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Recent electroweak results from ATLAS

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ATLAS measurements of multi-boson production processes involving combinations of up to three W, Z and isolated photons are summarized. Production processes sensitive to vector-boson fusion and vector-boson scattering such as electroweak production of single Z and W bosons associated with two forward jets and the same-sign WW production at 8 TeV pp collisions are also presented and compared to Standard Model expectations. A measurement of the inclusive 4 lepton mass spectrum from 80 to 1000 GeV is presented, where several distinct physics processes are involved: the single Z resonant process, the Higgs production at 125 GeV, as well as continuum ZZ production processes with qqbar and gg initial states.

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