



Correction: Improved TSDF-based map merging with Kalman filter and covariance intersection

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Correction to:

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In the original publication, funding note was incomplete. The correct funding should have appeared as shown below.

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In this article the wrong figure appeared in Fig. 8; the figure should have appeared as shown below.

The original article can be found online at <https://doi.org/10.1007/s11370-025-00586-1>.

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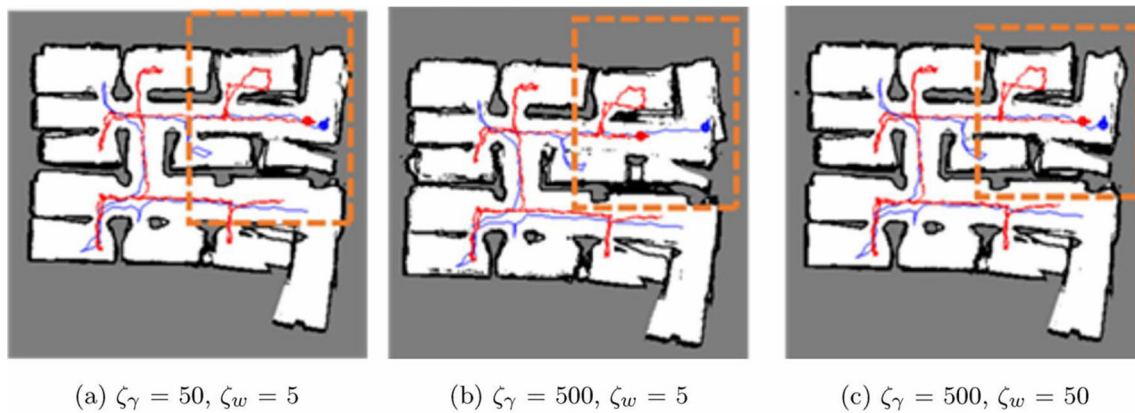
Incorrect version:

Fig. 8 Comparison of map building accuracy as a function of ζ_q , ζ_γ , and σ_w . Different parameter settings yield varying levels of accuracy, as shown in cases (a–c)

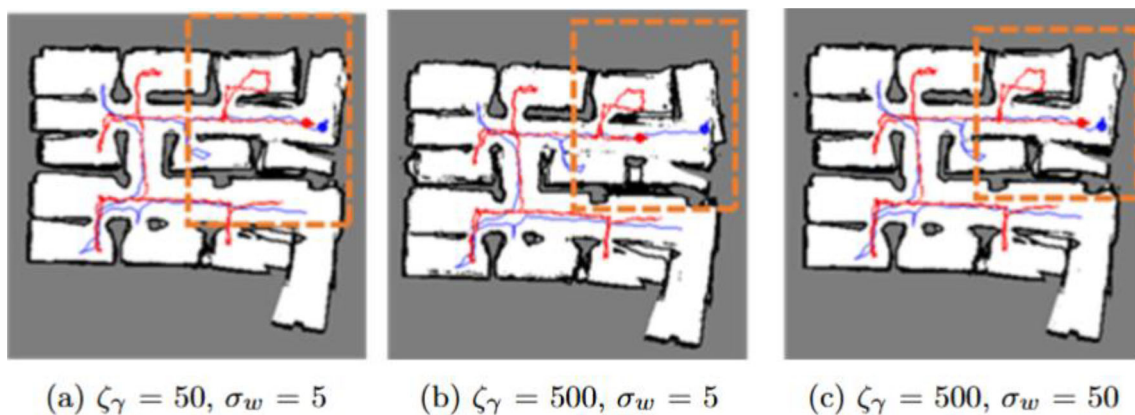
Correct figure:

Fig. 8 Comparison of map building accuracy as a function of ζ_q , ζ_γ , and σ_w . Here, ζ_q and ζ_γ are scaling parameters, with ζ_γ set notably higher (approximately 100 times greater) than ζ_q . Different parameter settings yield varying levels of accuracy, as shown in cases (a–c)

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