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Effect of object identification algorithms on feature based verification scores

Michael Weniger and Petra Friederichs Bonn, Germany (mweniger@uni-bonn.de)

Many modern spatial verification techniques rely on feature identification algorithms. We study the importance of the choice of algorithm and its parameters for the resulting scores. SAL is used as an example to show that these choices have a statistically significant impact on the distributions of object dependent scores. Non-continuous operators used for feature identification are identified as the underlying reason for the observed stability issues, with implications for many feature based verification techniques.