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Associated production of a vector boson and jets.

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The production cross section of highly boosted vector bosons ($V = W, Z$ or γ) recoiling against jets is studied, with CMS data, differentially as function of the transverse momentum and angular correlations of the final state particles. The measurements are confronted with different state-of-the-art theory predictions that include next-to-leading order calculations and matrix-element plus parton shower event simulations.

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