Reviewer’s report

Title: Depression differed by midnight cortisol secretion, alexithymia and anxiety between diabetes types: a cross sectional comparison

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Reviewer: Paolo Camera

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* Atypical depression versus melancholia in diabetes in a cross sectional comparison - depression differs between diabetes types by midnight cortisol secretion, alexithymia and anxiety

➡ Depression differs by midnight cortisol secretion, alexithymia and anxiety between diabetes types: a cross sectional comparison

* Running head: Depression, diabetes and midnight cortisol

➡ Running head title: Atypical depression, melancholia, diabetes and midnight cortisol

* Keywords: alexithymia, anxiety, atypical depression, cortisol, diabetes mellitus, melancholia, obesity.

➡ Keywords: alexithymia, anxiety, depression, cortisol, diabetes mellitus

* Persons with type 2 diabetes (T2D) or type1 diabetes (T1D) have an increased prevalence of depression [1,2], higher in T2D than in T1D [3].

➡ Add an average prevalence percentage of depression in T2D and T1D

* Melancholia and atypical depression are two subtypes of depression [7].

➡ Add definitions of the two subtypes on DSM/ICD
* Even mild increase in cortisol secretion in a non-diabetic population without clinical signs of overt hypercortisolism, is associated with an increased risk of cardiovascular events and mortality [14].

* One hospital diabetes outpatient clinic in southern Sweden

* Data were collected from the Swedish National Diabetes Register and from computerized medical records.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
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Yes

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If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics
**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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