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## The Z boson production in association with at least two b jets in pp collisions at 13 TeV: signal versus background

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Analysis considers the Z boson production in association with two b quark jets when the Z boson decays into an electron or muon pair. The dominant background in these final states come from the ttbar production when W bosons decay to charged and neutral leptons, the latter resulting in the missing transverse energy (MET) in the event. Results will be reported on data-driven methods to optimize the MET selection and derive the corresponding factors that correct for imperfect simulations of the ttbar process.

**Primary author:** YOUNG, Peter

**Presenter:** YOUNG, Peter

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