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QCD Estimation in V +jet Production at the LHC

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One of the most challenging backgrounds to vector boson production in association with jets is that of QCD multijets. Current Monte Carlo struggle to model the background well and in adequate sample sizes. As a result data driven methods of estimation have been developed for use in precision analyses at the LHC. In this talk I will summarise the development of these methods in W +jet and R -jet (W/Z +jet) measurements at the LHC using the 2011 ATLAS dataset.

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