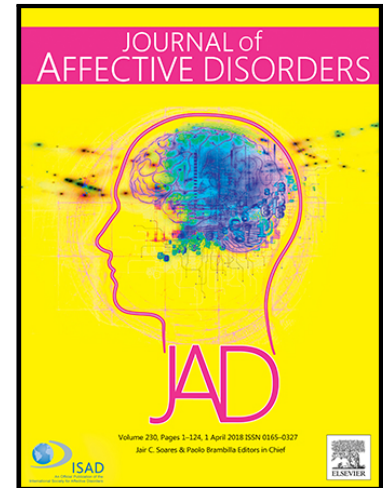


## Accepted Manuscript

Cortical biometals: Changed levels in suicide and with mood disorders

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## Highlights

Compares to controls:

- Omnibus variations in levels of cortical cobalt in the cortex of patients with mood disorders.
- In major depressive disorders: Lower levels of strontium and ruthenium in Brodmann's area (BA) 6; lower levels of strontium and cadmium in BA 10 and lower levels of ruthenium in BA 17.
- In bipolar disorders: Lower levels of strontium in BA 10.

In suicide completers compared to death by other causes:

- Lower levels of 13 biometals and higher levels of calcium in BA 6; lower levels of strontium and molybdenum in BA 10; lower levels of strontium, molybdenum and ruthenium in BA 17.

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