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Diboson Higgs and EWK measurements and triple gauge couplings with ATLAS and CMS

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We present studies of diboson production in pp collisions at 7 and 8 TeV center-of-mass energy based on data recorded by the CMS detector at the LHC in 2011 and 2012. These include Higgs measurements in ZZ and WW decay modes, precise measurements of W and Z production in association with a photon and of WW production, WZ and ZZ productions at the LHC. The leptonic decay modes of the W and Z bosons are used. Semi-leptonic decay modes of WW+WZ final state are also shown. The results are interpreted in terms of constraints on anomalous triple gauge couplings.

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