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Sommario/riassunto	To evaluate the performance of fingerprint-image matching algorithms on large datasets, a receiver operating characteristic (ROC) curve is applied. From the operational perspective, the true accept rate (TAR) of the genuine scores at a specified false accept rate (FAR) of the impostor scores is usually employed. And the equal error rate (EER) can also be used. The accuracies of the measurement TAR and EER in terms of standard errors and 95 % confidence intervals can be computed using the nonparametric two-sample bootstrap based on our studies of bootstrap variability on large fingerprint datasets. In this article, the hypothesis testing is performed to determine whether the difference between the performance of one algorithm and a hypothesized value, or the difference between the performances of two algorithms where the correlation is taken into account is statistically significant. In the case that the alternative hypothesis is accepted, the sign of the

difference is employed to determine which is better than the other. Examples are provided.