

Erratum

Directional weighted spatial fuzzy C-means for segmentation of brain MRI images

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The authors identified errors in this recently published paper [1] and would like to make following two changes.

1. Original title of this paper does not accurately reflect this work. A new title should be “A spatial fuzzy C-means algorithm for segmentation of brain MRI images.”

2. There are errors in the reported segmentation accuracy data of the proposed framework with brain in Table 2. The corrected Table 2 is shown in the following.

Table 2

Results comparison with existing methods over 51 simulated T1-weighted images using Segmentation Accuracy (SA) measure

S. No	Methods	Avg. Accuracy of Tissues Segmentation %			Average (SA)
		GM	WM	CSF	Complete
1	sFCM [24]	87.20	89%	83.10%	86.43%
2	FGFCM [25]	78.30	89.40	77.90	81.87%
3	ASIFC [26]	88.50	92.60	85.60	88.90%
4	csFCM [27]	89.00	94.70	88.40	90.70%
5	Proposed framework with brain	95.21	95.12	92.15	92.14%

Reference

[1] S.U. Khan, I. Ullah, I. Ahmed, A. Imran and N. Ullah, Directional weighted spatial fuzzy C-means for segmentation of brain MRI images, *J Xray Sci Technol* **27** (2019), 1087–1099.

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