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Breaking the degeneracy of hard+soft modelling

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Current freedom to adjust competing effects of the jet-medium coupling, the jet-path length, eccentricities, and fluctuations make it difficult to decide between pQCD tomographic or AdS holographic paradigms. We test jet tomographic and holographic models in a broad range of state-of-the-art event-by-event fluctuating bulk sQGP background evolutions and compare predictions of leading-hadron fragment and reconstructed jet-nuclear modifications factors as well as high-pT azimuthal harmonics. New measures of other jet correlation observables will be suggested to help break the current degeneracy of hard+soft modelling.

On behalf of collaboration:

NONE

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