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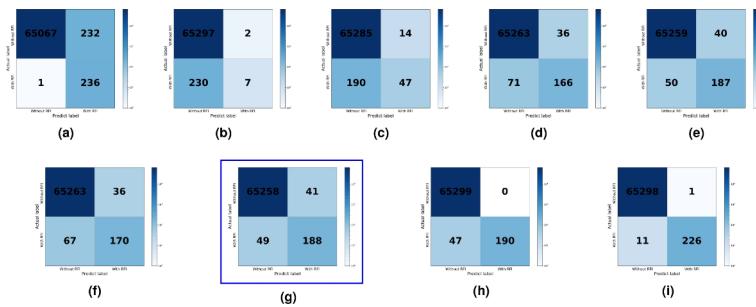
# Author Correction: Lightweight deep neural network for radio frequency interference detection and segmentation in synthetic aperture radar

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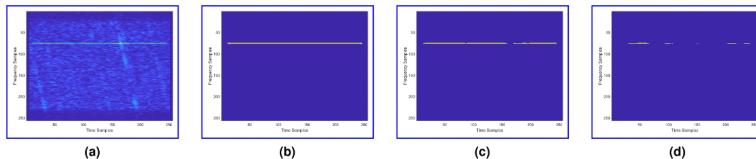
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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-024-71775-8>, published online 05 September 2024

In the original version of this Article, Figures 5 and 8 contained editing marks that were not removed before publication. The original Figures 5 and 8 as well as their accompanying legends appear below.



**Fig. 5.** Confusion matrix of different algorithms. SIR =  $-6$  dB. (a) CFAR, MFAP set to  $10^{-6}$ . (b) FCN. (c) LR-ASPP. (d) MobileNetV2. (e) ResNet-101. (f) Xception. (g) JSLCNN. (h) AC-UNet. (i) LDNet.



**Fig. 8.** Results of RFI detection for out-of-dataset SIR. (a) Time-frequency spectrogram with SIR = 5 dB. (b) Detection results with SIR = 0 dB. (c) Detection results with SIR = 5 dB. (d) Detection results with SIR = 10 dB.

In addition, in Table 3, the “Comparison of MIoU (%)” for “LDNet” was incorrectly given as “–”. The incorrect and correct values appear below.

Incorrect:

Algorithm	MIoU	Comparison of MIoU (%)	$FNR \times 10^{-4}$	$FPR \times 10^{-4}$
LDNet	0.9722	–	1.61	0.33

Correct:

Algorithm	MIoU	Comparison of MIoU (%)	$FNR \times 10^{-4}$	$FPR \times 10^{-4}$
LDNet	0.9722	-----	1.61	0.33

The original Article has been corrected.

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