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JEWEL predictions for Jet structure modifications at RHIC ADITYA VERMA, RAGHAV KUNNAWALKAM ELAYAVALLI, SEVIL SALUR, Rutgers University — RHIC is ideally suited to investigate transport and tomographic properties of the quark gluon plasma in heavy ion collisions using fully reconstructed jets as hard probes. In this poster, we present predictions for inclusive di-jet and jet structure observables sensitive to jet-medium interactions. This is accomplished by harnessing JEWEL, a Monte Carlo event generator for heavy ion collisions with its updated medium recoil information. With JEWEL's successful record of predictions at the LHC, studying its performance at RHIC energies can precipitate an improved understanding of the jet quenching phenomena.

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