

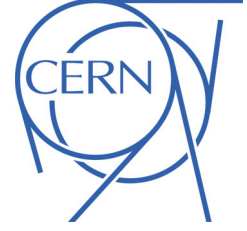


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# ATLAS NOTE

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## Background estimates in the $H \rightarrow WW^{(*)} \rightarrow \ell \nu \ell \nu$ analysis with $13.0 \text{ fb}^{-1}$ of data collected with the ATLAS detector at $\sqrt{s} = 8 \text{ TeV}$

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## Abstract

This note describes the background estimates used for the search for the Higgs boson in the  $H \rightarrow WW^{(*)} \rightarrow \ell \nu \ell \nu$  using proton-proton data corresponding to an integrated luminosity of  $13.0 \text{ fb}^{-1}$  at a centre-of-mass energy of 8 TeV collected during 2012 with the ATLAS detector at the Large Hadron Collider. The main description of the analysis can be found in ATL-COM-PHYS-2012-1509.