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# Corrigendum: Assessment of Alzheimer's Disease Based on Texture Analysis of the Entorhinal Cortex

## OPEN ACCESS

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<sup>†</sup>A portion of data used in preparation of this article were obtained from the Alzheimer's Disease Neuroimaging Initiative (ADNI) database (adni.loni.usc.edu). As such, the investigators within the ADNI contributed to the design and implementation of ADNI and/or provided data but did not participate in analysis or writing of this report. A complete listing of ADNI investigators can be found at:

[http://adni.loni.usc.edu/wp-content/uploads/how\\_to\\_apply/ADNI\\_Acknowledgement\\_List.pdf](http://adni.loni.usc.edu/wp-content/uploads/how_to_apply/ADNI_Acknowledgement_List.pdf)

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**Keywords:** Alzheimer's disease, mild cognitive impairment, entorhinal cortex, magnetic resonance imaging, texture

## A Corrigendum on

**Assessment of Alzheimer's Disease Based on Texture Analysis of the Entorhinal Cortex** by Leandrou, S., Lamnisos, D., Mamais, I., Kyriacou, P. A., and Pattichis, C. S. (2020). *Front. Aging Neurosci.* 12:176. doi: 10.3389/fnagi.2020.00176

In the original article, there was a mistake in **Table 6** as published. The first column title was "NC vs. MCI" and it should be "MCI vs. MCIC." The corrected **Table 6** appears below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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**TABLE 6** | Entorhinal cortex texture and volume in classifying MCI vs. MCIC.

MCI vs. MCIC	ROC analysis AUC	95% CI	P-value
<b>Entorhinal cortex</b>			
<b>Texture features</b>			
ASM	0.565	0.494–0.637	0.85
Contrast	0.583	0.510–0.657	0.028
Corelation	0.580	0.505–0.654	0.038
Variance	0.531	0.458–0.604	0.037
Sum average	0.591	0.520–0.662	0.036
Sum variance	0.527	0.451–0.603	0.475
Entropy	0.593	0.522–0.662	0.014
Cluster shade	0.696	0.632–0.759	0.032
<b>Volume and thickness</b>			
Erc. volume	0.642	0.573–0.711	<0.001
Erc. thickness	0.670	0.603–0.737	<0.001
<b>Features combination</b>			
Texture (ASM, correlation, variance, sum average, and cluster shade)	0.730	0.665–0.795	<0.001
Texture & Erc. volume	0.756	0.692–0.820	<0.001
<b>Hippocampus</b>			
Hippocampal volume	0.685	0.617–0.753	<0.001

MCIC, mild cognitive impairment converter; ROC, receiver operating characteristic; AUC, area under curve; CI, confidence interval; ASM, angular second moment; Erc, entorhinal cortex.