

Unfolding in the context of a heavy ion analysis (20+20)

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In this study, the process of unfolding is studied in the context of a heavy ion photon-tagged jet analysis. The SVD and D'Agostini unfolding algorithms are compared, and an application of using the MSE to choose the regularization strength is shown. Additionally, the investigation looks into the bias associated with unfolding in relation to prior choice. The performance is evaluated with different theoretical models and the bottom line test.

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