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Measurement of multiboson production in ATLAS

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Measurements of diboson and triboson production at the LHC probe the electroweak gauge structure of the Standard Model for contributions from anomalous couplings. In this talk recent ATLAS results on the measurement W boson pairs are presented. The measurement improves in precision compared to previous measurements, and is compared to theoretical predictions from fixed order calculation and state-of-the-art event generators. In addition, the observation of rare triboson processes in the $W\gamma\gamma$ and $WZ\gamma$ channels are highlighted, in addition to differential measurements of $Z\gamma\gamma$ production.

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