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## Single top production at the LHC

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Latest results on inclusive and differential single top quark production cross sections are presented using proton-proton collision data collected by the LHC. The single top quark analyses investigate separately the production of top quarks via t-channel exchange, in association with a W boson (tW) or via the s-channel. Final states with at least one charged lepton and one b-jet are explored to measure inclusive production cross sections. The sensitivity of some these measurements to PDFs and extraction of standard model parameters is also described.

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